CASE NO. 3028

Application,
Transcripts,
Small Exhibits
ETC.

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery ~~Districts~~ Distillates							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary.)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSINE	STOCK FOR CRACKING	OTHER BARRELS	OTHER KIND
TOTAL							

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-K
CASE NO. 5022

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of	Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-113)

Sheet 1

REFINER'S MONTHLY REPORT

INSTRUCTIONS

This report, including Sheet 1A, 1B and Sheet 2, of Form C-113, is required of all refiners of oil within the State of New Mexico, for each plant, and must be filed in duplicate on or before the 15th day of each month, and shall be complete as to data on said forms, covering the calendar month next preceding the date of filing.

In the preparation of Sheet 1-B of this report group each commodity and show the total thereof, and show the Grand Total of all commodities delivered.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

(Barrels of 42 U. S. Gallons)

Kind	Stock on Hand Beginning of Month	Receipts (Detail on Sheet 1-A)	Runs to Stills, Re-runs and/or Blended	Products Manufactured	Deliveries (Detail on Sheet 1-B)	Plant Use and Losses	Stock on Hand End of Month
Crude Petroleum							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Dists.							
Cracking Stock							
Other Products							
Processing Losses							
TOTAL							

REMARKS:.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Refiner.....
(Signature) (Title)

(Form C-113)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-A

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address..... (Main Office) (Plant)

Detail Statement of All Receipts Into Plant

(Barrels of 42 U. S. Gallons)

Transporter From Whom Received	State or County of Origin	Petroleum	Casinghead Gasoline	Kerosene	Stock for Cracking	Other	
						Barrels	Kind

OIL CONSERVATION COMMISSION
State of New Mexico

(Revised 7/1/52)

Sheet 2

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of Crude Petroleum Oil Stocks at End of Month

(Barrels of 42 U. S. Gallons)

Number of Tanks	Capacity	Barrels	Number of Tanks	Capacity	Barrels

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CASE No. 3028
Order No. R-2761

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO CONSIDER THE REVISION OF CERTAIN EXISTING FORMS, THE ADOPTION OF CERTAIN NEW FORMS, AND THE AMENDMENT OF CERTAIN RULES PERTAINING TO THE FILING OF FORMS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 8, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 16th day of September, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That certain forms have been designed by the Interstate Oil Compact Commission and recommended for adoption by state oil and gas regulatory agencies.

(3) That the adoption of such forms with certain modifications by the New Mexico Oil Conservation Commission will be in the interest of increased efficiency and lower operating costs to the oil and gas industry in this State.

(4) That the adoption of said forms by the Commission will be in the interest of increased efficiency to the Oil Conservation Commission.

(5) That certain rules and regulations of the Commission should be amended to facilitate adoption of said forms.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CASE No. 3028
Order No. R-2761

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(4) That the adoption of said forms by the Commission will be in the interest of increased efficiency to the Oil Conservation Commission.

(5) That certain rules and regulations of the Commission should be amended to facilitate adoption of said forms.

(6) That Rule 7(A) of Order No. R-1670 governing the prorated gas pools in Northwest New Mexico and Southeast New Mexico and Rule 1121 should be amended to require the monthly filing of supplemental nominations by gas purchasers.

(7) That the adoption of the Interstate Oil Compact Commission forms as modified and the aforesaid amendments to the rules will enable the Oil Conservation Commission to more efficiently and effectively administer the laws of the State of New Mexico concerning the conservation of oil and gas, the prevention of waste, and the protection of correlative rights.

IT IS THEREFORE ORDERED:

(1) That Commission Form C-101, Notice of Intention to Drill, be revised as shown by Exhibit 1 attached hereto and made a part hereof, and that the name of said form be changed to Application for Permit to Drill, Deepen, or Plug Back.

(2) That Commission Form C-128, Well Location and Acreage Dedication Plat, be revised as shown by Exhibit 2 attached hereto and made a part hereof, and that the number of said form be changed to Form C-102.

(3) That Commission Form C-102, Miscellaneous Notices, and Commission Form C-103, Miscellaneous Reports on Wells, both be abolished; that a new Form C-103 entitled Sundry Notices and Reports on Wells, as shown by Exhibit 3 attached hereto and made a part hereof, be adopted.

(4) That Commission Form C-104, Request for (oil) - (gas) Allowable, and Commission Form C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, both be abolished; that a new Form C-104 entitled Request for Allowable and Authorization to Transport Oil and Natural Gas, as shown by Exhibit 4 attached hereto and made a part hereof, be adopted.

(5) That Commission Form C-105, Well Record, be revised as shown by Exhibit 5 attached hereto and made a part hereof, and that the name of said form be changed to Well Completion or Recompletion Report and Log.

(6) That the format of Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, as

shown by Exhibit 6 attached hereto and made a part hereof, be adopted.

(7) That Commission Form C-107, Application for Multiple Completion, as shown by Exhibit 7 attached hereto and made a part hereof, be adopted.

(8) That Commission Form C-108, Application to Dispose of Salt Water by Injection Into a Porous Formation, as shown by Exhibit 8 attached hereto and made a part hereof, be adopted.

(9) That Commission Form C-111, Monthly Gas Report, and Commission Form C-114, Gasoline or Other Extraction Plant Monthly Report, both be abolished; that a new Form C-111 entitled Gas Purchaser's Monthly Report, Sheets 1 and 2, as shown by Exhibits 9 and 9-A attached hereto and made a part hereof, be adopted.

(10) That Commission Form C-112, Transporter's and Storer's Monthly Report, be revised as shown by Exhibit 10 attached hereto and made a part hereof.

(11) That Commission Form C-113, Refiner's Monthly Report, Sheets 1 and 2, be revised as shown by Exhibits 11 and 11-A attached hereto and made a part hereof.

(12) That Commission Form C-115, Operator's Monthly Report, and Commission Form C-115-EDP, Operator's Monthly Report (electronic data processing), as shown by Exhibits 12 and 13 attached hereto and made a part hereof, both adopted October 1, 1961, be continued in use without change.

(13) That Commission Form C-116, Gas-Oil Ratio Report, be revised as shown by Exhibit 14 attached hereto and made a part hereof, and that the name of said form be changed to Gas-Oil Ratio Tests.

(14) That the format of Commission Form C-117-A, Sediment Oil Destruction Permit, and Commission Form C-117-B, Sediment Oil Recovery Permit, as shown by Exhibits 15 and 16 attached hereto and made a part hereof, be adopted.

(15) That the format of Commission Form C-118, Treating Plant Operator's Monthly Report, Sheets 1 and 1-A, as shown by Exhibits 17 and 17-A attached hereto and made a part hereof, be adopted.

(16) That Commission Form C-119, Carbon Black Plant Monthly Report, be revised as shown by Exhibit 18 attached hereto and made a part hereof.

(17) That the format of Commission Form C-120, Monthly Injection Report, and Commission Form C-120-A, Monthly Water Disposal Report, as shown by Exhibits 19 and 20 attached hereto and made a part hereof, be adopted.

(18) That Commission Form C-121, Crude Oil Purchaser's Nomination, as shown by Exhibit 21 attached hereto and made a part hereof, adopted December 1, 1955, be continued in use without change.

(19) That Commission Form C-121-A, Purchaser's Gas Nomination, be revised as shown by Exhibit 21-A attached hereto and made a part hereof.

(20) That the format of Commission Form C-122, Multi-Point Back Pressure Test for Gas Wells, Commission Form C-122-B, Initial Potential Test Data Sheet, and Commission Form C-122-C, One-Point Back Pressure Test for Gas Wells, as shown by Exhibits 22, 23, and 24 attached hereto and made a part hereof, be adopted.

(21) That Commission Form C-122-A, Gas Well Test Data Sheet - San Juan Basin, as shown by Exhibits 25 (blue) and 26 attached hereto and made a part hereof, adopted April 20, 1955, for initial and annual deliverability tests, respectively, be continued in use without change.

(22) That Commission Form C-123, Request for the Extension of an Existing Pool or the Creation of a New Pool, as shown by Exhibit 27 attached hereto and made a part hereof, adopted July 1, 1952, be continued in use without change.

(23) That Commission Form C-124, Reservoir Pressure Report, be revised as shown by Exhibit 28 attached hereto and made a part hereof.

(24) That the format of Commission Form C-125, Gas Well Shut-in Pressure Report, as shown by Exhibit 29 attached hereto and made a part hereof, be adopted.

(25) That Commission Form C-126, Permit to Transport Recovered Load Oil, be revised as shown by Exhibit 30 attached hereto and made a part hereof.

(26) That the format of Commission Form C-127, Request for Allowable Change, as shown by Exhibit 31 attached hereto and made a part hereof, be adopted, the name of said form being changed from Oil Producers Nomination Request for Allowable Changes.

(27) That the format of the Packer Setting Report, as shown by Exhibit 32 attached hereto and made a part hereof, be adopted.

IT IS FURTHER ORDERED:

(1) That Rule 104 E be amended to read in its entirety as follows:

"E. Form C-101, Application for Permit to Drill, Deepen, or Plug Back for any well shall designate the exact legal subdivision allotted to the well and no Form C-101 will be approved by the Commission or any of its agents without such proper designation of acreage."

(2) That Rule 111(b) be amended to make reference in two places to Commission Form C-103 rather than to Commission Form C-102.

(3) That the first paragraph of Rule 112-A, Section IV, be amended to read in its entirety as follows:

"IV. ADMINISTRATIVE PROCEDURE

Application for administrative approval of a multiple completion shall be made in QUADRUPLICATE, with two copies of the application to be mailed to the Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall be accompanied by the following:"

(4) That Rule 112-A, Section V, be amended to read in its entirety as follows:

"V. Application for public hearing to authorize a multiple completion shall be made in TRIPLICATE to the Commission's Santa Fe Office. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall set forth all material facts relative to the common sources of supply involved

and the manner and method of completion proposed. Application shall be accompanied by an exhibit showing the location of all wells on the applicant's lease and all offset wells on offset leases."

(5) That Rule 112-A, Section VI (d) be amended to read in its entirety as follows:

> "(d) A packer setting report shall accompany the report of the initial segregation test and packer-leakage test, if applicable."

(6) That Rule 201 be amended to make reference to Commission Form C-103, Sundry Notices and Reports on Wells, rather than to Form C-102.

(7) That the last sentence of the second paragraph of Rule 202 (a) be amended to read in its entirety as follows:

> "The filing of Form C-105, Well Completion or Recompletion Report and Log, is also necessary to obtain Commission approval of a plugging report."

(8) That Rules 312 (b) and 312 (c) be amended to read in their entirety as follows:

> "(b) Such permit shall entitle the treating plant operator to an approved Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas, for the total amount of products secured from sediment oils processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause."

> "(c) All treating plant operators shall file a monthly report which shall support the Commission Form C-104 for the net oil recovered and sold during the preceding month. See Rule 1118."

(9) That Rule 314 (d) be amended to make reference to Commission Form C-104 rather than to Commission Form C-110.

(10) That the third paragraph of Rule 401 be amended to make reference to Rule 1122 rather than to Rule 1121.

(11) That Rule 504 (b) be amended to read in its entirety as follows:

"(b) No well shall be placed on the proration schedule until Form C-104 has been filed with and approved by the Commission."

(12) That the second paragraph of Rule 701 C be amended to read in its entirety as follows:

"To obtain such administrative approval, operator shall submit in TRIPLICATE Commission Form C-108, Application to Dispose of Salt Water by Injection Into a Porous Formation, said application to be filed in accordance with Rule 701 B above. Copies of the application shall also be sent to all offset operators and to the surface owner of the land upon which the well is located."

(13) That the first paragraph of Rule 705 be amended to read in its entirety as follows:

"Application for permit to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Secretary-Director of the Commission for approval. In addition to Form C-101, Application for Permit to Drill, Deepen, or Plug Back, the operator shall submit the following:"

That Section 2 of Rule 705 be amended to read in its entirety as follows:

"2. Upon completion of the proposed well, operator shall submit Form C-105, Well Completion or Recompletion Report and Log, a diagrammatic sketch of the finished installation, and an estimate of the storage capacity of the cavity."

(14) That Exception (1) and also the last paragraph of Rule 803 be amended to make reference to Commission Form C-104 rather than to Form C-110.

(15) That Rule 1002 be amended to read in its entirety as follows:

"Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, condensate, kerosene, oil, or other liquid products are extracted from natural gas within the State of New Mexico shall furnish for each calendar month a Gas Purchaser's Monthly Report, Form C-111, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month.

(This rule shall also be applicable to plants in the State of New Mexico processing carbon dioxide gas into liquid or solid form.) See Rule 1111.

"Form C-111 shall be filed in accordance with the provisions of Rule 1111."

(16) That Rule 1301 be amended to read in its entirety as follows:

"To expedite the administration of the work of the Commission and the enforcement of its rules and regulations, the State shall be divided into four districts as follows:

DISTRICT 1	Lea, Roosevelt, and Curry Counties, and that portion of Chaves County lying East of the North-South line dividing Ranges 29 and 30 East, NMPM. Office at 1000 West Broadway, Hobbs. Mailing Address: N. M. Oil Conservation Commission P. O. Box 1980 Hobbs, New Mexico 88240
DISTRICT 2	Eddy, Otero, Dona Ana, Luna, Hidalgo, Grant, Sierra, Lincoln, and De Baca Counties, and that portion of Chaves County lying West of the North-South line dividing Ranges 29 and 30 East, NMPM. Office at 10th and Dallas Streets, Artesia. Mailing Address: N. M. Oil Conservation Commission Drawer DD Artesia, New Mexico 88210
DISTRICT 3	San Juan, Rio Arriba, McKinley, and Sandoval Counties.

Office at 1000 Rio Brazos Road,
Aztec.

Mailing Address:

N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

DISTRICT 4 Remainder of State.

Office in State Land Office Building,
Santa Fe.

Mailing Address:

N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Each district office shall be under the charge of a district supervisor, an oil and gas inspector, a deputy oil and gas inspector, or a member of the Commission. Unless otherwise specifically required, all matters pertaining to the Commission shall be taken care of through the district office of the district in which the affected land is located."

(17) That Rule 1302 be amended to read in its entirety as follows:

"All reports and forms required by the rules to be filed with the Commission shall be filed in the number and at the time specified on the form or report or by the applicable rule in Section M, Reports, of these rules. Unless otherwise specified, all such reports and forms shall be filed at the district office of the district in which the land that is the subject matter of the report is located. All plugging bonds shall be filed directly at the Santa Fe Office of the Commission. A list of all plugging bonds approved and in force shall be kept in each district office."

IT IS FURTHER ORDERED:

That Section M, Reports, of the General Rules and Regulations of the Oil Conservation Commission be amended to read in its entirety as follows:

M - REPORTS

RULE 1100. GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided in Rules 1301 and 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits, and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells

Form C-104	Request for Allowable and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection Into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Destruction Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Operator's Monthly Report (Sheet 1 and Sheet 1-A)
Form C-119	Carbon Black Plant Monthly Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin (Initial Deliverability Test blue paper, Annual Deliverability Test white)
Form C-122-B	Initial Potential Test Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling or deepening operations, or before plugging a well back to another zone, the operator of the

well must obtain a permit to do so. To obtain such permit, the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable. If the proposal cannot be approved for any reason, the Forms C-101 will be returned with the cause for rejection stated thereon.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102.)

If the well is to be drilled on State land, submit SIX copies of Form C-101 and FOUR copies of Form C-102, the extra copy of each form being for the State Land Office.

RULE 1102. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

Form C-102 is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of each lease contained within the dedicated acreage. When there is more than one working interest or royalty owner on a given lease, designation of the majority owner et al. will be sufficient.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted from the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE or QUADRUPLICATE as provided in Rule 1101.

Amended Form C-102 (in TRIPLICATE or QUADRUPLICATE) shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103. SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form to be filed with the appropriate District Office of the Commission to obtain Commission

approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to:

(1) Effecting a change of plans from those previously approved on Form C-101 or Form C-103.

(2) Altering a drilling well's casing program or pulling casing or otherwise altering an existing well's casing installation.

(3) Temporarily abandoning a well.

(4) Plugging and abandoning a well.

(5) Performing remedial work on a well. (This shall include such work as acidizing, squeezing, perforating, fracturing, and similar operations on previously completed wells, but is not applicable to new wells in the process of being completed or to old wells being drilled deeper or plugged back to another zone when such recompletion has been authorized by an approved Form C-101, Application for Permit to Drill, Deepen, or Plug Back.)

(6) Performing any such other operations which, when completed, will affect the original status of the well. (Notice of Intention to install artificial lift equipment is not required.)

In the case of well plugging operations, the Notice of Intention shall include a detailed statement of the proposed work, including plans for shooting and pulling casing, plans for mudding, including weight of mud, plans for cementing, including number of sacks of cement and depths of plugs, and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be released until this is complied with.

approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to:

(1) Effecting a change of plans from those previously approved on Form C-101 or Form C-103.

(2) Altering a drilling well's casing program or pulling casing or otherwise altering an existing well's casing installation.

(3) Temporarily abandoning a well.

(4) Plugging and abandoning a well.

(5) Performing remedial work on a well. (This shall include such work as acidizing, squeezing, perforating, fracturing, and similar operations on previously completed wells, but is not applicable to new wells in the process of being completed or to old wells being drilled deeper or plugged back to another zone when such recompletion has been authorized by an approved Form C-101, Application for Permit to Drill, Deepen, or Plug Back.)

(6) Performing any such other operations which, when completed, will affect the original status of the well. (Notice of Intention to install artificial lift equipment is not required.)

In the case of well plugging operations, the Notice of Intention shall include a detailed statement of the proposed work, including plans for shooting and pulling casing, plans for mudding, including weight of mud, plans for cementing, including number of sacks of cement and depths of plugs, and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be released until this is complied with.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed in accordance with the section of this rule applicable to the particular operation being reported.

Form C-103 is to be used in reporting such completed operations as:

(1) Commencement of drilling operations
(2) Casing and cement test
(3) Altering a well's casing installation
(4) Temporary abandonment
(5) Plug and abandon
(6) Plugging back or deepening
(7) Remedial work
(8) Installation of artificial lifting equipment
(9) Change in ownership of a drilling well
(10) Such other operations which affect the original status of the well but which are not specifically covered herein

Information to be entered on Form C-103, Subsequent Report, for a particular operation is as follows:

(1) Report of Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the operator of the well shall file a report thereof on Form C-103 in TRIPLICATE. Such report shall indicate the hour and the date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Alteration

A report of casing and cement test shall be filed by the operator of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the operator of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the operator of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun and the date the work was completed, a detailed account of the manner in which the work was performed including the depths and lengths of the various plugs set, the nature and quantities of materials employed in the plugging operations including the weight of the mud used, the size and depth of all casing left in the hole, and any other pertinent information. (See Rules 201-204 regarding plugging operations.)

No plugging report will be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the operator to contact the appropriate District Office of the Commission when the location has been so restored in order to arrange for an inspection of the plugged well and the location by a Commission representative.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the operator of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas, and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Among the remedial work to be reported on Form C-103 are the following:

(a) Report on shooting, fluid fracturing or chemical treatment of a previously completed well
(b) Report on squeeze job
(c) Report on setting of liner or packer
(d) Report of installation of pumping equipment or gas lift facilities
(e) Report of any other remedial operations which are not specifically covered herein

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the operator of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Reports on Wells

Reports on any other operations which affect the original status of the well but which are not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the well within ten days following the completion of such operation.

RULE 1104. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

(1) Form C-104 completely filled out by the operator

of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously.) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

(2) The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the Form C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

(3) No allowable will be assigned to any well until a standard unit for the pool in which the well is completed has been dedicated by the owner, or a non-standard unit has been approved by the Commission, or a standard unit has been communitized or pooled and dedicated to the well.

(4) No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

(5) Form C-104 with Sections I, II, III, and VI, completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of ownership, the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101.

(6) Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than

the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter. This paragraph is intended to deal primarily with authorized batch movements of oil by the operator for use as load oil, frac oil, etc.; eventual sale of this oil is governed by Rules 508 and 1126.

RULE 1105. WELL COMPLETION OR RECOMPLETION REPORT AND LOG (Form C-105)

Within 20 days following the completion or recompletion of any well, the operator shall file Form C-105 with the Commission. It must be filed in QUINTUPLICATE and each copy be accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radioactivity logs run on the well must be filed with Form C-105. If the Form C-105 with attached log(s) and summaries is not received by the Commission within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with.

In the case of a dry hole, a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, unless previously filed. The plugging report will not be approved nor the bond released until this rule has been complied with.

Form C-105 and accompanying attachments will not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request, the Commission will keep these data confidential for 90 days from the date of completion of the well, provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or in any court of law, regardless of the request that they be kept confidential.

RULE 1106. NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107. APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108. APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Section C.

RULE 1109. No Rule; there is no Form C-109 at present.

RULE 1110. No Rule; there is no Form C-110 at present.

RULE 1111. GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111, Gas Purchaser's Monthly Report, shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month to report all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission and two copies with the Santa Fe Office of the Commission. One additional copy shall also be sent to the Hobbs Office of the Commission. Information on Sheet No. 2 of Form C-111 shall be itemized by pools, by operators, and by leases, in alphabetical order.

Form C-111 shall be filed each month by the operator of any gas gathering system, gas transportation system, recycling system, fuel system, gas lift system, gas drilling operation, etc. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken into any such system during the preceding month and shall show the source of the gas and the disposition thereof.

Form C-111 shall also be filed each month by the operator of any gasoline plant, cycling plant, or other plant at which gasoline, butane, propane, kerosene, oil, or other products are extracted from gas within the State of New Mexico. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken by any such plant during the preceding month and shall show the source of the gas and the disposition thereof. If a plant operator owns more than one plant in a given OCC District, Sheet No. 1 of Form C-111 shall be filed for each such plant. In preparing Sheet No. 2, the plant operator shall consolidate all acquisitions for all plants in the District, itemized in the order described in the first paragraph of this rule.

Where gas is taken by the producer and utilized by him for any of the above uses, the producer shall file Form C-111 itemizing such gas. The producer shall also include this gas on his Operator's Monthly Report, Form C-115. Gas used on the lease from which it was produced for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or gas which is flared, shall also be included on the Form C-115 but is not to be included on the Form C-111.

RULE 1112. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

Each transporter and each storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE 1113. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

RULE 1114. No Rule; there is no Form C-114 at present.

RULE 1115. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-104 for the affected well or wells.

RULE 1116. GAS-OIL RATIO TESTS (Form C-116)

Gas-oil ratio tests shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Tests, and any applicable special pool rules. This form shall be submitted in DUPLICATE.

RULE 1117. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A and Form C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted to the appropriate District Office of the Commission in TRIPLICATE and in accordance with Rule 311 (b).

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted to the appropriate District Office of the Commission in QUADRUPLICATE and in accordance with Rule 311 (c).

RULE 1118. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain all the information required thereon. Column 1 of Sheet 1-A of Form C-118 entitled "Permit Number," has reference to the Sediment Oil Recovery Permit, Form C-117-B, for each lot of oil picked up for processing.

RULE 1119. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume

of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month. In addition, Form C-111 shall be filed each month in accordance with Rule 1111 if the Carbon Black Plant operator makes any purchase directly from a lease or operates any gas gathering or transmission system.

RULE 1120. MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE each month and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1121. PURCHASER'S NOMINATION FORMS (Form C-121 and Form C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to the Commission's statewide oil allowable hearing on nominations for the succeeding month. Nominations shall be filed each month by each person expecting to purchase oil from producing wells in New Mexico during the following month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. As an example, purchaser's nominations to take gas from a pool during the month of August would be considered by the Commission at its mid-July hearing, and should be submitted to the Santa Fe Office of the Commission by July 1.

In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA SHEET - SAN JUAN BASIN (Form C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (Form C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B, and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1123. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office regarding the filing of Form C-123 in DUPLICATE.

RULE 1124. RESERVOIR PRESSURE REPORT (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom-hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

RULE 1125. GAS WELL SHUT-IN PRESSURE TESTS (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402 and any applicable special pool rules.

RULE 1126. PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104 (6).

RULE 1127. REQUEST FOR ALLOWABLE CHANGE (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

RULE 1128. FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which, upon approval, will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C (May 1963)	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331 (May 1963)	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330 (Rev. 5-63)	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission Forms.

After a well is completed and ready for pipeline connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said rule - no other forms will be accepted.

Failure to comply with the provisions of this rule will result in the cancellation of Form C-104 for the affected well or wells.

IT IS FURTHER ORDERED:

(1) That Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Northwestern New Mexico, and Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Southeastern, New Mexico, both as promulgated by Commission Order

No. R-1670, be amended to read in their entirety as follows:

> "RULE 7(A): Each month each gas purchaser shall file with the Commission his nomination for the amount of gas which he actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. One copy of such "supplemental" nomination for each pool shall be submitted to the Commission's Santa Fe Office on Form C-121-A by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the succeeding month (see Rule 1121 of the Commission Rules and Regulations). When filing such supplemental nomination, operator shall indicate both his preliminary nomination and his supplemental nomination. The Commission will consider all such preliminary and supplemental nominations at its statewide allowable hearing between the 13th and the 20th days of each month to determine the reasonable market demand for gas during the ensuing month, and will issue a proration schedule setting out the amount of gas which each well may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each well on the schedule."

IT IS FURTHER ORDERED:

(1) That any reference in any order, rule, regulation, memorandum, directive, or other instruction by the Commission to any form by name or by number which form name or number is superseded by a form name or number as the result of this order shall be construed as having reference to the supersedant form name or number.

(2) That this order shall become effective at 7:00 A.M., January 1, 1965.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M Campbell

JACK M. CAMPBELL, Chairman

E S Walker

E. S. WALKER, Member

W. L. Porter, Jr.

A. L. PORTER, Jr., Member & Secretary

esr/

DRAFT

DSN/esr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CF Subj. _____

~~IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:~~

CASE No. 3028

Order No. R-2761

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO CONSIDER THE REVISION OF CERTAIN EXISTING FORMS, THE ADOPTION OF CERTAIN NEW FORMS, AND THE AMENDMENT OF CERTAIN RULES PERTAINING TO THE FILING OF FORMS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 8, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this _____ day of _____, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That certain forms have been designed by the Interstate Oil Compact Commission and recommended for adoption by state oil and gas regulatory agencies.

(3) That the adoption of such forms with certain modifications by the New Mexico Oil Conservation Commission will be in the interest of increased efficiency and lower operating costs to the oil and gas industry in this State.

(4) That the adoption of said forms by the Commission will be in the interest of increased efficiency to the Oil Conservation Commission.

(5) That certain rules and regulations of the Commission should be amended to facilitate adoption of said forms.

(6) That Rule 7(A) of Order No. R-1670 governing the prorated gas pools in Northwest New Mexico and Southeast New Mexico and Rule 1121 should be amended to require the monthly filing of supplemental nominations by gas purchasers.

(7) That the adoption of the Interstate Oil Compact Commission forms as modified and the aforesaid amendments to the rules will enable the Oil Conservation Commission to more efficiently and effectively administer the laws of the State of New Mexico concerning the conservation of oil and gas, the prevention of waste, and the protection of correlative rights.

IT IS THEREFORE ORDERED:

(1) That Commission Form C-101, Notice of Intention to Drill, be revised as shown by Exhibit 1 attached hereto and made a part hereof, and that the name of said form be changed to Application for Permit to Drill, Deepen, or Plug Back.

(2) That Commission Form C-128, Well Location and Acreage Dedication Plat, be revised as shown by Exhibit 2 attached hereto and made a part hereof, and that the number of said form be changed to Form C-102.

(3) That Commission Form C-102, Miscellaneous Notices, and Commission Form C-103, Miscellaneous Reports on Wells, both be abolished; that a new Form C-103 entitled Sundry Notices and

Reports on Wells, as shown by Exhibit 3 attached hereto and made a part hereof, be adopted.

(4) That Commission Form C-104, Request for (oil - (gas) Allowable, and Commission Form C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, both be abolished; that a new Form C-104 entitled ~~Potential Test and~~ Request for Allowable ~~and/or Certificate of Compliance~~ and Authorization to Transport Oil and Natural Gas, as shown by Exhibit 4 attached hereto and made a part hereof, be adopted.

(5) That Commission Form C-105, Well Record, be revised as shown by Exhibit 5 attached hereto and made a part hereof, and that the name of said form be changed to Well Completion or Recompletion Report and Log.

(6) That the format of Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, as shown by Exhibit 6 attached hereto and made a part hereof, be adopted.

(7) That Commission Form C-107, Application for Multiple Completion, as shown by Exhibit 7 attached hereto and made a part hereof, be adopted.

(8) That Commission Form C-108, Application to Dispose of Salt Water by Injection Into a Porous Formation, as shown by Exhibit 8 attached hereto and made a part hereof, be adopted.

(9) That Commission Form C-111, Monthly Gas Report, and Commission Form C-114, Gasoline or Other Extraction Plant Monthly Report, both be abolished; that a new Form C-111 entitled Gas Purchaser's Monthly Report, Sheets 1 and 2, as shown by Exhibits 9 and 9-A attached hereto and made a part hereof, be adopted.

(10) That Commission Form C-112, Transporter's and Storer's Monthly Report, be revised as shown by Exhibit 10 attached hereto and made a part hereof.

(11) That Commission Form C-113, Refiner's Monthly Report, be revised as shown by Exhibit 11 Sheets 1 and 2, and 11-A ~~Sheets 1 and 2~~, attached hereto and made a part hereof.

(12) That Commission Form C-115, Operator's Monthly Report, and Commission Form C-115-EDP, Operator's Monthly Report (electronic data processing), as shown by Exhibits 12 and 13 attached hereto and made a part hereof, both adopted October 1, 1961, be continued in use without change.

(13) That Commission Form C-116, Gas-Oil Ratio Report, be revised as shown by Exhibit 14 attached hereto and made a part hereof, and that the name of said form be changed to Gas-Oil Ratio Tests.

(14) That the format of Commission Form C-117-A, Sediment Oil Destruction Permit, and Commission Form C-117-B, Sediment Oil Recovery Permit, as shown by Exhibits 15 and 16 attached hereto and made a part hereof, be adopted.

(15) That the format of Commission Form C-118, Treating Plant Operator's Monthly Report, as shown by Exhibit 17 Sheets 1 and 1-A, and 17-A ~~Sheet 1 and Sheet 1-A~~, attached hereto and made a part hereof, be adopted.

(16) That Commission Form C-119, Carbon Black Plant Monthly Report, be revised as shown by Exhibit 18 attached hereto and made a part hereof.

(17) That the format of Commission Form C-120, Monthly Injection Report, and Commission Form C-120-A, Monthly Water Disposal Report, as shown by Exhibits 19 and 20 attached hereto and made a part hereof, be adopted.

(18) That Commission Form C-121, Crude Oil Purchaser's Nomination, as shown by Exhibit 21 attached hereto and made a part hereof, adopted December 1, 1955, be continued in use without change.

(19) That Commission Form C-121-A, Purchaser's Gas Nomination, be revised as shown by Exhibit 21-A attached hereto and made a part hereof.

(20) That the format of Commission Form C-122, Multi-Point Back Pressure Test for Gas Wells, Commission Form C-122-B, Initial Potential Test Data Sheet, and Commission Form C-122-C, One-Point Back Pressure Test for Gas Wells, as shown by Exhibits 22, 23, and 24 attached hereto and made a part hereof, be adopted.

(21) That Commission Form C-122-A, Gas Well Test Data Sheet - San Juan Basin, as shown by Exhibits 25 (blue) and 26 attached hereto and made a part hereof, adopted April 20, 1955, for intital and annual deliverability tests, respectively, be continued in use without change.

(22) That Commission Form C-123, Request for the Extension of an Existing Pool or the Creation of a New Pool, as shown by Exhibit 27 attached hereto and made a part hereof, adopted July 1, 1952, be continued in use without change.

(23) That Commission Form C-124, Reservoir Pressure Report, be revised as shown by Exhibit 28 attached hereto and made a part hereof.

(24) That the format of Commission Form C-125, Gas Well Shut-in Pressure Report, as shown by Exhibit 29 attached hereto and made a part hereof, be adopted.

(25) That Commission Form C-126, Permit to Transport Recovered Load Oil, be revised as shown by Exhibit 30 attached hereto and made a part hereof.

(26) That the format of Commission Form C-127, Request for Allowable Change, as shown by Exhibit 31 attached hereto and made a part hereof, be adopted, the name of said form being changed from Oil Producers Nomination Request for Allowable Changes.

(27) That the format of the Packer Setting Report, as shown by Exhibit 32 attached hereto and made a part hereof, be adopted.

IT IS FURTHER ORDERED:

(1) That Rule 104 E be amended to read in its entirety as follows:

"E. Form C-101, Application for Permit to Drill, Deepen, or Plug Back for any well shall designate the exact legal subdivision allotted to the well and no Form C-101 will be approved by the Commission or any of its agents without such proper designation of acreage."

(2) That Rule 111(b) be amended to make reference in two places to Commission Form C-103 rather than to Commission Form C-102.

(3) That the first paragraph of Rule 112-A, Section IV, be amended to read in its entirety as follows:

"IV ADMINISTRATIVE PROCEDURE

Application for administrative approval of a multiple completion shall be made in QUADRUPLICATE, with two copies of the application to be mailed to the Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall be accompanied by the following:"

(4) That Rule 112-A, Section V, be amended to read in its entirety as follows:

"Application for public hearing to authorize a multiple completion shall be made in TRIPLICATE to the Commission's Santa Fe Office. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall set forth all material facts relative to the common sources of supply involved and the manner and method of completion proposed. Application

shall be accompanied by an exhibit showing the location of all wells on the applicant's lease and all offset wells on offset leases."

(5) That Rule 112-A, Section VI (d) be amended to read in its entirety as follows:

"(d) A packer setting report shall accompany the report of the initial segregation test and packer-leakage test, if applicable."

(6) That Rule 201 be amended to make reference to Commission Sundry Notices and Reports on Wells, Form C-103, rather than to Form C-102.

(7) That the last sentence of the second paragraph of Rule 202 (a) be amended to read in its entirety as follows:

"The filing of Form C-105, Well Completion or Recompletion Report and Log, is also necessary to obtain Commission approval of a plugging report."

(8) That Rules 312(b) and 312(c) be amended to read in ~~its~~ their entirety as follows:

insert 202-a

"(b) Such permit shall entitle the treating plant operator to an approved Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas, for the total amount of products secured from sediment oils processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause.

"Application for permit to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Secretary-Director of the Commission for approval. In addition to Form C-101, Application for Permit to Drill, Deepen, or Plug Back, the operator shall submit the following:"

(4) That Section 2 of Rule 705 be amended to read in its entirety as follows:

"2. Upon completion of the proposed well, operator shall submit Form C-105, Well Completion or Recompletion Report and Log, a diagrammatic sketch of the finished installation, and an estimate of the storage capacity of the cavity."

(5) That Exception ~~Section~~ (1) and also the last paragraph of Rule 803 be amended to make reference to Commission Form C-104 rather than to Form C-110.

(6) That ~~the first paragraph of~~ Rule 1002 be amended to read in its entirety as follows:

"Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, condensate, kerosene, oil, or other liquid products are extracted from natural gas within the State of New Mexico shall furnish for each calendar month a Gas Purchaser's Monthly Report, Form C-111, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month. (This rule shall also be applicable to plants in the State of New Mexico processing carbon dioxide gas into liquid or solid form.) ~~in the State of New Mexico.)~~"

(7) That Rule 1301 be amended to read in its entirety as follows:

"To expedite the administration of the work of the Commission and the enforcement of its rules and regulations, the State shall be divided into four districts as follows:

"~~Such~~ Form C-111 shall be filed in accordance with the provisions of Rule 1111."

DISTRICT 1	Lea, Roosevelt, and Curry Counties, and that portion of Chaves County lying East of the North-South line dividing Ranges 29 and 30 East, NMPM. Office at 1000 West Broadway, Hobbs. Mailing Address: N. M. Oil Conservation Commission P. O. Box 1980 Hobbs, New Mexico 88240
DISTRICT 2	Eddy, Otero, Dona Ana, Luna, Hidalgo, Grant, Sierra, Lincoln, and De Baca Counties, and that portion of Chaves County lying West of the North-South line dividing Ranges 29 and 30 East, NMPM. Office at 10th and Dallas Streets, Artesia. Mailing Address: N. M. Oil Conservation Commission Drawer DD Artesia, New Mexico 88210
DISTRICT 3	San Juan, Rio Arriba, McKinley, and Sandoval Counties. Office at 1000 Rio Brazos Road, Aztec. Mailing Address: N. M. Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico 87410
DISTRICT 4	Remainder of State. Office in State Land Office Building, Santa Fe. Mailing Address: N. M. Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Each district office shall be under the charge of a district supervisor, an oil and gas inspector, a deputy oil and gas inspector, or a member of the Commission. Unless otherwise specifically required, all matters pertaining to the Commission shall be taken care of through the district office of the district in which the land that is affected lies."

(15) That Rule 1302 be amended to read in its entirety as follows:

"All reports and forms required by the rules to be filed with the Commission shall be filed in the number and at the time specified on the form or report or by the applicable rule in Section M, Reports, of these rules. Unless otherwise specified, all such reports and forms shall be filed at the district office of the district in which the land that is the subject matter of the report ~~lies~~ is located. All plugging bonds shall be filed directly at the Santa Fe Office of the Commission. A list of all plugging bonds approved and in force shall be kept in each district office."

IT IS FURTHER ORDERED:

That Section M, Reports, of the General Rules and Regulations of the Oil Conservation Commission be amended to read in its entirety as follows:

M - REPORTS

RULE 1100. GENERAL

A. Where to file Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided ~~for~~ in Rules 1301 and 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits, and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection Into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Destruction Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Operator's Monthly Report (Sheet 1 and Sheet 1-A)
Form C-119	Carbon Black Plant Monthly Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells (Initial Deliverability Test blue paper, Annual Deliverability Test white)
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test-Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling or deepening operations, or before plugging a well back to another zone, the ~~owner~~ operator of the well

must obtain a permit to do so. To obtain such permit, the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable. If the proposal cannot be approved for any reason, the Forms C-101 will be returned with the cause for rejection stated thereon.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102.)

If the well is to be drilled on State land, submit SIX copies of Form C-101 and FOUR copies of Form C-102, the extra copy of each form being for the State Land Office.

RULE 1102. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

Form C-102 is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of each lease contained within the dedicated acreage. when there is more than one working interest or royalty owner on a given lease, designation of the majority owner et al will be sufficient.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted from the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE or QUADRUPLICATE as provided in Rule 1101.

Amended Form C-102 (in TRIPLICATE or QUADRUPLICATE) shall be filed in the event there is a change in any of the information previously submitted. The

well location need not be certified when filing amended Form C-102.

RULE 1103. SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form to be filed with the appropriate District Office of the Commission to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to:

(1) Effecting a change of plans from those previously approved on Form C-101 or Form C-103.

(2) Altering a drilling well's casing program or pulling casing or otherwise altering an existing well's casing installation.

(3) Temporarily abandoning a well.

(4) Plugging and abandoning a well.

(5) Performing remedial work on a well. (This shall include such work as acidizing, squeezing, perforating, fracturing, and similar operations on previously completed wells, but is not applicable to new wells in the process of being completed or to old wells being drilled deeper or plugged back to another zone when such recompletion has been authorized by an approved Form C-101, Application for Permit to Drill, Deepen, or Plug Back.)

(6) Performing any such other operations which, when completed, will affect the original status of the well. (Notice of intention to install artificial lift equipment is not required.)

In the case of well plugging operations, the Notice of Intention shall include a detailed statement of the proposed work, including plans for shooting and pulling casing, plans for mudding, including weight of mud, plans for cementing, including number of sacks of cement and depths of plugs, and the time and date of the proposed plugging operations. If not previously

filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be released until this is complied with.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed in accordance with the section of this rule applicable to the particular operation being reported.

Form C-103 is to be used in reporting such completed operations as:

(1) Commencement of drilling operations

(2) Casing and cement test

(3) Altering a well's casing installation

(4) Temporary abandonment

(5) Plug and abandon

(6) Plugging back or deepening

(7) Remedial work

(8) Installation of artificial lifting equipment

(9) Change in ownership of a drilling well

(10) Such other operations which affect the original status of the well but which are not specifically covered herein

Information to be entered on Form C-103, Subsequent Report, for a particular operation is as follows:

(1) Report of Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the ~~owner~~ operator of the well shall file a report ~~thereof~~ on Form C-103 in TRIPLICATE. Such report shall indicate the hour and the date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Alteration

A report of casing and cement test shall be filed by the ~~owner~~ operator of the well within ten days following the setting of

each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the ~~owner~~ operator of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the ~~owner~~ operator of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun and the date the work was completed, a detailed account of the manner in which the work was performed including the depths and lengths of the various plugs set, the nature and quantities of materials employed in the plugging operations including the weight of the mud used, the size and depth of all casing left in the hole, and any other pertinent information. (See Rules 201-204 regarding plugging operations.)

No plugging report will be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the ~~owner of the plugged well~~ operator to contact the appropriate District Office of the

Commission when the location has been so restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. ~~The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report. (See Rule 1105.)~~

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the ~~owner~~ operator of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas, and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Among the remedial work to be reported on Form C-103 are the following:

(1) Report on shooting, fluid fracturing or chemical treatment of a previously completed well

(2) Report on squeeze job

(3) Report on setting of liner or packer

(4) Report of installation of pumping equipment or gas lift facilities

(5) Report of any other remedial operations which are not specifically covered herein

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the ~~owner~~ operator of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and

after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Reports on Wells

Reports on any other operations which affect the original status of the well but which are not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the ~~owner~~ operator of the ~~subject~~ well within ten days following the completion of such operation.

RULE 1104. ~~POTENTIAL TEST AND~~ REQUEST FOR ALLOWABLE ~~AND/OR CERTIFICATE OF COMPLIANCE~~ AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

(1) Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously.) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

(2) The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided

the Form C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

(3) No allowable will be assigned to any ~~oil~~ well ~~or a gas well to which~~ a standard unit for the pool in which ~~it~~ is completed ~~is not~~ dedicated ~~until~~ a non-standard unit ~~is approved,~~ or ~~until~~ a standard unit has been communitized or pooled and dedicated to the well.

(4) No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

(5) Form C-104 with Sections I, II, and III, completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of ownership, the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101.

(6) Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than

the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter. This paragraph is intended to deal primarily with authorized batch movements of oil by the operator for use as load oil, frac oil, etc.; eventual sale of this oil is governed by Rules 508 and 1126.

RULE 1105. WELL COMPLETION OR RECOMPLETION REPORT AND LOG (Form C-105)

Within 20 days following the completion or recompletion of any well, the ~~owner~~ operator shall file Form C-105 with the Commission. It must be filed in QUINTUPLICATE and each copy be accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radioactivity logs run on the well must be filed with Form C-105. If the Form C-105 with attached log(s) and summaries is not received by the Commission within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with.

In the case of a dry hole, a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, unless previously filed. The bond plugging report will not be approved nor the bond released until this rule has been complied with.

Form C-105 and accompanying attachments will not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well, provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or in any

court of law, regardless of the request that they be kept confidential.

RULE 1106. NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107. APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108. APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Section C.

RULE 1109. No Rule; there is no Form C-109 at present.

RULE 1110. No Rule, there is no Form C-110 at present.

RULE 1111. GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111, Gas Purchasers' Monthly Report, shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month to report all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission ~~and~~ and two copies with the Santa Fe Office of the Commission. One additional copy shall also be sent to the Hobbs Office of the Commission. Information on Sheet No. 2 of Form C-111 shall be itemized by pools and by operators, and by leases, in alphabetical order.

Form C-111 shall be filed each month by the operator of any gas gathering system, gas transportation system, recycling system, fuel system, gas lift system, gas drilling operation, etc. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken into any such system during the preceding month and shall show the source of the gas and the disposition thereof.

Form C-111 shall also be filed each month by the operator of any gasoline plant, cycling plant, or other plant at

are extracted from gas within the State of New Mexico. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken ~~into~~ by any such plant during the preceding month and shall show the source of the gas and the disposition thereof. If a plant operator owns more than one plant in a given OCC District, Sheet No. 1 of Form C-111 shall be filed for each such plant. In preparing Sheet No. 2, the plant operator shall consolidate all acquisitions for all plants in the District, itemized in the order described in the first paragraph of this rule. Where gas is taken by the producer and utilized by him for any of the above uses, the producer shall file Form C-111 itemizing such gas. The producer shall also include this gas on his Operator's Monthly Report, Form C-115. Gas used on the lease from which it was produced for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or gas which is flared, shall also be included on the Form C-115 but is not to be included on the Form C-111.

RULE 1112. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

Each transporter and ~~ea~~ each storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE 1113. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be post-marked on or before the 15th day of the next succeeding month.

RULE 1114. No Rule; there is no Form C-114 at present.

RULE 1115. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

> Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. ~~Repeated~~ Failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form ~~C-110~~ C-104 for the affected well or wells.

RULE 1116. GAS-OIL RATIO TESTS (Form C-116)

Gas-oil ratio tests shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Test, and any applicable special pool rules. This form shall be submitted in DUPLICATE.

RULE 1117. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A AND Form C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit,

shall be submitted in TRIPLICATE to the appropriate District Office of the Commission and in accordance with Rule 311(b), and ~~shall contain the following information:~~

~~(1)~~ Name of operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
~~(4)~~ Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission in accordance with Rule 311(c), and ~~shall contain the following information:~~

~~(1)~~ Name of transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
~~(6)~~ Disposition

RULE 1118. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE ~~in accord-~~ and shall contain all the information required ~~ance with Rule 312, and shall contain the following information:~~ thereon. Column 1 of Sheet 1-A of Form C-118, entitled "Permit Number," has reference to the Sediment Oil Recovery Permit, Form C-117-B, for each lot of oil picked up for processing.

~~(1)~~ Name of treating plant operator
(2) Location of plant or plants
(3) Source of each individual acquisition
(4) Number of permit authorizing acquisition
(5) Gross volume of sediment oil acquired from each source
(6) Net amount of pipeline oil recovered from each acquisition

RULE 1119. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month. In addition, Form C-111 shall be

filed each month in accordance with Rule 1111 if the Carbon Black Plant operator makes any purchase directly from a lease or operates any gas gathering or transmission system.

RULE 1120. MONTHLY INJECTION REPORT (Form C-120) AND MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE each month and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1121. PURCHASER'S NOMINATION FORMS (Form C-121 and Form C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to the Commission's statewide oil allowable hearing on nominations for the succeeding month. Nominations shall be filed each month by each person expecting to purchase oil from producing wells in New Mexico during the following month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

As an example purchaser's nomination during the month of August would be considered by the Commission at its mid-July hearing, and should be submitted to the Santa Fe Office of the Commission by July 1.

RULE 1122. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA SHEET - SAN JUAN BASIN (Form C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (Form C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS - DATA SHEET (Form C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B, and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1123. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The ~~owner or~~ operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office regarding the filing of Form C-123 in DUPLICATE.

RULE 1124. RESERVOIR PRESSURE REPORT (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom-hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

RULE 1125. GAS WELL SHUT-IN PRESSURE TESTS (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402 and any applicable special pool rules.

RULE 1126. PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104 (6).

RULE 1127. REQUEST FOR ALLOWABLE CHANGE (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

RULE 1128. FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which, upon approval, will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C (~~Rev. 5-63~~) (May 1963)	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331 (May 1963)	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330 (Rev. 5-63)	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipeline connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said rule - no other forms will be accepted.

Failure to comply with the provisions of this rule will result in the cancellation of Form C-104 for the affected well or wells.

IT IS FURTHER ORDERED:

(1) That Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Northwestern New Mexico, and Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Southeastern, New Mexico, both as promulgated by Commission Order No. R-1670, be amended to read in their entirety as follows:

"Each month each gas purchaser shall file with the Commission his nomination for the amount of gas which he actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. One copy of such "supplemental" nomination for each pool shall be submitted to the Commission's Santa Fe Office on Form C-121-A by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the succeeding month (see Rule 1121 of the Commission Rules and Regulations). When filing such supplemental nomination, operator shall indicate both his preliminary nomination and his supplemental nomination. The Commission will consider all such preliminary and supplemental nominations at its statewide allowable hearing between the 13th and the 20th days of each month to determine the reasonable market demand for gas during the ensuing month, and will issue a proration schedule setting out the amount of gas which each well may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each well on the schedule."

IT IS FURTHER ORDERED:

(1) That any reference ~~to~~ in any order, rule, regulation, memorandum, directive, or other instruction by the Commission to any form by name or by number which form name or number is superseded by a form name or number as the result of this order

shall be construed as having reference to the supersedant form name or number.

(2) That this order shall become effective at 7:00 A.M., JANUARY 1, 1965.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

Form C-105
Revised 1-1-65

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State ☐ Fee ☐

5. State Oil & Gas Lease No.

1a. TYPE OF WELL — OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION — NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well — UNIT LETTER ____ LOCATED ____ FEET FROM THE ____ LINE AND ____ FEET FROM THE ____ LINE OF SEC. ____ TWP. ____ RGE. ____ NMPM

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

25. Was Directional Survey Made

24. Producing Interval(s), of this completion — Top, Bottom, Name

27. Was Well Cored

26. Type Electric and Other Logs Run

CASING RECORD (Report all strings set in well)

28. CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

LINER RECORD

29. SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

30. SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

32. DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

PRODUCTION

33. Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)					Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)

Test Witnessed By

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED ____ TITLE ____ DATE ____

Exhibit 5
Order No. R-2761

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"		
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"		
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"		
T. Yates	T. Miss	T. Cliff House	T. Leadville		
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison		
T. Queen	T. Silurian	T. Point Lookout	T. Elbert		
T. Grayburg	T. Montoya	T. Mancos	T. McCracken		
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzte		
T. Glorieta	T. McKee	Base Greenhorn	T. Granite		
T. Paddock	T. Ellenburger	T. Dakota	T.		
T. Blinebry	T. Gr. Wash	T. Morrison	T.		
T. Tubb	T. Granite	T. Todilto	T.		
T. Drinkard	T. Delaware Sand	T. Entrada	T.		
T. Abo	T. Bone Springs	T. Wingate	T.		
T. Wolfcamp	T.	T. Chinle	T.		
T. Penn.	T.	T. Permian	T.		
T Cisco (Bough C)	T.	T. Penn. "A"	T.		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.

Unit Letter	Section	Township	Range	County

Actual Footage Location of Well:

feet from the line and feet from the line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
			Acres

1. **Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.**

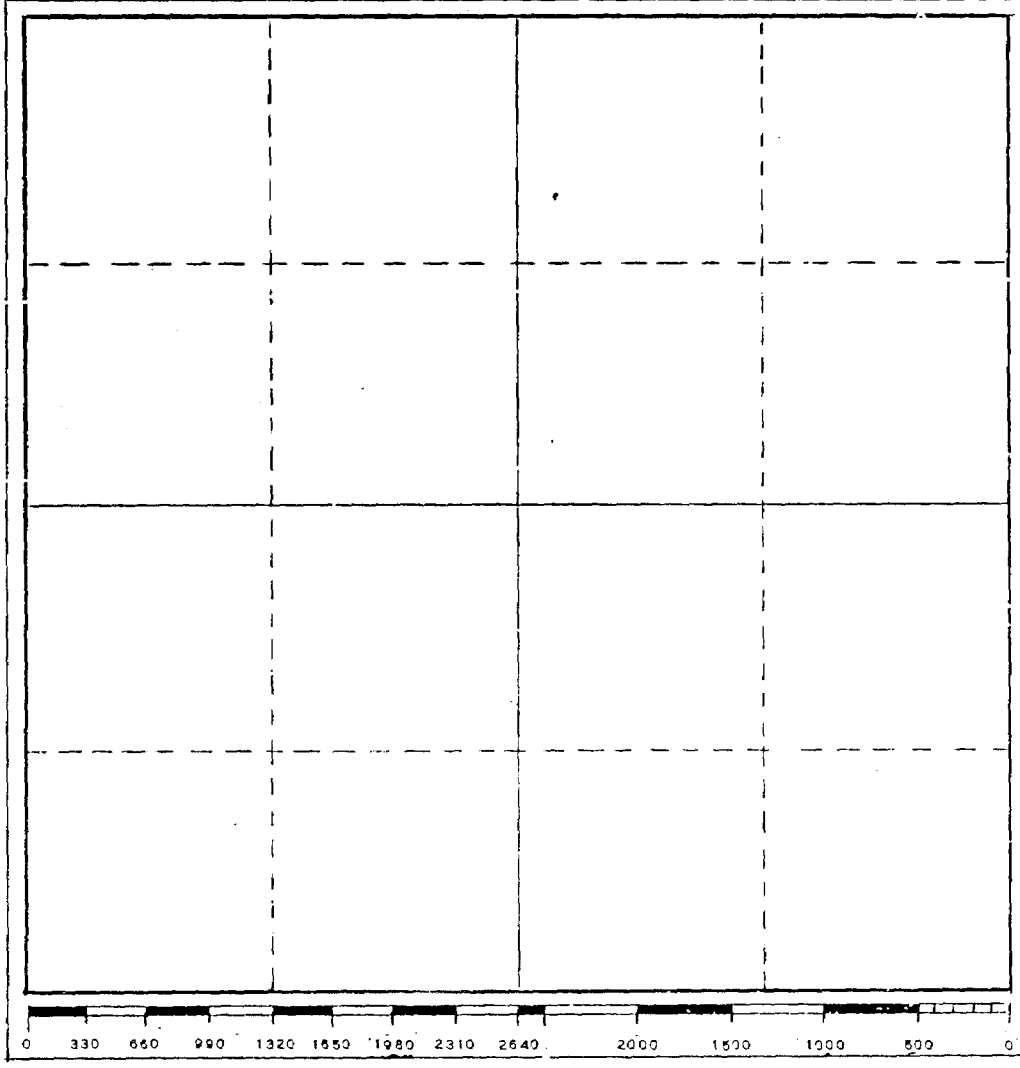
2. **If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).**

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Exhibit 2

Order No. R-2761

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Supersedes Old C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON ☐	REMEDIAL WORK	☐	ALTERING CASING ☐
TEMPORARILY ABANDON	☐		COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING	☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB	☐	
OTHER _____	☐		OTHER _____		☐

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 3

Order No. R-2761

DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator

Address

Reason(s) for filing *(Check proper box)*

New Well ☐
Recompletion ☐
Change in Ownership ☐

Change in Transporter of:
Oil ☐ Dry Gas ☐
Casinghead Gas ☐ Condensate ☐

Other *(Please explain)*

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee

Location

Unit Letter _____ ; _____ Feet From The _____ Line and _____ Feet From The _____ Line of Section _____ , Township _____ Range _____ , NMPM, _____ County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐					Address *(Give address to which approved copy of this form is to be sent)*	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐					Address *(Give address to which approved copy of this form is to be sent)*	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Exhibit 4
Order No. R-2761

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 1

Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-106
4-28-61

NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

ACT Permit No. _____

Operator _____ Field _____

Address _____ County _____

Lease(s) to be served by this ACT Unit _____

Pool(s) to be served by this ACT Unit _____

Location of ACT System: Unit _____ Section _____ Township _____ Range _____

Order No. authorizing commingling between leases if more than one lease is to be served by this

System _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system

_____ Date _____

Authorized transporter of oil from this system _____

Transporter's address _____ _____

Maximum expected daily through-put for this system: _____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by:

CHECK ONE

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of RULE 309-A

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If "A" above is checked, will flowing wells be shut-in at the header manifold or at the wellhead?

_____ Maximum well-head shut-in pressure _____

If "B" above is checked, how much storage capacity is available above the normal high working level of the

surge tank _____ BBLS.

What is the normal maximum unattended time of lease operation? _____ Hours.

What device will be used for measuring oil in this ACT unit?

CHECK ONE

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; describe _____

_____

Remarks: _____

_____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with RULE 309-A.

Approved, Oil Conservation Commission By _____

By _____ Title _____

Title _____ Date _____

Approval of Form C-106 does not eliminate the necessity of an approved C-104 prior to running any oil or gas from this system.

Exhibit 6

Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES_____ NO_____
2. If answer is yes, identify one such instance: Order No._____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please check YES or NO)

Yes	No	
☐	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☐	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☐	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES_____ NO_____. If answer is yes, give date of such notification_____.

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Exhibit 7
Order No. R-2761

_____
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

_____ _____ _____

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Exhibit 8
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
GAS PURCHASERS MONTHLY REPORT

Form C-111 Sheet No. 1
Supersedes old Form C-111 & C-114
Effective 1-1-65

Operator and Address	Plant	Month

REPORT ALL VOLUMES OF GAS IN MCF AT 15.025 PSIA AND 60°F

SECTION I – Volume of Gas Taken	VOLUME – MCF
Total Gas From Oil Wells (Detail on Sheet 2)	
Total Gas From Gas Wells (Detail on Sheet 2)	
Total Gas From Other Sources (Detail on Sheet 2)	
TOTAL TAKES	
Gasoline or Other Extraction Plant Only:	
Deduct Volume That By-Passed Plant and Was Not Processed	
TOTAL PLANT INPUT	

SECTION II – Disposition		ITEM	UNPROCESSED GAS VOLUME MCF	ITEM	PLANT RESIDUE
Lease Use	Detail Below	a.		h.	
Gas Drilling Operation	" "	b.		i.	
Gas Lift	" "	c.		j.	
Fuel System	" "	d.		k.	
Returned to Lease For Fuel	" "	e.		l.	
Returned to Earth	" "	f.		m.	
Sold or Other Disposition	" "	g.		n.	
Plant Fuel					
Vented					
Shrinkage					
Totals					
GRAND TOTAL – ALL DISPOSITION					

SECTION III – Detail of Disposition *(Show each individual disposition of items above.)*
(Attach additional sheets if necessary)

ITEM	NAME AND ADDRESS OF PURCHASER OR USER	USED FOR	VOLUME – MCF

SECTION IV – Plant Production, Receipts, Deliveries, and Stock in Barrels of 42 U.S. Gallons.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

Remarks: _____

Signature _____ Title _____ Date _____

Exhibit 9
Order No. R-2761

Form C-111
Sheet No. 2
Supersedes Old C-111 and C-114
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASER'S MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)

...CER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

Exhibit 9-A
Order No. R-2761

Form C-112
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
			TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

Exhibit 10
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

Form C-113
Revised 1-1-65
Sheet No. 1

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Distillates							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS
(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Exhibit 11
Order No. R-2761

Form C-113
Sheet No. 2
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

Exhibit 11-A
Order No. R-2761

STATEWIDE FORM C-115 REV. 10-1-61
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

(Company or Operator) _____ (Address) _____ FOR MONTH OF _____ Page ____ of ____

WELL NO. UNIT SEC. TWP. RNG. / POOL NAME (UNDERLINE)	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS						DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		

"STATUS CODE"
F - - - - - FLOWING
P - - - - - PUMPING
G - - - - - GAS LIFT
S - - - - - SHUT IN
T - - - - - TEMP. ABANDONED
I - - - - - INJECTION

"OTHER" GAS DISPOSITION CODE
X - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
O - - - - USED FOR DRILLING }
G - - - - GAS LIFT
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

_____ _____
(SIGNATURE) (DATE)

_____
(POSITION)

Exhibit 12
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

STATEWIDE FORM C-115-EDP
SUBMIT ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

(Company or Operator) (Address) (Date) (Page)

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS							DISPOSITION OF OIL						
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	GAS LIFT	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO PIPELINE	BARRELS TO TRUCKS	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING O L
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

"OTHER" GAS D SPOS TION CODE
U - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
P - - - - USED FOR DR LLING }
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(POSITION)

Exhibit 13
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

GAS – OIL RATIO TESTS

C-116
Revised 1-1-65

Operator	Pool	County
Address	TYPE OF TEST – (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS M.C.F.	GAS – OIL RATIO CU.FT/BBL

Exhibit 14
Order No. R-2761

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Form C-117A
1-1-59

NEW MEXICO OIL CONSERVATION COMMISSION

SEDIMENT OIL DESTRUCTION PERMIT

Operator _____ hereby requests authority

to destroy the following described sediment oil: _____

Name of lease _____

Location of lease _____

Type of sediment oil (Pit oil, tank bottoms, etc.) _____

Estimated gross volume, barrels _____

Reason why sediment oil cannot be salvaged: _____

_____

_____

_____

_____

_____

_____

_____

Operator _____

By _____

Title _____

Date _____

Approved _____ 19 _____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 15
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
SEDIMENT OIL RECOVERY PERMIT

Form C-117-B
1-1-59

Permit Number _____

Date _____

Oil Conservation Commission
State of New Mexico

Gentlemen:

We the undersigned hereby request authority to remove the following described sediment oil from the lease for purposes of reclamation. It is understood that any merchantable oil derived from said sediment oil will be charged against the allowable for wells on the subject lease.

Name of lease _____

Location of lease _____

Type of sediment oil (Tank bottoms, Pit oil, etc.) _____

Estimated gross volume, Barrels _____

Sediment oil to be transported to: (Name and location of treating plant) _____

_____

_____

_____

Remarks: _____

_____

_____

_____

_____

_____

Yours very truly,

Lease Operator _____ Oil Transporter _____

By _____ By _____

Title _____ Title _____

Date _____ Date _____

Approved _____ 19_____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 16
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

TREATING PLANT OPERATOR'S MONTHLY REPORT

Form C-118
Revised 1-1-59
Sheet 1

Report of _____ Month of _____

Address _____
(Street) (City) (State)

TOTAL STOCKS PIPELINE OIL BEGINNING OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

TOTAL PIPELINE OIL RECOVERED (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

DELIVERIES PIPELINE OIL (Attach additional sheets if necessary)		
FROM	TO	BARRELS
	TOTAL ALL PLANTS	

TOTAL STOCKS PIPELINE OIL END OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

Exhibit 17
Order No. R-2761

I hereby certify that this report is true and complete to the best of my knowledge and belief.

NAME OF TREATING PLANT OPERATOR _____

By _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

PIPELINE QUALITY OIL RECOVERED BY TREATING PLANTS

Form C-118
(Revised 1-1-59)
Sheet 1 A

PERMIT NUMBER	LEASE OPERATOR	LEASE NAME	GROSS VOLUME SEDIMENT OIL	NET BBLS. P.L. OIL RECOVERED

Exhibit 17-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-119
Revised 1-1-65

CARBON BLACK PLANT REPORT

Month	
Operator	
Plant Name	Process
County	Field
Date	Rated Capacity – MCF Gas Daily / Recovery/MCF

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR. PER 100 CU. FT.	MTHLY. VOL. MCF.
1.					
2.					
3.					
4.					
5.					
TOTAL					
Estimated Average B.T.U.					

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Exhibit 18
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-120
(Revised 5-1-60)

MONTHLY INJECTION REPORT

Submit this report in triplicate to the District Office, Oil Conservation Commission.

Company _____ Pool _____

County _____ Month _____

INJECTION WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	MCF GAS INJECTED	CUMULATIVE GAS INJ.	BBLS. WATER INJECTED	CUMULATIVE WATER INJ.	AVG. INJ. PRESSURES
TOTAL										

PRODUCING WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	BBLS. OIL PRODUCED	MCF GAS PRODUCED	GOR	BBLS. WATER PRODUCED	% WATER PRODUCED
TOTAL										

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	DATE OF TEST	LENGTH OF TEST	BARRELS PRODUCED	BARRELS PER DAY
Exhibit 19 Order No. R-2761									

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Remarks: _____ NAME _____

_____ TITLE _____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-120-A
3-30-60

MONTHLY WATER DISPOSAL REPORT

Submit this report in triplicate to the approriate District Office, Oil Conservation Commission.

Disposal System
Operator _____ Disposal System _____

County _____ Month _____ 19 ____

LEASE	WELL NO.	LOCATION				DISPOSED WATER BARRELS	CUMULATIVE DISPOSED WATER-BARRELS	AVERAGE INJECTION PRESSURES
		UL	S	T	R			

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico

Form C-121
Revised (12/1/55)

CRUDE OIL PURCHASER'S NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission that Crude Oil Purchase Nominations be submitted not later than five days prior to said Commission's statewide proration hearing on nominations for the succeeding month, the undersigned purchaser's daily nomination for the month of....., 19....., is as follows:

1. All purchases from producing wells in all pools in Eddy, Lea, Chaves and Roosevelt Counties (1) . . . .Bbls./day

2. All purchases from producing wells in all pools in San Juan, McKinley and Rio Arriba Counties (1) . . . .Bbls./day

3. Total nomination for all producing wells in state . . . .Bbls./day

4. Additional purchases from all other sources to satisfy purchase requirements (2) . . . .Bbls./day

5. Total nominations . . . .Bbls./day

6. The total purchases from producing wells for the second month preceding date of this nomination was: Month _____ 19___ .....Bbls.

Dated this.....day of....., 19.....

Notes:
(1)- List Nominations by pools on Attached Sheet.
(2)- List Sources and Quantities on an attached sheet.

.....
(Name of Purchasing Company)

By:.....
(Name of Agent)

SWORN TO AND SUBSCRIBED Before me this the.....day of ....., 19.....

Exhibit 21
Order No. R-2761

.....
Notary Public

Form C-121-A
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the _____ _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

Exhibit 21-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool		Formation			County
Initial	Annual	Special		Date of Test	
Company		Lease			Well No.
Unit	Sec.	Twp.	Range	Purchaser	
Casing	Wt.	I.D.	Set at	Perf.	To
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL	Bar. Press.
Producing Through:	Casing	Tubing	Type Well – Single – Braden head – G.G. or G.O. Dual		
Date of Completion	Packer	Reservoir Temp.			

OBSERVED DATA

Tested Through: Prover ☐ Choke ☐ Meter ☐ Type of Taps

No.	FLOW DATA (Prover) (Line) Size	FLOW DATA (Choke) (Orifice) Size	FLOW DATA Press. psig.	FLOW DATA Diff. h_w	FLOW DATA Temp. °F.	TUBING DATA Press. psig.	TUBING DATA Temp. °F.	CASING DATA Press. psig.	CASING DATA Temp. °F.	DURATION OF FLOW HR.
SI										
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF.P D @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ $(1-e^{-S})$ _____ P_c _____ P_c^2 _____

No.	P_w / P_t psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$\frac{(F_c Q)^2}{(1-e^{-S})}$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: _____ MCFPD; n _____

COMPANY _____ WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE _____

Exhibit 22
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

INITIAL POTENTIAL TEST DATA SHEET

Form C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

Pool _____ Formation _____

County _____ Date Well Tested _____

Operator _____ Lease _____ Well No. _____

Unit Letter _____ Section _____ Township _____ Range _____

Casing O.D. _____ Wt. _____ Set At _____ Tubing O.D. _____ Wt. _____ Set At _____

Pay Zone: From _____ To _____ Gas Gravity: Meas. _____ Est. _____

Tested Through: Casing _____ Tubing _____

Test Nipple _____ I.D. Type of Gauge Used: Spring ☐ Monometer ☐

OBSERVED DATA

Shut-In Pressure: Casing _____ Tubing _____ S.I. Period _____

Time Well Opened _____ Time Well Gauged _____ Impact Pressure _____

Volume (Table I)		(a)
Multiplier For Pipe or Casing (Table II)		(b)
Multiplier For Flowing Temperature (Table III)		(c)
Multiplier For Sp. Gravity (Table IV)		(d)
Avg. Barometer Pressure at Wellhead (Table V)		
Multiplier For Barometric Pressure (Table VI)		(e)
Initial Potential, MCF/24 Hrs.	(a) x (b) x (c) x (d) x (e) =	

Witnessed By: _____ Tested By _____

Company: _____ Company _____

Title: _____ Title _____

Exhibit 23

Order No. R-2761

Form C-122-C
1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
One-point Back-Pressure Test for Gas Wells
(Deliverability Test at Deliverability Pressure P_d of 80% of Well's Shut-in Pressure P_c)

Pool _____ Formation _____ County _____
Initial _____ Annual _____ Special _____ Date of Test _____
Company _____ Lease _____ Well No. _____
Unit _____ Section _____ Township _____ Range _____ Purchaser _____
Casing _____ Wt. _____ I.D. _____ Set at _____ Perf. from _____ to _____
Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. from _____ to _____
Gas Pay from _____ to _____ L _____ G _____ G x L _____ Bar. Press. _____
Producing Through Casing or Tubing _____ Type of Well (Single, Dual, etc.) _____

FLOW DATA

Started		Taken		Duration Hours	Type Taps	Line Size	Orifice Size	Static Press.	Differential	Flow Temp.
Date	Time	Date	Time							
	AM		AM							
	PM		PM							

FLOW CALCULATIONS

Static Pressure P_f	Differential h_w	Meter Extension $\sqrt{P_f h_w}$	24-hour Coefficient	Gravity Factor F_g	Temp. Factor F_t	Compressibility F_{pv}	Rate of Flow MCF/Day @ 15.025 psia Q

SHUT-IN DATA

Shut-in		Press. Taken		Duration Hours	Wellhead Pressure (P_c) psia		FLOW DATA W.H. Working Pressure (P_w) and (P_t) psia	
Date	Time	Date	Time		Tubing	Casing	Tubing	Casing
	AM		AM					
	PM		PM					

FRICTION CALCULATIONS (if necessary)

DELIVERABILITY CALCULATIONS

P_w _____ P_c _____ P_w/P_c _____ P_d _____

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
$1 - \frac{P_w}{P_c}$	$1 + \frac{P_w}{P_c}$	$\left(1 - \frac{P_w}{P_c}\right)\left(1 + \frac{P_w}{P_c}\right)$	0.75/Col. 3	n	Q
	(a)		(b)		(c)

Log Col. 4 _____ Log Col. 5 _____ Log Col. 6 _____

(a) x (b) + (c) = Log D = _____. D, Deliverability, = _____ MCF/Day

Company _____ By _____ Title _____

Witnessed by _____ Company _____

Exhibit 24 Order No. R-2761

Form C-122-A
Revised April 20, 1955

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation _____ County____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease _____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To _____ * Date S.I.P. Measured_____

Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt) ____	psig + 12 =	psia	(a)
Flowing tubing pressure (Dwt)	psig + 12 =	psia	(b)
Flowing meter pressure (Dwt)	psig + 12 =	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading	psig + 12 =	psia	(d)
Square root chart reading (_____)^2 x spring constant	=	psia	(d)
Meter error (c) - (d) or (d) - (c)	± =	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing; (a) - (c) Flow through casing	=	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading	psig + 12 =	psia	(g)
Square root chart average reading (_____)^2 x sp. const.	=	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	psia	(h)
P_t = (h) + (f)	=	psia	(i)
Wellhead casing shut-in pressure (Dwt)	psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	psia	(l)
Flowing Temp. (Meter Run) °F + 460	=	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	psia	(n)

FLOW RATE CALCULATION

$$Q = \text{_____ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \text{____} = \text{____} \right)^{\bullet} = \text{_____ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q\text{_____} \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{\text{____}}{\text{____}} \right]^{n} \text{_____} = \text{_____ MCF/da.}$$

SUMMARY

P_c = _____ psia
Q = _____ Mcf/day
P_w = _____ psia
P_d = _____ psia
D = _____ Mcf/day

Company_____
By_____
Title_____
Witnessed by_____
Company_____

• This is date of completion test.

• Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(F_cQ)^2}{R^2}\ (1-e^{-S})$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w

Exhibit No. 25
Order No. R-2761.

Form C-122-A

Revised April 20, 1955

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation_____ County_____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease_____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To_____ * Date S.I.P. Measured_____

Meter Run Size_____ Orifice Size_____ Type Chart_____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt)	_____ psig + 12 =	_____	psia	(a)
Flowing tubing pressure (Dwt)	_____ psig + 12 =	_____	psia	(b)
Flowing meter pressure (Dwt)	_____ psig + 12 =	_____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:				
Normal chart reading	_____ psig + 12 =	_____	psia	(d)
Square root chart reading (_____)^2 x spring constant	_____ =	_____	psia	(d)
Meter error (c) - (d) or (d) - (c)	± =	_____	psi	(e)
Friction loss, Flowing column to meter:				
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	=	_____	psi	(f)
Seven day average static meter pressure (from meter chart):				
Normal chart average reading	_____ psig + 12 =	_____	psia	(g)
Square root chart average reading (_____)^2 x sp. const.	_____ =	_____	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	_____	psia	(h)
P_t = (h) + (f)	=	_____	psia	(i)
Wellhead casing shut-in pressure (Dwt)	_____ psig + 12 =	_____	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	_____ psig + 12 =	_____	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	_____	psia	(l)
Flowing Temp. (Meter Run)	_____ °F + 460 =	_____	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	_____	psia	(n)

FLOW RATE CALCULATION

$$Q = \underline{\quad}\ (\text{Integrated}) \times \left(\frac{\sqrt{(c)}}{\sqrt{(a)}} = \frac{\quad}{\quad} = \quad \right)^{n} = \quad \text{MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{\quad}{\quad} \right]^{n} = \quad \text{MCF/da.}$$

SUMMARY

P_c = _____ psia

Q = _____ Mcf/day

P_w = _____ psia

P_d = _____ psia

D = _____ Mcf/day

Company_____

By_____

Title_____

Witnessed by_____

Company_____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-S})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w

Exhibit 26

Order No. R-2761

(Form C-123)
(Revised 7/1/52)

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
State of New Mexico

Date....., 19.....

The.....
Name of Operator Name of Lease

.....Located.....feet from the.....line and.....feet
Well No.

from the.....line of.....
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted herewith on form C-105, we hereby request that the.....

pool be extended to include the following described area.....

.....

or that a new pool be created to include the following described area.....

.....

Suggested name: .....

.....
Operator

Name of Producing Formation:.....

....
Representative

Exhibit 27
Order No. R-2761

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA*: PROD. TEST (BBLS./DAY) OIL	WATER	LIQUID LEVEL	LIQUID GRADIENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

Exhibit 28
Order No. R-2761

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL SHUT-IN PRESSURE REPORT

Form C-125
Revised 1-1-65

Operator	Address	Pool	County

LEASE	WELL NO.	LOCATION				DATE PRESS. RUN	TIME S.I. HRS./MIN.	S.I. PRESSURE PSIG (DWT)	S.I. PRESSURE PSIA	PREV. TEST DATE
		UNIT	SEC.	TWP.	RGE.					

Exhibit 29
Order No. R-2761

I hereby certify that the above information is true and complete to the best of my knowledge and belief. SEE RULE 402

Signature _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-11
REVISED 1-1-65

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) *(Date)*

Exhibit 30
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-127
Revised 1-1-65

REQUEST FOR ALLOWABLE CHANGES

One copy of Form C-127 shall be filed with the appropriate District Office of the Oil Conservation Commission not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.

Date _____

The following allowable changes for the month of _____ 19____

are hereby requested by _____
Operator

_____
Address

No well can be assigned an allowable greater than the amount of oil produced on the latest G.O.R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.

POOL	LEASE	WELL NO.	UNIT	S	T	R	ALLOWABLE REQUESTED	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing _____
Operator

Signed _____

Title _____

Exhibit 31
Order No. R-2761

Adopted
1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____ _____, being of lawful age and having full
Name of party making report
knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19____

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

Exhibit 32
Order No. R-2761

Form C-105

MAIN OFFICE OCC

1964 JUL 23 AM 8 00

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API — (Corr.)

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

Porter

A SUGGESTED SET OF FORMS
FOR USE BY
OIL AND GAS OPERATORS
IN MAKING ROUTINE REPORTS TO
STATE CONSERVATION AUTHORITIES

Prepared by

The Regulatory Practices Committee
Interstate Oil Compact Commission
P. O. Box 3127
Oklahoma City 5, Oklahoma

Mr. [illegible] Ocean Drilling & Exploration Co.
Mr. Jack L. Kemler, Kemler-Nelson Drlg. Co., Omaha, Neb.

INTRODUCTION

These forms are a result of a long period of study by the Regulatory Practices Committee of the Interstate Oil Compact Commission.

In 1946 Mr. T. A. Morgan, Director of the Kansas Corporation Commission and then Chairman of the Regulatory Practices Committee, appointed a subcommittee to prepare forms that would be uniform in each state. This subcommittee consisted of T. A. Morgan, Chairman; Lawrence R. Alley of the Oklahoma Corporation Commission; and Glenn Staley of the New Mexico Oil Conservation Commission. This subcommittee invited G. L. Tate of Dallas as an advisor and with his help they prepared eleven separate forms which were adopted by the committee and suggested for use in the various states. Some were adopted but the forms were never universally used. The objective was only partially accomplished.

Since 1946 the first suggestion for standard forms was made at a meeting of the Regulatory Practices Committee in June of 1955 by Mr. O. P. Nicola, Jr. of Bartlesville. Mr. Nicola suggested a little different procedure. That the Regulatory Practices Committee appoint an Industry Subcommittee to prepare forms for the committee's approval.

This was approved by the committee and T. A. Morgan, Chairman of the Regulatory Practices, under authority given to him by action of the entire committee in Santa Fe, New Mexico in November, 1955, appointed Mr. Nicola as Chairman of the Industry Subcommittee with authority to select the other industry representatives thereon. The following committee was designated:

Mr. O. P. Nicola, Jr., Chairman	Phillips Petroleum Company Bartlesville, Oklahoma
Mr. R. E. Adams	Cities Service Oil Company Bartlesville, Oklahoma
Mr. V. D. Arnold	Sinclair Oil and Gas Company Tulsa, Oklahoma
Mr. A. R. Ballou	Sun Oil Company Dallas, Texas
Mr. John C. Brooks	The Texas Company Houston, Texas
Mr. Paul N. Colliston	Continental Oil Company Houston, Texas
Mr. S. F. Holmesly	Humble Oil & Refining Company Houston, Texas
Mr. H. C. Lay	Shell Oil Company Tulsa, Oklahoma
Mr. P. P. Manion, Jr.	Pan American Petroleum Corporation Tulsa, Oklahoma
Mr. Fred H. Pennington	Magnolia Petroleum Company Dallas, Texas
Mr. F. T. Stebbins	Gulf Oil Corporation Tulsa, Oklahoma
(Mr. Stebbins replaced Mr. Raymond K. Pearson, also of Gulf Oil Corporation, on August 31, 1956)	
Mr. F. Norman Woodruff	El Paso Natural Gas Company El Paso, Texas
Mr. John H. Zanon	The California Company New Orleans, Louisiana

This Industry Subcommittee had three meetings and designated other subcommittees that held numerous meetings. Thereafter the entire subcommittee made a full report to the Regulatory Practices Committee at Miami Beach, Florida, December 6, 1956, at which time the forms were discussed in great detail. This subcommittee made a further report at the meeting of the Regulatory Practices Committee at Yellowstone Park, Wyoming, June 10, 1957, which resulted in the following action.

Mr. Ray C. Jones, Chairman of the Regulatory Practices Committee, then appointed a subcommittee composed of members of the Regulatory Practices Committee and regulatory authorities to review the work of the Industry Subcommittee. This committee was as follows:

Mr. Olin Culberson	Commissioner, Texas Railroad Commission Austin, Texas
Mr. Dan Dunnett	Oklahoma Corporation Commission Oklahoma City, Oklahoma
Mr. Ed Albares	Louisiana Dept. Conservation Baton Rouge, Louisiana
Mr. John Roberts	Kansas Corporation Commission Wichita, Kansas

This subcommittee met in Dallas, Texas, September 17, 1957 and reviewed and amended the report of the Industry Subcommittee in several particulars, and reviewed suggestions presented by numerous people, particularly Olin Culberson of Texas, G. W. Yoder of Montana, Clarence B. Folsom, Jr. of North Dakota, James T. Cawley of Saskatchewan, and M. R. McArthur of Wyoming.

It is my conservative estimate that more than one thousand man hours of actual work has been expended by all the people involved in preparing these suggested report forms. We believe that they represent the best thinking of both the regulatory authorities and the industry.

Earl Foster
Executive Secretary
Dec. 2nd, 1957

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Report to be Filed by Refiners

Refiners' Monthly Report—Form R-1 (4 sheets)

Report to be Filed by Carbon Black Plant Operators

* Carbon Black Plant Report—Form C-1

* See Paragraph 1 of Preface.

NOTICE

Each of the Recommended Uniform Forms, except the Bond (Form P-2), provides for execution under oath before a notary Public.

There is a trend to eliminate the execution of the affidavit before a Notary Public. In the event a state regulatory authority agency wishes to eliminate this affidavit before a Notary Public, it is suggested that the following certificate be substituted for the oath without changing the forms in any other respect:

CERTIFICATE: I, the undersigned, state that I am the_____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

_____
Signature

PREFACE

Of the thirty-two forms presented, twenty-five are considered and recommended to be complete and adequate for the proper administration of conservation of oil and gas. The remaining seven forms, designated by an asterisk in the table of contents, are, in the opinion of the Committee, unnecessary to the efficient administration of conservation. Nevertheless, these seven forms are presented in the interest of uniformity for use in the states which may continue to require forms of this type.

No instructions with respect to weight and quality of paper, number of copies, distribution or time for filing have been entered on any form. Such instructions should be added by any state regulatory agency which may adopt the forms.

Each form has been designated by a Form Number. In the interest of uniformity, it is urged that any state adopting these forms also adopt the Form Number here recommended. It will be noted that the Form "Organization Report" has not been assigned a number, since this form applies to all types of operators. Reports filed by oil producers are numbered with the prefix P, for "producer". Gas forms are numbered with the prefix G. Transporters' form is given the prefix T. Refiners form—R, and the Carbon Black Plant Operators Report Form has the prefix C.

Insofar as possible, all forms were prepared on paper of size 8½x11 inches for ease of handling and filing.

Title of each form appears at top and also in lower right hand corner for ease in identification after filing.

States using lease numbers should revise form to show lease number after lease name.

Organization Report. It is recommended that this form be filed at the time an organization commences doing business subject to the jurisdiction of a regulatory body, and thereafter only at such time as there is a change in the principal officers or directors of such organization.

Forms Numbers P-3, P-4, and P-5, providing for multiple completions, and **Form No. P-16,** providing for salt water disposal projects, are designed for administrative handling under certain conditions. It is contemplated that the first such application pertaining to certain specific sands or reservoirs in a field or area would be subject to notice and public hearing. If the first application be so approved, all future applications affecting the same sands or reservoirs in the same field or area would be handled administratively, with proper notice to adjoining lease owners, and the opportunity afforded such lease owners to voice objections.

Form No. P-13—Report of Injection Project—can be used either alone or in conjunction with **Form G-9—Gasoline Plant or Pressure Maintenance Plant Monthly Report.**

Forms Nos. G-1 and G-2 pertaining to gas well tests are designed to be used in conjunction with a manual of gas well testing, now being developed by the Interstate Oil Compact Commission Engineering Committee.

Form No. G-8—Gas Purchasers' Monthly Report and Form No. G-9—Gasoline Plant or Pressure Maintenance Plant Monthly Report.—A supplemental form designated DETAIL OF INTAKE VOLUME is appended to Forms G-8 and G-9. This form has been prepared for use with IBM No. 403 tabulator in reporting gas volumes taken from wells and leases. The summary portion of Forms G-8 and G-9, because of complexity, should be done by hand rather than to attempt machine preparation. The data on this machine form "DETAIL OF INTAKE VOLUME" differs slightly from that requested on the similar forms for manual preparation. The addition of detailed well-location, which is presently required in some states, can easily be placed on the report when it is being prepared by IBM. The Subcommittee does not recommend showing detailed well location when DETAIL OF INTAKE VOLUME is prepared by hand.

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual

Post Office Address (Box or Street Address)

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and postoffice address of state agent	(3) Date of permit to do business in state

Principal Officers or Partners (if partnership) NAME	TITLE	POSTOFFICE ADDRESS

DIRECTORS NAME	POSTOFFICE ADDRESS

Executed this the _____ day of _____, 19____.

State of _____ }
County of _____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

_____
Notary Public in and for _____
County, _____

My commission expires _____

Name of Regulatory Body _____

Organization Report

Form No.

Authorized by Order No. _____

Effective _____, 19____.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR | DATE

Address | City | State

DESCRIPTION OF WELL AND LEASE

Name of lease | Well number | Elevation (ground)

Well location (give footage from section lines) | Section—township—range or block & survey

Field & reservoir (If wildcat, so state) | County

Distance, in miles, and direction from nearest town or post office

Nearest distance from proposed location to property or lease line: feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet

Proposed depth: | Rotary or cable tools | Approx. date work will start

Number of acres in lease:

Number of wells on lease, including this well, completed in or drilling to this reservoir:

If lease, purchased with one or more wells drilled, from whom purchased: Name | Address

Status of bond

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

P-1

Executed this the ..... day of ....., 19....

State of .....
County of .....

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared ..... known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this ..... day of ....., 19....

SEAL

My commission expires.....

Notary Public in and for .....
County, ...

Permit Number: .....

Approval Date: .....

Approved By: .....

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

See Instruction on Reverse Side of Form

Name of Regulatory Body .....

Application to Drill, Deepen or Plug Back

Form No. P-1

Authorized by Order No. .....

Effective ....., 19....

BOND

KNOW ALL MEN BY THESE PRESENTS,

That we: _____

of the County of: _____ in the State of: _____

as Principal, and _____

of _____

as surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas, or stratigraphic purposes in and upon the following described land situated within the State, to wit:

_____

(May be used as blanket bond or for single well)

_____

_____

_____

_____

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Conservation Commission of the State, especially with reference to the proper plugging of said well or wells, and filing with the Oil and Gas Conservation Commission of this State all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of

_____

Witness our hands and seals, this _____ day of _____

_____

_____

Principal

Witness our hands and seals, this _____ day of _____

_____

_____

Surety

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved _____
Date

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF

_____

_____
Executive Secretary or Counsel

Name of Regulatory Body _____

Bond

Form No. P-2

Authorized by Order No. _____

Effective _____, 19 ____

Field Name _____ County _____ Date _____

Operator _____ Lease _____ Well No. _____

Location of Well _____

1. Have the reservoirs herein requested to be used for multiple completion heretofore been approved for multiple completion by the _____ after notice and hearing?

2. Identify one instance (operator, lease, well number) wherein the _____ granted multiple completion involving these same reservoirs in this field.

3. The following facts are submitted:

a. Name of reservoir

b. Top and bottom of pay section (perforations)

c. Type of production (Oil or Gas)

d. Method of Production (Flg. or Art. Lift)

4. The following are attached. (Please mark YES or NO)

_____ a. Electrical log or other acceptable log with tops and bottoms of producing zones and perforated intervals shown and marked.

_____ b. Packer Setting Report.

_____ c. Diagrammatic Sketch of Multiple Completion Installation.

_____ d. Packer Leakage Test.

_____ e. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases and the names and addresses of operators of all leases off-setting applicant's lease.

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Presently in 6th OCC

6. _____ The operators listed in Item 5 above have been notified and furnished a copy of this application. (Yes or No)

Date furnished _____

7. _____ Waivers consenting to such multiple completion from each of the above offset operators attached. (Yes or No)

8. _____ Copies of letters requesting such waivers from each of these offset operators attached, in lieu of waivers. (Yes or No)

Executed this the _____ day of _____, 19_____

State of _____ }
County of _____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19_____.

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

Should all necessary waivers not accompany application, _____ shall hold such application for a period of ten (10) days from date of receipt in _____ If, after said ten day period, no protest or request for hearing is received in the _____, the application will then be processed.

Name of Regulatory Body _____

Application for Multiple Completion

Form No. P-3

Authorized by Order No. _____

Effective _____, 19_____.

PACKER SETTING REPORT

I, _____ (Name of party making affidavit), being of lawful age and having full knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of _____,

that on _____, 19____ I personally supervised the setting of a _____ (Make & type of packer)

in _____ (Operator of well) _____ (Lease name),

Well no. _____ located in the _____ field, _____

county, state of _____, at a subsurface depth of _____ feet,

said depth measurement having been furnished me by _____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

M 14-01K

Executed this the _____ day of _____, 19____

State of _____ }
County of _____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

_____
Notary Public in and for _____
County, _____

My commission expires _____

Name of Regulatory Body _____

Packer Setting Report

Form No. P-4

Authorized by Order No. _____

Effective _____, 19____

PACKER LEAKAGE TEST

Field Name | County

Operator | Address

Lease | Well Number | Location

TEST NO. 1

Well Shut In Date	Well Shut In Time	Completion Producing (Indicate Casing or Tubing)	Reservoir	Completion Shut In (Indicate Casing or Tubing)	Reservoir

DATA ON PRODUCING COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.)	Producing Completion—Well Opened: Date	Time	Choke Size (Inches)	Stabilized Flowing Pressure During Test (P.S.I.)

Time Required For Stabilization of Flowing Pressure (Hrs)	Stabilized Shut In Pressure At End of Test (P.S.I.)	Time Required For Obtaining This Stabilized Shut In Pressure (HRS)

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior To Test (P.S.I.)	Shut In Pressure During Test: Minimum (P.S.I.)	Maximum (P.S.I.)	Stabilized Shut In Pressure at the End of Test: (P.S.I.)

Length of Time Required For Obtaining Stabilized Pressure at End of Test (HRS.)	Maximum Pressure Change of Shut-In Completion During Test Increase (P.S.I.)	Decrease (P.S.I.)

TEST NO. 2

Well Shut In Date	Well Shut In Time	Same Well-Bore as Test No. 1 But With: Completion Producing (Indicate Casing or Tubing)	And	Completion Shut In (Indicate Casing or Tubing)

DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.)	Producing Completion—Well Opened: Date	Time	Choke Size (Inches)	Stabilized Flowing Pressure During Test (P.S.I.)

Time Required for Stabilization of Flowing Pressure (HRS)	Stabilized Shut In Pressure at End of Test (P.S.I.)	Time Required for Obtaining This Stabilized Shut In Pressure (HRS)

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.)	Shut In Pressure During Test: Minimum (P.S.I.)	Maximum (P.S.I.)	Stabilized Shut In Pressure At The End of Test (P.S.I.)

Length of Time Required For Obtaining Stabilized Pressure at End of Test (Hrs)	Maximum Pressure Change of Shut In Completion During Test: Increase (P.S.I.)	Decrease (P.S.I.)

Class of Completion Testing, Whether Oil Well or Gas Well: Tubing	Casing	Was The _____ Notified of Test 24 Hours Prior to The Shut In of Both Completions At The Start of Test (Yes or No)

Executed this the _____ day of _____, 19____.

State of _____)

County of _____)

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

My commission expires _____

_____
Notary Public in and for _____

County, _____

The undersigned representative of the _____ has (witnessed and or checked) the foregoing test.

_____
Representative

Name of Regulatory Body _____

Packer Leakage Test

Form No. P-5

Authorized by Order No. _____

Effective _____, 19____

POTENTIAL TEST AND REQUEST FOR ALLOWABLE — OIL WELLS

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐

Other Reason For Filing:

Operator

Address

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	County

Location — Sec., Twp., Rge., or block and survey

Permit No.	Date issued	Previous permit No.	Date issued

Date spudded	Date completed, ready to produce	Total depth	P.B.T.D.

Field and reservoir	Top of pay	Producing interval

TEST DATA

Date of first production	Date of test	Length of test	Producing method (flow, pump, gas lift)	Amount of load oil injected if any.
		hrs.		

Number of barrels of oil produced from completion or recompletion date to test date	If well is produced by pumping, give pump size, length of stroke and strokes per minute.

Tubing pressure	Casing pressure	Choke size

*Actual production during test:	Oil (bbls)	Water (bbls)	Gas (MCF)

*Production must actually equal or exceed wells daily allowable or test must be for full 24 hours

Gas—oil ratio	Oil gravity	Name of transporter of oil
MCF/bbl.	° A.P.I. corrected	

Number of acres attributed to this well	Number of producing wells in this reservoir on this lease, including this well.	Single, dual or triple completion?	Daily allowable requested (bbls)

Plat showing acreage attached—plat should show leases, offset wells, distance from this well to the nearest well on the same lease completed in or drilling to the same reservoir, and the boundaries of drilling and producing, or proration, units attributed to this well and other wells on the same lease completed in or drilling to the same reservoir, the number of acres in each unit and the number of acres in the lease.

Executed this the _____ day of _____, 19___

State of _____
County of _____

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19___

SEAL

My commission expires _____

Notary Public in and for _____ County, _____

Witnessed by: _____ Organization

Signature

Name of Regulatory Body _____

Potential Test & Request for Allowable—Oil Wells

Form No. P-6

Authorized by Order No. _____

Effective _____, 19___

Use form RRC-7 (back, front)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator		Address		
Lease Name		Well Number	Field & Reservoir	
Location			Sec.—TWP-Range or Block & Survey	
County	Permit number	Date Issued	Previous permit number	Date Issued
Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion		Rotary tools used (interval)	Cable tools used (interval)	
Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed	
Type of electrical or other logs run (check logs filed with the commission)			Date filed	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled

TUBING RECORD			LINER RECORD				
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

Executed this the _____ day of _____, 19____

State of _____
County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

Name of Regulatory Body _____

Well Completion or Recompletion Report and Well Log

Form No. P-7

Authorized by Order No. _____

Effective _____, 19____

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the _____

not later than _____ days after project completion.

REQUEST FOR PERMISSION TO CONSOLIDATE LEASES

Field_____County_____

Written authorization from the _____ Commission, must be obtained before any tracts designated as separate leases may be consolidated. Operators are expressly prohibited from running oil from two leases into one tank battery unless these leases have been consolidated.

LEASES TO BE CONSOLIDATED:

Operator	Fee Owner	No. Wells	Acreage of Lease
1.			
2.			
3.			
4.			

HOW CONSOLIDATED LEASE IS TO BE REPORTED:

Operator	Fee Owner	No. Wells	Acreage of Lease
1.			
2.			

STATEMENT OF OWNERSHIP: Give below a detailed statement of the ownership, working interest, and the royalty interest in each of the leases to be consolidated. If status of each lease is exactly the same, write in "IDENTICAL." (Use extra sheet if necessary.)

CHANGE OF WELL NUMBERS: State below the proposed change in well numbers, giving the old well number and the new number to be assigned if the consolidation is permitted. (Use extra sheet if necessary.)

Old Lease Name	Old No.	New No.	Old Lease Name	Old No.	New No.

Attach a plat showing status of leases before proposed consolidation, also plat showing complete lease after consolidation. (Both plats to be made on same scale.)

Executed this the_____day of_____, 19____

State of_____)
County of_____)

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____day of_____, 19____

SEAL

_____
My commission expires _____ Notary Public in and for _____ County_____

Name of Regulatory Body_____

Request for Permission to Consolidate Leases
Form No. P-8

Authorized by Order No._____

Effective_____, 19____

NMOCC

WELL STATUS REPORT AND GAS-OIL RATIO TESTS

Operator USTR Field and Reservoir County

Address Month Type of Test Initial Completion

Lease Name & ~~Code No.~~	Well No.	Date of Test	Status	Choke Size	Pressures: Tbg.	Pressures: Csg. Beginning	Pressures: Csg. End	Pressures: Separator	Separator Temp. °F	Daily Allowable	Length of Test (Hrs.)	Production During Test: Wtr. Bbls.	Production During Test: Grav. Oil	Production During Test: Oil Bbls.	Production During Test: Gas MCF	Gas-Oil Ratio Cu. Ft. Per Bbl.
Jones	1															
									OIL							

All Tests Reported herein were made in accordance with the Applicable Rules, Regulations and Instructions of the Commission.

Executed this the day of, 19

State of
County of

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this day of, 19

SEAL

My commission expires

Notary Public in and for

County,

Name of Regulatory Body

Well Status Report and Gas-Oil Ratio Tests

Form No. P-9

Authorized by Order No.

Effective, 19

INSTRUCTIONS

Show all data requested for each well separately, and determine the gas-oil ratio according to the following procedure:

(1) General:

(a) Each well shall have produced its current daily allowable, if such well is capable of producing such allowable, during the 24 hour period immediately preceding the test, and the well shall be producing at the time the actual test begins.

(b) The volume of gas used in computing the gas-oil ratio and reported as being produced during the test (except tests on gas lift or jetting wells) shall be the total volume of gas produced from the well in the test period. This total volume of gas shall include all gas withdrawn from the casing as well as that produced through the tubing.

(c) The amount of oil produced during the test shall not be less than the well's then current daily allowable (if the well is capable of producing its allowable) and shall not exceed the daily allowable by more than ten (10) per cent, except that in the case of a well having an allowable already penalized due to its gas oil ratio, the operator may select any rate he desires between the penalized allowable and ten (10) per cent above the unpenalized allowable.

(2) Flowing Wells That are Produced Continuously:

The oil flow shall be stabilized during the 24-hour period immediately preceding the test. Adjustments in the rate of flow should be made during the first 12 hours of the stabilization period and no adjustments shall be made during the last 12 hours or during the time in which the well is being tested.

(3) Flowing Wells That are Produced Intermittently (Stop-cocked):

In computing the operating gas-oil ratio, the total volume of gas and the total barrels of oil produced during the 24 hour test period must be used regardless of the flowing time in the 24 hour period. On wells which are stop-cocked, both the closed-in casing pressure at the beginning of the test period and the closed-in casing pressure at the conclusion of the test must be shown and properly identified on the report. The closed-in casing pressure at the end of the 24 hour test period shall not exceed the closed-in casing pressure at the beginning of the test period by more than six-tenths (0.6) pounds per square inch per barrel of oil produced during the test.

(4) Gas Lift or Jetting Wells:

In submitting gas-oil ratio tests for gas lift or jetting wells, the total input and total output gas volumes shall be reported separately. These volumes shall be properly identified and determined by continuous measurement during the test. The volume of gas used in determining the operating gas-oil ratio hereunder shall be the volume remaining after the total input gas has been deducted from the total output volume.

(5) Pumping Wells:

In computing the operating gas-oil ratio, the total volume of gas and the total barrels of oil produced during the test period must be used regardless of the pumping time in the test period.

(6) Definitions:

Under Status, use the following symbols: F—Flowing, P—Pumping, GL—Gas Lift, SI—Shut in, D—Dead, TA—Temporarily Abandoned, GI—Gas Injection, WI—Water Injection.

Under Pressure, show the stabilized working pressures on the tubing, and casing, at the rate at which the well is tested. The Gas Production listed shall be the total volume of gas produced during the test in thousands of cubic feet (MCF) measured at a base pressure of_____pounds per square inch, absolute, and a standard base and flowing temperature of 60° Fahrenheit; correction to be made for pressure according to Boyles Law, and for specific gravity according to test made by the Balance Method. All well status and gas-oil ratio tests submitted to the Commission (Board, Department) on this form shall be made by a person qualified by training or experience to make such tests. Methods of gas measurement used shall be those prescribed by the

(Name of Regulatory Body)

Not Recommended for use in N.M.

PRODUCTION TEST AND GAS-OIL RATIO REPORT

Regular Test ☐	New Well ☐	Deepen ☐	Same Reservoir ☐
Special Test ☐	Workover ☐	Plug Back ☐	Different Reservoir ☐

Field	Reservoir or Formation	County

Operator	Address

Lease Name	Well No.	Location	Sec.-Twp-Rge or Block & Survey

Start of Test—Date	Time	End of Test—Date	Time

Pressure During Test:	Tubing	Casing	Separator	Separator Temperature	Choke Size

OIL PRODUCTION

Tank		Gauge Start			Gauge End			Gross Oil Produced	Water Produced	Net Oil Produced	
Size	Number	Ft.	In.	Bbls.	Ft.	In.	Bbls.				

Name of Gatherer of Oil	Oil Produced During Test: bbls.	Oil Gravity (API)

GAS PRODUCTION

Meter Type: (Flange) (Pipe Tap)	Orifice Well Tester
Size Run:	Size Tester
Size of Plate	Size of Plate
24 hr. Coefficient	Pressure (Lbs.) Indicate which: (in H^2O) (in. HG.)
Differential	24 hr. Coefficient
Static Pressure (LBS) Indicate which: (In. HG.)	Gas Gravity
Gas Production per 24 hours.	Gas Production per 24 hours.

Gas Production 24 hours	Oil Production 24 hours	Gas-Oil Ratio (c.f./bbl.)

If Well is a Multiple Completion, give Zones:

This test was made in accordance with the applicable rules, regulations and instructions of the _____ Commission

Executed this the _____ day of _____, 19____.

State of _____ }
County of _____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

Name of Regulatory Body _____

Production Test and Gas-Oil Ratio Report

Form No. P-10

Authorized by Order No. _____

Effective _____, 19____

INSTRUCTIONS

Show all data requested for each well separately, and determine the gas-oil ratio according to the following procedure:

(1) General:

(a) Each well shall have produced its current daily allowable, if such well is capable of producing such allowable, during the 24 hour period immediately preceding the test, and the well shall be producing at the time the actual test begins

(b) The volume of gas used in computing the gas-oil ratio and reported as being produced during the test (except tests on gas lift or jetting wells) shall be the total volume of gas produced from the well in the test period. This total volume of gas shall include all gas withdrawn from the casing as well as that produced through the tubing.

(c) The amount of oil produced during the test shall not be less than the well's then current daily allowable (if the well is capable of producing its allowable) and shall not exceed the daily allowable by more than ten (10) per cent, except that in the case of a well having an allowable already penalized due to its gas oil ratio, the operator may select any rate he desires between the penalized allowable and ten (10) per cent above the unpenalized allowable.

(2) Flowing Wells That are Produced Continuously:

The oil flow shall be stabilized during the 24-hour period immediately preceding the test. Adjustments in the rate of flow should be made during the first 12 hours of the stabilization period and no adjustments shall be made during the last 12 hours or during the time in which the well is being tested.

(3) Flowing Wells That are Produced Intermittently (Stop-cocked):

In computing the operating gas-oil ratio, the total volume of gas and the total barrels of oil produced during the 24 hour test period must be used regardless of the flowing time in the 24 hour period. On wells which are stop-cocked, both the closed-in casing pressure at the beginning of the test period and the closed-in casing pressure at the conclusion of the test must be shown and properly identified on the report. The closed-in casing pressure at the end of the 24 hour test period shall not exceed the closed-in casing pressure at the beginning of the test period by more than six-tenths (0.6) pounds per square inch per barrel of oil produced during the test.

(4) Gas Lift or Jetting Wells:

In submitting gas-oil ratio tests for gas lift or jetting wells, the total input and total output gas volumes shall be reported separately. These volumes shall be properly identified and determined by continuous measurement during the test. The volume of gas used in determining the operating gas-oil ratio hereunder shall be the volume remaining after the total input gas has been deducted from the total output volume.

(5) Pumping Wells:

In computing the operating gas-oil ratio, the total volume of gas and the total barrels of oil produced during the test period must be used regardless of the pumping time in the test period.

(6) Definitions:

Under Status, use the following symbols: F—Flowing, P—Pumping, GL—Gas Lift, SI—Shut in, D—Dead, TA—Temporarily Abandoned, GI—Gas Injection, WI—Water Injection.

Under Pressure, show the stabilized working pressures on the tubing, and casing, at the rate at which the well is tested. The Gas Production listed shall be the total volume of gas produced during the test in thousands of cubic feet (MCF) measured at a base pressure of_____pounds per square inch, absolute, and a standard base and flowing temperature of 60° Fahrenheit; correction to be made for pressure according to Boyle's Law, and for specific gravity according to test made by the Balance Method. All well status and gas-oil ratio tests submitted to the Commission (Board, Department) on this form shall be made by a person qualified by training or experience to make such tests. Methods of gas measurement used shall be those prescribed by the

(Name of Regulatory Body)

WELL STATUS REPORT

Field _____ County _____ Date _____

Operator _____ Address _____

Pool and Lease	Well No.	Sta-tus*	Days Prod.	Grav-ity	Oil bbls.	Water bbls.	Gas MCF'S	

Executed this the _____ day of _____, 19____

State of _____ }
County of _____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

My commission expires _____

_____
Notary Public in and for _____
County _____

*Status: F—Flowing, P—Pumping, GL—Gas Lift, SI—Shut In, D—Dead, TA—Temporarily Abandoned, GI—Gas Injection, WI—Water Injection

Name of Regulatory Body _____
Well Status Report
Form No. P-11
Authorized by Order No. _____
Effective _____, 19____

RESERVOIR PRESSURE REPORT

Operator | Address

~~Field~~ Pearl | County | Date

Producing Formation | Oil Gradient | Water Gradient | Initial Completion* | Special* | General Survey* | Datum Plane | Gas Gravity

Lease	Well No.	Oil (O) or Gas (G)	Date Tested	Shut-in Time	Shut-In Tubing Pressure	Bomb Test Data: Test Depth	Bomb Test Data: B.H. Temp.	Bomb Test Data: Observed Pressure	Sonic Instrument Test Data: Prod. Test (Bbls per Day) Oil	Sonic Instrument Test Data: Prod. Test (Bbls per Day) Water	Sonic Instrument Test Data: Liquid Level	Sonic Instrument Test Data: Liquid Gradient	Sonic Instrument Test Data: Wt. of Liquid Column	Sonic Instrument Test Data: Wt. of Gas Column	Sonic Instrument Test Data: Casing Pressure	Pressure At Datum
USTP																

Elevation needed? ~~to check~~ test depth for correct datum. OK

* Designate type of report by "X".

Executed this the _____ day of _____, 19____.

State of _____ }
County of _____ } Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

My commission expires _____ Notary Public in and for _____ County, _____

Name of Regulatory Body _____

Reservoir Pressure Report

Form No. P-12

Authorized by Order No. _____

Effective _____, 19____

INSTRUCTIONS FOR RUNNING AND REPORTING BOTTOM HOLE PRESSURES

This report shall be mailed, in duplicate, not later than the 15th day of the month immediately following the month in which the tests were made. All bottom hole pressure tests reported herein shall be made by a person qualified by both training and experience to make such tests.

1. Oil gradient shall be in pounds per square inch per foot.
2. Water gradient shall be in pounds per square inch per foot.
3. Datum plane shall be in feet plus or minus sea level.
4. Gas gravity shall be determined from an analysis of the casinghead gas.
5. Date Tested—Enter in this column the month and day on which the bottom hole pressure test was made.
6. Shut-in Time—Shall be reported accurately to nearest hour. The well tested shall have produced its normal daily rate of production or allowable within the 24-hour period immediately preceding the time at which it was shut in. (Any deviations shall be certified to on this report and shall be approved by_____)
7. Test Depth—Shall be reported in feet as the lowest point to which the bomb was run and shall be reported in feet plus or minus sea level.
8. Bottom Hole Temperature—Shall be reported in degrees Fahrenheit as determined at test depth by either a recording or maximum reading thermometer.
9. Observed Pressure—Shall be reported as the pressure in pounds per square inch gauge observed at test depth before any necessary temperature correction has been made.
10. Production Test—The oil and water reported shall be from a representative production test immediately preceding the time at which the well was shut in.
11. Fluid Level—The fluid level reported shall be in feet above the datum plane.
12. Fluid Gradient—Shall be in pounds per square inch per foot and shall be representative of both the oil and water gradient where the well produces water as well as oil.
13. Weight of Oil Column shall be in pounds per square inch.
14. Weight of Gas Column shall be in pounds per square inch.
15. Casing Pressure—Shall be reported as the pressure in pounds per square inch gauge.
16. Datum Pressure—
    (a) In the case of bomb measurements, this pressure shall be the observed pressure after the corrections for reservoir temperature and for the difference between test depth and datum plane have been made.
    (b) In the case of sonic measurements, this pressure shall be determined from the weight of the fluid column plus the weight of any gas present above the fluid column plus casinghead pressure after proper corrections are made for temperature.

Calibration—The subsurface pressure instrument shall be calibrated against a dead weight tester both prior and subsequent to the dates at which all tests reported hereon are made, and in no case shall this time exceed a period of one month. The prior and subsequent calibrations shall not disagree by more than one per cent (1%). The dead-weight tester used for the calibration shall be approved by the_____

Recom. Use NMOCC C 120+

REPORT OF INJECTION PROJECT

FOR THE MONTH OF_____, 19____

Injection maintenance Oper Mo Report

Operator	Address
Field Name and Name of Reservoir	County or Counties

Type of Injection Project	Name of Injection Project	Number of Commission Order Authorizing Project

1. WATER INJECTION DATA

Total net active water inj. wells beginning of month	Net active water inj. wells added or subtracted during month (+ / −)	Total net active water inj. wells end of month	Total water inj. during month	Total water inj. to date

2. GAS INJECTION DATA

Total net active gas inj. wells beginning of month	Net active gas inj. wells added or subtracted during month (+ / −)	Total net active gas inj. wells—end of month	Total gas inj. during month	Total gas inj. to date

3. LPG INJECTION DATA

Total net active LPG inj. wells beginning of month	Net active LPG inj. wells added or subtracted during month (+ / −)	Total net active LPG inj. wells —end of month	Total LPG inj. during month	Total LPG inj. to date

4. PRODUCTION DATA

Total oil wells beginning of month	Oil wells added or subtracted during month (+ / −)	Total oil wells end of month	Total oil and/or condensate produced during month	Total oil and/or condensate produced since project started
Total gas producing wells beginning of month	Gas producing wells added or subtracted during month (+ / −)	**Total gas producing wells**— end of month	Total gas produced during month	Total gas produced since project started

5. INJECTION VOLUMES (Reservoir Barrels)

	Current month	Since project started
Water (surface bbls. = reservoir bbls.)		
LPG (Surface bbls. = reservoir bbls.) Indicate type of LPG Butane, Propane or other		
Gas (Standard CF × volume factor v, where v = Z (compressibility factor) × Tr (reservoir temperature, °F absolute) × Pb / 5.6146 cf/bbl × Pr (reservoir pressure, psia) × 520 (absolute equivalent at 60° F))		
TOTAL FLUIDS INJECTED (in reservoir bbls.)		

6. PRODUCED VOLUMES (Reservoir Barrels)

OIL (Stock tank bbls. × formation volume factor*)		
FREE GAS (Total gas produced in standard cubic feet less solution gas produced (Stock tank bbls. oil produced × solution gas oil ratio) × volume factor v calculated for produced gas)		
WATER (Surface bbls. = reservoir bbls.)		
TOTAL PRODUCED VOLUMES (in reservoir barrels)		
NET INJECTED (or produced) VOLUMES		

* For water floods in all reservoirs nearing depletion by primary production methods, use 1 as formation volume factor, above.

Average reservoir pressure this month: _____ psia

Executed this the_____ day of_____, 19_____.

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19_____.

SEAL

_____

My commission expires_____

Notary Public in and for_____
County,_____

INSTRUCTIONS:

1. Each operator of an injection project shall furnish information on this form in duplicate, to the _____ not later than the 10th day of the month following the month reported.
2. If several projects are operated jointly, report each project on a separate form.
3. Report all volumes of oil, LPG and water in barrels and all volumes of gas in standard MCF (corrected to_____psia) and 60°F.
4. Pb = _____psia.

Name of Regulatory Body_____

Report of Injection Project
Form No. P-13
Authorized by Order No. _____

Effective _____, 19_____

PERMIT TO CLEAN TANK

A. PIPE LINE CONNECTED TO TANK TO BE CLEANED:

Operator or Owner of Tank					Date
Lease		**Field**		**County**	
Tank No.	**Capacity**	**Height**	**Gross Contents** bbls.	**Feet & Inches**	**Ht. Pipe Line Conn.** ft. in.

This is to certify that the above described tank contains only the above amount of gross contents and no merchantable oil transportable by pipe line on this date. This pipe line is requesting that the above tank be cleaned of tank bottoms before another pipe line run is made from said tank.

_____ By_____

B. OWNER OR OPERATOR OF TANK TO BE CLEANED:

Owner or Operator of Tank					Date
Lease		**Field**		**County**	
Tank No.	**Capacity**	**Height**	**Gr. Contents** bbls.	**Ft. & Inch**	**Date certified**

the. _____ Pipe Line Company requested that the above described tank be cleaned of tank bottoms before another pipe line run was made from said tank and that the tank contains only the above contents.

Date of last cleaning	Tank will be cleaned by:	Contents will be

Executed this the_____ day of_____, 19____

State of_____

County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____

SEAL

_____

My commission expires_____

Notary Public in and for_____

County,_____

THIS SPACE TO BE FILLED IN BY COMMISSION EMPLOYEE CHECKING ABOVE INFORMATION

Tank No.	Contains	Oil Chargeable	Date	Disp. of tank bottom

Approved:_____

FILL IN ONLY IF CONTENTS DESCRIBED ARE TO GO TO A TREATING PLANT FOR TREATING OR RECLAIMING

C. Name of Fiant			Address		Date
Tank No.	**Capacity**	**Height**	**Owned or Operated by**	**Located on**	
Lease		**Field**	**Contents**	**Tank bottoms were transported to:**	

Located _____ County

This is to certify that no crude oil or product of crude oil was mixed with or substituted for the tank contents as described on this permit; that no rule or regulation of the _____ Commission of _____ was violated in the cleaning of the tank transportation of contents or treating of said contents of said tank.

Executed this the_____ day of_____, 19____

State of_____

County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____

SEAL

_____

My commission expires_____

Notary Public in and for_____

County,_____

Name of Regulatory Body_____

Permit To Clean Tank

Form No. P-14

Authorized by Order No. _____

Effective_____, 19____

PLUGGING RECORD

Operator	Address
Name of Lease	Well No. / Field & Reservoir
Location of Well	Sec-Twp-Rge or Block & Survey / County

Application to drill this well was filed in name of	Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbls/day)	Gas (MCF/day)	Dry?
Date plugged:	Total depth	Amount well producing when plugged: Oil (bbls/day)	Gas (MCF/day)	Water (bbls./day)

Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement.

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes

Was well filled with mud-laden fluid, according to regulations?

Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail
File this form in duplicate with_____

Executed this the_____day of_____, 19_____.

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19_____.

SEAL

_____
Notary Public in and for_____
County,_____

My commission expires_____

Name of Regulatory Body_____

Plugging Record

Form No. P-15
Authorized by Order No._____

Effective_____, 19_____.

Mailed by OCC for ...

Operator		Address	
Lease Name	**Well No.**	**Field**	**County**
Location			**SEC-TWP-RGE or Block & Survey**

CASING AND TUBING DATA

Name of string	Size	Length	Cement Data
Surface Casing			
Intermediate			
Long String			
			Name, Model and Depth of Tubing Packer
Tubing			

Name and Top and Bottom of Injection Zone

Is Injection through Tubing, Casing or Annulus?	Perforations or Open Hole?	Is this a new well Drilled for Disposal?

List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement

Is Injection Zone Productive of Oil or Gas in This Field?	Depth of Deepest Fresh Water Zone	Depth of Shallowest Productive Zone

Anticipated Daily Injection Volume (bbls.) Minimum	Maximum	Open or Closed System?

Is Injection to be by Gravity or Pressure?	Approx. Pressure (Psi)	Source of Water to be Injected

Are there any other Salt Water Disposal Wells using this same Zone in this Field?	Yes or No	If so name one such well below

Name of Operator of Disposal Well in same zone	Lease Name	Well No.

Is this well so cased and completed that water can enter no other formation than the above set out injection zone?	Yes or no	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?	Yes or no

List names and addresses of all operators within one-half (½) mile of this injection well:

Executed this the____ day of_____, 19____

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this____ day of_____, 19____

SEAL

My commission expires_____

Notary Public in and for_____
County,_____

INSTRUCTIONS:
1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field.
2. Attach waivers from all operators within one-half (1/2) mile of the injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application, notifying such surface owners of this application and requesting waivers.
3. Should all necessary waivers not accompany application, the_____ shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for hearing is received, the application will then be processed.

Name of Regulatory Body_____

Application To Dispose of Salt Water By Injection Into a Porous Formation

Form No. P-16

Authorized by Order No._____

Effective_____, 19____

Equivalent to RRC-110 Application for possible

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

Commission (P-6)
WTC-104

Lease	Field	Reservoir
Survey or Sec-Twp-Rge	County	State
Operator		

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

Street	City	State

Above named operator authorizes (name of transporter)

Transporter's street address	City	State

Field address

Oil, condensate, gas well gas, casinghead gas

To transport % of the from said lease.

OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported

Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.

The undersigned certifies that the rules and regulations of the _____ (commission) have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the _____ (commission).

Executed this the _____ day of _____, 19____

State of _____)
County of _____)

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

_____
Notary Public in and for

My commission expires _____

County, _____

Date approved:

By:

(commission)

Agent:

Commission Number:

File No.

Name of Regulatory Body

Operator's Certificate of Compliance & Authorization to Transport oil or Gas from Lease

Form No. P-17

Authorized by Order No.

Effective _____, 19____

MONTHLY PRODUCER'S REPORT

Field

County

Field Office Address

Month of

Lease Number	Lease Name	Gatherer Code No.	Code-Oil (O) Condensate (C)	Total Lease Tankage	Number of Wells: Flowing	Number of Wells: Artificial Lift	Total Oil on Hand Beginning of Month	Total Allowable For Month	Actual Amount of Oil Produced	Over- or Under Produced	

Gatherer:

Executed this the _____ day of _____, 19____

State of _____

County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

My commission expires _____

_____
Notary Public in and for _____ County, _____

This form Designed for IBM 407 Specifications

Name of Regulato

Form No. P-18

Authorized by Or

MONTHLY PRODUCER'S REPORT

Company

Month of

Address

Lease Name	Gatherer Code No.	Code-Oil (O) Condensate (C)	Total Lease Tankage	Number of Wells		Total Oil on Hand Beginning of Month	Total Allowable For Month	Actual Amount of Oil Produced	Over-or Under-Produced	Disposition of Oil			Total Oil on Hand End of Month
				Flowing	Artificial Lift					To Pipe Line	To Trucks	Other See Remarks	

_____ day of _____, 19____

_____

_____

Signature of Affiant

ersigned authority, on this day personally appeared _____ known to me to be the subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the he has knowledge of the facts stated therein, and that said report is true and correct.

rn to before me this _____ day of _____, 19____

_____

Notary Public in and for _____

County, _____

Name of Regulatory Body _____

Monthly Producers Report

Form No. P-18

Authorized by Order No. _____

Effective _____, 19____

CERTIFICATE FOR LOAD OIL CREDIT AND PERMIT TO TRANSPORT RECOVERED LOAD OIL

Operator		Address	
Lease Name	**Well No.**	**Field and Pool**	**County**
Location			**Sec-Twp-Rge or Block & Survey**

Barrels load oil recovered

Oil was purchased from*	Address
	Date purchased

Oil from the lease and well first above described is gathered and transported by:

This report will certify that the number of barrels of load oil, shown above, was recovered from the property first above described; also that this load oil was purchased from the named firm (or lease), and permission is hereby requested for the running of the said number of barrels of oil by the gatherer and transporter.

Executed this the _____ day of _____, 19____.

State of _____
County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

_____
Notary Public in and for _____
County, _____

My commission expires _____

Note: This report required only when load oil was obtained from a source other than the lease on which used.

* Insert lease name, location and pool if oil supplied from a lease.

Name of Regulatory Body _____

Certificate for Load Oil Credit and permit to Transport Recovered Load Oil

Form No. P-19

Authorized by Order No. _____

Effective _____, 19____

GAS WELL OPEN FLOW POTENTIAL TEST REPORT

4-POINT TEST

Test — Initial ☐ Annual ☐ Special ☐

Field	Reservoir	Test Date

Operator	Lease	Well No.

County	Location	Completion Date	Total Depth	T/Pay	Producing Interval

Producing Thru TBG.	CSG.	Reservoir Temperature °F	Wellhead Temperature °F	CSG. Size	Wt/Ft.	I.D.	Set @

TBG. Size	Wt/Ft.	O.D.	I.D.	Set @	Gas Gravity (Separator)	Avg. Prod. Length (L)	GL	Gas-Liquid Hydrocarbon Ratio MCF per Bbl.	Gravity of Liquid (API)

Pipeline Connection	Type Taps

Multiple Completion (Dual or Triple)	Type production from each zone

OBSERVED DATA

Flow Data

No.	Time of Flow Hours	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h w	Tubing Press. psig	Casing Press. psig	Flowing Temp. °F
SI								
1.								
2.								
3.								
4.								

FLOW CALCULATIONS

No.	Coefficient (21 Hr.)	$\sqrt{h_w p_m}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q MCF/D
1.							
2.							
3.							
4.							

PRESSURE CALCULATIONS

	$\frac{P_w}{P_t}$ (psia)	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 \times 1^{-e^{-s}}$	P_w^2	$P_c^2 - P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									

Absolute Potential	n
MCF/D	

Executed this the _____ day of _____, 19____.

State of _____

County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

Name of Regulatory Body _____

Gas Well Open Flow Potential Test Report (4-Point Test)

Form No. G-1

Authorized by Order No. _____

Effective _____, 19____

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

Q =Actual rate of flow at end of flow period at W. H. working pressure (P_w). MCF/da. @ psia and °F.

P_c =72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_w =Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing). psia

P_t =Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia

P_f =Meter pressure, psia

h_w =Differential meter pressure, inches water

F_g =Gravity correction factor

F_t =Flowing temperature correction factor

F_{pv} =Supercompressability factor

n =Slope of back pressure curve

GL =G_{mix} times average producing length of flow string (see page_____of manual)

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t. F_c Q and $1^{-e^{-s}}$ are factors utilized in calculating the pressure drop due to friction. (See page_____ of manual.)

GAS WELL DELIVERABILITY OR SHUT IN PRESSURE TEST

TYPE TEST

Deliverability ☐ Shut-In Pressure ☐

Field	Reservoir	Date Test Completed

Operator	Lease	Well No.

County	Location	Pipeline Connection

Completion Date	Initial SIP PSIA	Producing Interval	Slope n =	Initial Potential MCF/D	Gas-Liquid Hydrocarbon Ratio CF/BBL	Liquid Gravity °API	Separator Gas Gravity	Producing Thru TUB.	Producing Thru CSG

Multiple Completion (Dual or Triple)	Type production from each Zone

PRESSURE DATA

Date Shut-In	Time Shut-in Hours	Csg. SIP P_c	Tbg. SIP	Time Flowed Hours	Csg. Flow P_w	Tbg. Flow

FLOW DATA

Meter Hook-Up	Line Size	Orifice Size	Static Pressure P_m	Differential h_w	Tempera-ture	P_m h_w

FLOW CALCULATIONS

$\sqrt{P_m h_w}$	24 Hours Coefficient	Gravity Factor	Temp. Factor	Supercom-pressability Factor	Volume Q

P_c = _____ P_c^2 = _____ P_d = _____ % of P_c = _____ P_d^2 = _____

P_w = _____ P_w^2 = _____ $P_c^2 - P_d^2$ = _____ $P_c^2 - P_w^2$ = _____

$\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}$ = M = log M = _____ x Slope "n" = _____

Antilog M x "n" _____ x Q _____ Del. MCFD

Note: All volumes must be corrected to a pressure of _____ psia and to a temperature of _____ °F.

Executed this the _____ day of _____, 19____

State of _____)
County of _____)

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

My commission expires _____

_____
Notary Public in and for _____
County, _____

Name of Regulatory Body _____

Gas Well Deliverability or Shut-In Pressure Test
Form No. G-2

Authorized by Order No. _____

Effective _____, 19____

NOMENCLATURE

Q = Actual flow at end of flow period at W. H. working pressure (P_w), MCF/da @_____ psia and_____°F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_d = Deliverability pressure;_____ % of 72 hour individual wellhead shut-in pressure (P_c). psia

P_w = Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing). psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing). psia

D = Deliverability at Deliverability pressure (P_d) MCF/da. @_____psia and_____°F.

P_f = Static meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor

F_t = Flowing temperature correction factor

F_{pv} = Supercompressability factor

n = Slope of back pressure curve

DELIVERABILITY FORMULA

$$D = Q\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n$$

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t.

This calculation will be made in accordance with the procedure on page_____of the_____ _____manual.

REQUEST FOR GAS ALLOWABLE

Field & Reservoir			County
Operator		Address	
Lease Name			Well No.
Location			Sec-Twp-Rge or Block & Survey
Date spudded	Date completed	Elevation	Total depth
PBTD	Top of pay	Perforations	Depth casing shoe

Acidized, fractured or other stimulation

Plat showing acreage attached—plat should show leases, offset wells, distance to the nearest other well on the same basic lease completed in or drilling to the same reservoir, and the boundaries of drilling and producing, or proration, units attributed to this well and other wells on the same lease completed in or drilling to the same reservoir, and the number of acres in each unit. Also show the number of acres in this lease.

Permit No.	Date Issued	Previous Permit No.	Date Issued
Open flow potential MCF/day	Date connected to transporter	Name of gas purchaser	
Barrels condensate per MMCF	Gravity of condensate	Name of Purchaser of condensate	

Remarks:

Executed this the_____day of_____, 19____

State of_____

County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____

SEAL

My commission expires_____

_____
Notary Public in and for

County,_____

INSTRUCTIONS:

All gas volumes shall be shown in standard MCF (corrected to _____psia and 60°F.

Gas well open flow potential test report, form no. G-1, must be completed and filed with this report.

This report shall be filed with the_____ _____not later than ten (10) days after the well has been connected to a gas transporter.

Name of Regulatory Body_____

Request For Gas Allowable

Form No. G-3

Authorized by Order No._____

Effective_____, 19____

APPLICATION TO MEASURE GAS AND LIQUIDS OFF THE LEASE

Field | Reservoir

Operator | Lease

Description

County

Company

In accordance with the Rules and Regulations of the_____of this State, the Company named hereon herewith makes application to measure Gas and Liquid Hydrocarbons off the lease shown above for the reasons stated below:

Executed this the_____day of_____, 19____

State of _____ }
County of_____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____

SEAL

_____
Notary Public in and for_____
County,_____

My commission expires_____

Name of Regulatory Body_____

Application to Measure Gas and Liquids off the Lease

Form No. G-4

Authorized by Order No. _____

Effective_____, 19____

PERIODIC GPM TEST

Field | County | Period

Operator | Address

Date Tested	Lease and Well Number	Reservoir	Dry Gas Gravity	Liquid Gravity °API	Stock Tank GPM

Executed this the _____ day of _____, 19____

State of _____
County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

My commission expires _____

_____
Notary Public in and for _____
County, _____

Name of Regulatory Body _____
Periodic GPM Test
Form No. G-5
Authorized by Order No. _____
Effective _____, 19____

PURCHASERS GAS NOMINATIONS

Company_____

Field_____ County_____

In accordance with the Rules and Regulations of the_____ of the State of_____,

_____ herewith submits nominations for the purchase of gas from the
(Company)

_____ Field for the month(s) shown below:

Month	Year	
January	_____	_____ MCF
February	_____	_____ MCF
March	_____	_____ MCF
April	_____	_____ MCF
May	_____	_____ MCF
June	_____	_____ MCF
July	_____	_____ MCF
August	_____	_____ MCF
September	_____	_____ MCF
October	_____	_____ MCF
November	_____	_____ MCF
December	_____	_____ MCF

Executed this the_____ day of_____, 19____.

State of_____ }
County of_____ }

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____.

SEAL

_____
Notary Public in and for_____
County,_____

My commission expires_____

Name of Regulatory Body_____

Purchasers Gas Nominations

Form No. G-6

Authorized by Order No._____

Effective_____, 19_____

use New C-115

PRODUCERS REPORT OF GAS PRODUCTION

Field	Reservoir	County
Producer		Month

PRODUCTION

Lease	Wells Reported		Production M.C.F.		
	Oil Total No.	Gas Well No.	Casinghead	Gas Well	Total

Total	Less Gas Lift Gas	Net Formation Gas Produced	Wells Produced
			Wells Not Produced

DISPOSITION

Disposition	Volume M.C.F.		
	Casinghead	Gas Well	Total
Lease & Field Fuel System			
Gas Lift			
Repressuring & Press. Maintenance			
Transmission Lines			
Processing Plants			
Vented or Flared			
Other Disposition (Detail)			
Total			

Remarks:

Note: All volumes must be corrected to a pressure of_____psia and to a temperature of_____°F. This report shall be used when gas is flared on the lease, used by the producer for his own purposes, or when initial measurement is made by the producer. Gas taken directly by a gas purchaser shall be reported on Form No. G-8 or Form No. G-9.

Executed this the_____day of_____, 19____.

State of_____
County of_____

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____.

SEAL

My commission expires_____

Notary Public in and for_____
County_____

Name of Regulatory Body_____

Producers Report of Gas Production

Form No. G-7

Authorized by Order No._____

Effective_____, 19____.

GAS PURCHASERS MONTHLY REPORT

Field | Reservoir | County

Company | Month

ACQUISITION

Producer	Lease	Wells Reported		Production M.C.F.		
		Oil Total No.	Gas Well No.	Oil Wells	Gas Well	Total
Total						

DISPOSITION

Use	Company	Address	Total
Fuel			
Lease Use			
Extraction Plant			
Transmission Lines			
Vented or Flared			
Other (Detail)			
Total			

Remarks:

Note: All volumes must be corrected to a pressure of_____psia and to a temperature of_____°F. This report shall be made by a purchaser who takes gas through purchaser's meter at the well head. If gas is purchased for direct processing through a gasoline plant, Form No. G-9 shall be used.

Executed this the_____day of_____, 19____.

State of_____ }
County of_____ }

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____.

SEAL

My commission expires_____

Notary Public in and for_____ County,_____

Name of Regulatory Body_____

Gas Purchasers Monthly Report

Form No. G-8

Authorized by Order No._____

Effective_____, 19____.

Comm. W/G-8 to 1 ... 1111 ... 114

GASOLINE PLANT OR PRESSURE MAINTENANCE PLANT MONTHLY REPORT

Operator	Address

Plant Name	Field	County

Month of	Type of plant	Av. intake capacity MCF	Av. intake pressure PSIA	Av. tested gpm	Recovered gpm

SECTION I—INTAKE VOLUMES (MCF MONTHLY)

	Gas wells	Casinghead	Total
1. No. of wells produced	5	10	
2. Gas into gathering system	1000	500	1500
3. Deliveries from gathering system. (Total of section II)	30		
4. Gathering system to plant for processing	970		
5. Plant intake—from plant meters	952		
6. Loss or gain—Diff between lines 4 & 5	18		
7. Gas from other sources (Detail in Remarks)	1100		
8. Refinery and storage vapors	100		
9. Net gas to plant for processing	2050		

SECTION II—DISPOSITION OF UNPROCESSED GAS FROM GATHERING SYSTEM (MCF MONTHLY)

	Gas wells	Casinghead	Total
1. Fuel system & lease use	10	50	50
2. Gas lift	10		
3. Repressuring & pressure maintenance			
4. Transmission line			
5. Vented	10		
6. Other processing plants or carbon black plants			
7. Total	30		

SECTION III—DISPOSITION OF RESIDUE GAS (MCF MONTHLY)

1. Extraction loss	2. Acid gas	3. Plant fuel	4. Lease fuel	5. Gas lift	6. Repressuring & press. maint.

7. Carbon black pl.	8. Other proc. pl.	9. Transmiss. line	10. Vented	11. Total

SECTION IV—PLANT PRODUCTION, RECEIPTS, DELIVERIES, FLARE AND STOCK IN 42-GAL. BBLS.

Product	Open'g stock	Receipts	Production	Deliveries	Flare	Clos'g stock
Crude Oil						
Condensate						
Gasoline						
Kerosene						
Butane						
Propane						
Plant Loss						
Total						

Continued on Reverse Side

Part 2 V (Issued)
Gas Conservation

Name of Regulatory Body

Gasoline Plant or Pressure Maintenance Plant Report

Form No. G-9

Authorized by Order No.

Effective, 19

DETAIL OF INTAKE VOLUME

O-Oil
G-Gas
P-Other

Name of Producer	Lease Name	UNIT	Location S	Location T	Location R	County	KIND	Well No.	M.C.F. Take

ok as
sheet 2
& C-114

Designed for IBM 903 Specifications

Name of Regulatory Body.....

Gas Purchasers Monthly Report
Form No. G-8

Gasoline Plant or Pressure Maintenance Plant Monthly Report
Form No. G-9

Detail of Intake Volume

Authorized by Order No. .....

Effective ..... 19.....

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of

Month of

Address

Total Stock Beginning of Month — Barrels

Receipts by Fields, by Leases—Total Each Field

District, Field or Pool, County, Name of Producer, Name of Lease	Barrels
Total	

RECEIPTS FROM OTHER SOURCES

Received From	Place of Receipt	Barrels
TOTAL		
Total Receipts		
Stock First of Period Plus Receipts		

DELIVERIES

To Whom	Place of Delivery	Barrels
Total Deliveries		
Total Stock End of Month		
Shortage		
Overage		
Total Deliveries and Stocks Plus Shortage or Minus Overage		

Executed this the_____day of_____, 19____.

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____.

SEAL

_____

*My commission expires*_____

*Notary Public in and for*_____
County,_____

"Designed for IBM 407 Specifications"

Name of Regulatory Body_____
Transporter's and Storer's Monthly Report
Form No. T-1 Sheet 1
Authorized by Order No._____
Effective_____, 19____

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of

Month of

Address

Receipts by Fields, by Leases—Total Each Field

District, Field or Pool, County, Name of Producer, Name of Lease	Barrels

Name of Regulatory Body.....

Transporter's and Storer's Monthly Report

Form No. T-1 Sheet 1-A

Authorized by Order No. .....

Effective..... 19.....

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of

Month of

Address

Receipts From Other Sources

Received From	Place of Receipt	Barrels
	OK	

Name of Regulatory Body

Transporter's and Storer's Monthly Report

Form No. T-1 Sheet No. 1-B

Authorized by Order No.

Effective , 19

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of

Month of

Address

DELIVERIES

To Whom	Place of Delivery	Barrels

OK

Name of Regulatory Body

Transporter's and Storer's Monthly Report
Form No. T-1 Sheet 1-C
Authorized by Order No.

Effective , 19

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of

Month of

Address

Detail Statement of Stock on Hand at End of Month (Including Stocks in Transit)

Location	Number of Tanks	Total Capacity	Net Barrels	Location	Number of Tanks	Total Capacity	Net Barrels

OK

Name of Regulatory Body .....

Transporter's and Storer's Monthly Report

Form No. T-1 Sheet 2

Authorized by Order No. .....

Effective ..... 19.....

REFINER'S MONTHLY REPORT

Report of | for the Month of

Address

(BARRELS OF 42 U. S. GALLONS)

Kind	Stock On Hand Beginning of Month	Receipts (Detail on Sheet 1-A)	Runs to Stills, Re-Runs &/Blended	Products Manufac-tured	Deliveries	Plant Use and Losses	Stock on Hand End of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Dists.							
Cracking Stock							
Other Products							
Processing Losses							

Include R-1 sheet 1-B here
4 forms, OK

Executed this the_____day of_____, 19____

State of_____

County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose *name* is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____

SEAL

_____

My commission expires_____

Notary Public in and for_____

County,_____

Do not use fractions of barrels on this report.

Name of Regulatory Body_____

Refiners Monthly Report

Form No. R-1 Sheet 1

Authorized by Order No. _____

*Effective*_____, 19____

REFINER'S MONTHLY REPORT

Report of | For the Month of

Address

Detail Statement of All Receipts Into Plant
(Barrels of 42 U. S. Gallons)

From Whom	Crude Oil	Casinghead Gasoline	Kerosene	Stock for Cracking	Other	
					Barrels	Kind

REFINER'S MONTHLY REPORT

Report of | For the Month of

Address

Detail Statement of Refinery Deliveries of ~~Crude Oil~~ Petroleum Products
(Barrels of 42 U. S. Gallons)

Consignee	Destination	How Transported	Barrels

Name of Regulatory Body

Refiners Monthly Report

Form No. R-1 Sheet 1-B

Authorized by Order No.

Effective , 19

REFINER'S MONTHLY REPORT

Report of

For the Month of

Address

Detail Statement of Crude Oil Stocks at End of Month
(Barrels of 42 U. S. Gallons)

Tank No.	Capacity	Barrels	Tank No.	Capacity	Barrels

OK

Grand Total All Stocks

Name of Regulatory Body

Form No. R-1 Sheet 2
Authorized by Order No.

Effective, 19

CARBON BLACK PLANT REPORT

Operator			Month
Plant Name			Process
County		Field	
Date	Rated Capacity MCF Gas Daily	Permit No.	Sulfur Content GR. per 100 CU. FT. / Recovery/MCF lbs.

SOURCE OF GAS SUPPLY

	Producer or Extraction Plant	Field	Kind of Gas	Monthly Vol MCF
1.				
2.				
3.				
4.				
5.				
Total				
Estimated Average B T U				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture (include furnace fuel in Furnace Plants)	
4.	Other (Detail)	
Total		

CARBON BLACK PRODUCTION IN POUNDS

	Type	Grade	Open'g Stk	Production	Deliveries	Clos'g Stk.	
1.							
2.							
3.							
4.							
Total							

Note: All volumes must be corrected to a pressure of _____ psia and to a temperature of _____ °F.

Executed this the _____ day of _____, 19____.

State of _____
County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____.

SEAL

My commission expires _____

_____
Notary Public in and for _____
County, _____

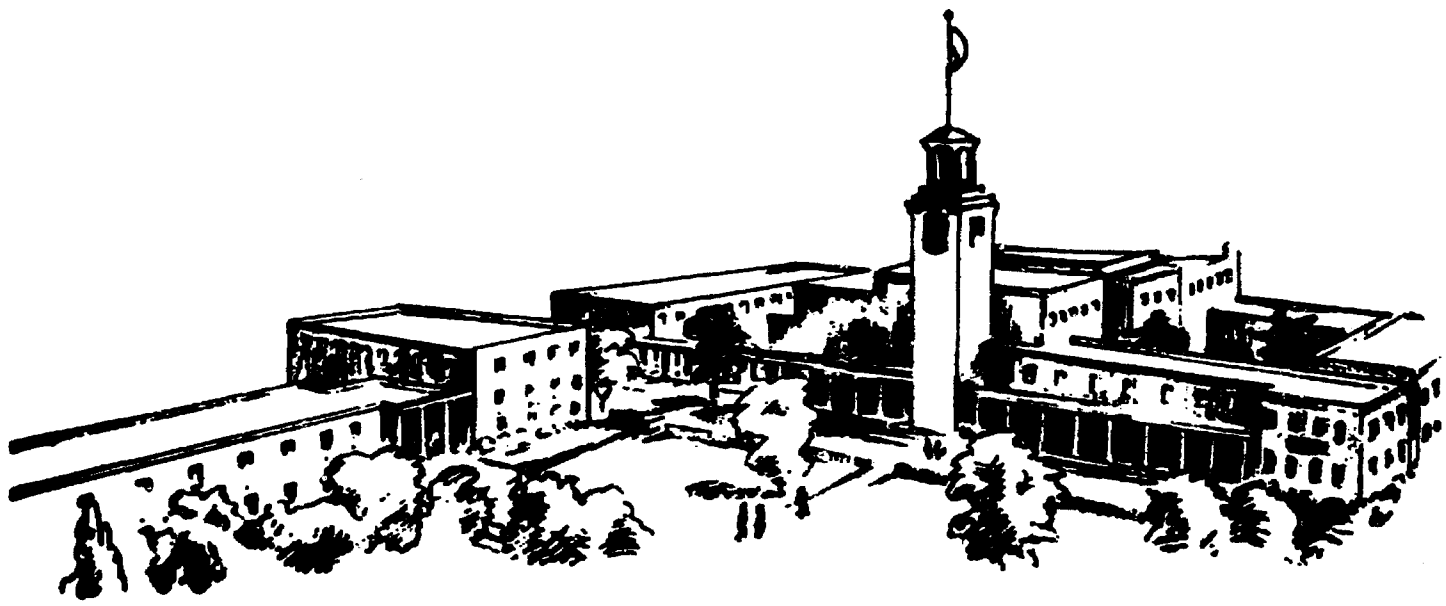
Name of Regulatory Body _____
Carbon Black Plant Report
Form No. C-1
Authorized by Order No. _____
Effective _____, 19____.

100

zero +o1

well 6.0.K 40000 +-1

New Mexico
Oil Conservation Commission



RULES AND REGULATIONS

REVISED NOVEMBER 1, 1963

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OIL CONSERVATION COMMISSION

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Engineer & Oil & Gas Inspector

This book contains the Commission Rules and Regulations of statewide application. Special rules governing individual oil or gas pool are not included but should be consulted where applicable. Order No. R-1670, as amended, should be consulted for general and special rules governing prorated gas pools in Southeast and Northwest New Mexico.

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A - DEFINITIONS

ADJUSTED ALLOWABLE shall mean the allowable production a well or proration unit receives after all adjustments are made.

ALLOCATED POOL is one in which the total oil or natural gas production is restricted and allocated to various wells therein in accordance with proration schedules.

ALLOWABLE PRODUCTION shall mean that number of barrels of oil or standard cubic feet of natural gas authorized by the Commission to be produced from an allocated pool.

BACK ALLOWABLE shall mean the authorization for production of any shortage or underproduction resulting from pipeline prorationing.

BARREL shall mean 42 United States Gallons measured at 60 degrees Fahrenheit and atmospheric pressure at the sea level.

BARREL OF OIL shall mean 42 United States Gallons of oil, after deductions for the full amount of basic sediment, water, and other impurities present, ascertained by centrifugal or other recognized and customary test.

BOTTOM HOLE OR SUBSURFACE PRESSURE shall mean the gauge pressure in pounds per square inch under conditions existing at or near the producing horizon.

BRADENHEAD GAS WELL shall mean any well producing gas through wellhead connections from a gas reservoir which has been successfully cased off from an underlying oil or gas reservoir.

CARBON DIOXIDE GAS shall mean noncombustible gas composed chiefly of carbon dioxide occurring naturally in underground rocks.

CASINGHEAD GAS shall mean any gas or vapor or both gas and vapor indigenous to and produced from a pool classified as an oil pool by the Commission. This also includes gas-cap gas produced from such an oil pool.

COMMISSION shall mean the Oil Conservation Commission created by Section 3, Chapter 168, Session Laws 1949.

COMMON PURCHASER FOR NATURAL GAS shall mean any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells within each common source of supply from which it purchases (See: Sec. 14 (d), Chap. 168, Session Laws 1949).

COMMON PURCHASER FOR OIL shall mean every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines (See Sec. 14 (a), Session Laws 1949).

COMMON SOURCE OF SUPPLY see Pool.

CONDENSATE shall mean the liquid recovered at the surface that results from condensation due to reduced pressure or temperature of petroleum hydrocarbons existing in a gaseous phase in the reservoir.

CONTIGUOUS shall mean acreage joined by more than one common point, that is, the common boundary must be at least one side of a governmental quarter-quarter section.

CONVENTIONAL COMPLETION shall mean a well completion in which the production string of casing has an outside diameter in excess of 2 875 inches

CORRELATIVE RIGHTS shall mean the opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as can be practicably obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purpose to use his just and equitable share of the reservoir energy (See: Sec. 26 (h), Chap. 168, 1949 Session Laws).

CUBIC FOOT OF GAS OR STANDARD CUBIC FOOT OF GAS, for the purposes of these rules, shall mean that volume of gas contained in one cubic foot of space and computed at a base pressure of 10 ounces per square inch above the average barometric pressure of 14.4 pounds per square inch (15.025 psia), at a standard base temperature of 60 degrees Fahrenheit

DEEP POOL shall mean a common source of supply which is situated 5000 ft. or more below the surface

FIELD means the general area which is underlaid or appears to be underlaid by at least one pool; and field also includes the underground reservoir or reservoirs containing such crude petroleum oil or natural gas, or both. The words field and pool mean the same thing when only one underground reservoir is involved; however, field unlike pool may relate to two or more pools (See: Sec. 26, Chap 168, 1949 Session Laws).

GAS LIFT shall mean any method of lifting liquid to the surface by injecting gas into a well from which oil production is obtained.

GAS-OIL RATIO shall mean the ratio of the casinghead gas produced in standard cubic feet to the number of barrels of oil concurrently produced during any stated period.

GAS-OIL RATIO ADJUSTMENT shall mean the reduction in allowable of a high gas-oil ratio unit to conform with the production permitted by the limiting gas-oil ratio for that particular pool during a particular proration period.

GAS TRANSPORTATION FACILITY shall mean a pipe line in operation serving gas wells for the transportation of natural gas, or some other device or equipment in like operation whereby natural gas produced from gas wells connected therewith can be transported or used for consumption (See: Sec. 26 (g), Chap 168, 1949 Session Laws).

GAS WELL shall mean a well producing gas or natural gas from a common source of gas supply as determined by the Commission

HIGH GAS-OIL RATIO PRORATION UNIT shall mean a unit with at least one producing oil well with a gas-oil ratio in excess of the limiting gas-oil ratio for the pool in which the unit is located.

ILLEGAL GAS shall mean natural gas produced from a gas well in excess of the allowable determined by the Commission (See: Sec. 15 (a), Chap 168, 1949 Session Laws).

ILLEGAL OIL shall mean crude petroleum oil produced in excess of the allowable as fixed by the Commission (See: 15 (a), Chap 168 1949 Session Laws)

ILLEGAL PRODUCT shall mean any product of illegal gas or illegal oil (See: Sec. 15 (b), Chap. 168, 1949 Session Laws).

INJECTION OR INPUT WELL shall mean any well used for the injection of air, gas, water, or other fluids into any underground stratum.

LIMITING GAS-OIL RATIO shall mean the gas-oil ratio assigned by the Commission to a particular oil pool to limit the volumes of casinghead gas which may be produced from the various oil producing units within that particular pool.

LOAD OIL is any oil or liquid hydrocarbon which has been used in any remedial operation in an oil or gas well.

LOG OR WELL LOG shall mean a systematic detailed and correct record of formations encountered in the drilling of a well.

MARGINAL UNIT shall mean a proration unit that will not produce at a rate equal to the top unit allowable for the proration period for the pool.

MINIMUM ALLOWABLE shall mean the minimum amount of production from an oil and gas well which may be advisable from time to time to the end that production will repay reasonable lifting cost and thus prevent premature abandonment and resulting waste.

MULTIPLE COMPLETION (COMBINATION) shall mean a multiple completion in which two or more common sources of supply are produced through a combination of two or more conventional diameter casing strings cemented in a common well-bore, or a combination of small diameter and conventional diameter casing strings cemented in a common well-bore, the conventional diameter strings of which might or might not be a Multiple Completion (Conventional).

MULTIPLE COMPLETION (CONVENTIONAL) shall mean a completion in which two or more common sources of supply are produced through one or more strings of tubing installed within a single casing string, with the production from each common source of supply completely segregated by means of packers.

MULTIPLE COMPLETION (TUBINGLESS) shall mean a completion in which two or more common sources of supply are produced through an equal number of casing strings cemented in a common well-bore, such string of casing having an outside diameter of 2.875 inches or less, with the production from each common source of supply completely segregated by use of cement.

NON-MARGINAL UNIT shall mean a proration unit that will produce at a rate equal to the top unit allowable for the proration period for the pool.

OFFICIAL GAS-OIL RATIO TEST shall mean the periodic gas-oil ratio test made by order of the Commission and by such method and means and in such manner as prescribed by the Commission.

OIL, CRUDE OIL, OR CRUDE PETROLEUM OIL shall mean any petroleum hydrocarbon produced from a well in the liquid phase and which existed in a liquid phase in the reservoir.

OIL WELL shall mean any well capable of producing oil and which is not a gas well as defined herein.

OPERATOR shall mean any person or persons who, duly authorized, is in charge of the development of a lease or the operation of a producing property.

OVERAGE OR OVER PRODUCTION shall mean the amount of oil or the amount of natural gas during a proration period in excess of the amount authorized on the proration schedule. (Amended by Order No. R-98-A).

OWNER means the person who has the right to drill into and to produce from any pool, and to appropriate the production either for himself or for himself and another (See: Sec. 26 (e), Chap. 168, 1949 Session Laws).

PERSON means any natural person, corporation, association, partnership, receiver, trustee, guardian, executor, administrator and fiduciary of any kind (See: Sec. 26 (a), Chap. 168, 1949 Session Laws).

POOL means any underground reservoir containing a common accumulation of crude petroleum oil or natural gas or both. Each zone of a general structure, which zone is completely separated from any other zone in the structure, is covered by the word "pool" as used herein. "Pool" is synonymous with "common source of supply" and with "common reservoir" (See: Sec. 26 (B), Chap. 168, 1949 Session Laws).

POTENTIAL shall mean the properly determined capacity of a well to produce oil, or gas, or both, under conditions prescribed by the Commission.

PRESSURE MAINTENANCE shall mean the injection of gas or other fluid into a reservoir, either to maintain the existing pressure in such reservoir or to retard the natural decline in the reservoir pressure.

PRODUCER shall mean the owner of well or wells capable of producing oil or natural gas or both in paying quantities.

PRODUCT means any commodity or thing made or manufactured from crude petroleum oil or natural gas, and all derivatives of crude petroleum oil or natural gas, including refined crude oil, crude tops, topped crude, processed crude petroleum, residue from crude petroleum, cracking stock, uncracked fuel oil, treated crude oil, fuel oil, residuum, gas oil, naphtha, distillate, gasoline, kerosene, benzine, wash oil, waste oil, lubricating oil, and blends or mixtures of crude petroleum oil or natural gas or any derivative thereof (See: Sec. 26 (d), Chap. 168, 1949 Session Laws).

PRORATION DAY shall consist of 24 consecutive hours which shall begin at 7 a.m. and end at 7 a.m. on the following day.

PRORATION MONTH shall mean the calendar month which shall begin at 7 a.m. on the first day of such month and end at 7 a.m. on the first day of the next succeeding month.

PRORATION PERIOD shall mean for oil the proration month and for gas six consecutive calendar months which shall begin at 7 a.m. on the first day of a calendar month and end at 7 a.m. on the first day of the seventh succeeding month.

PRORATION SCHEDULE shall mean the periodic order of the Commission authorizing the production, purchase and transportation of oil or of natural gas from the various units of oil or of natural gas proration in allocated pools.

RECOMPLETE shall mean the subsequent completion of a well in a different pool from the pool in which it was originally completed.

SECONDARY RECOVERY shall mean a method of recovering quantities of oil or gas from a reservoir which quantities would not be recoverable by ordinary primary depletion methods.

SHALLOW POOL shall mean a pool which has a depth range from 0 to 5000 feet.

SHORTAGE OR UNDERPRODUCTION shall mean the amount of oil or the amount of natural gas during a proration period by which a given proration unit failed to produce an amount equal to that authorized on the proration schedule.

SHUT-IN PRESSURE shall mean the gauge pressure noted at the wellhead when the well is completely shut-in. Not to be confused with bottom hole pressure.

TANK BOTTOMS shall mean that accumulation of hydrocarbon material and other substances which settle naturally below crude oil in tanks and receptacles that are used in handling and storing of crude oil, and which accumulations contains in excess of two (2%) percent of basic sediment and water; provided, however, that with respect to lease production and for lease storage tanks, a tank bottom shall be limited to that volume of the tank in which it is contained that lies below the bottom of the pipeline outlet thereto.

TOP UNIT ALLOWABLE FOR GAS shall mean the maximum number of cubic feet of natural gas, for the proration period, allocated to a gas producing unit in an allocated gas pool.

TOP UNIT ALLOWABLE FOR OIL shall mean the maximum number of barrels of oil daily for each calendar month allocated on a proration unit basis in a pool to non-marginal units.

TREATING PLANT shall mean any plant constructed for the purpose of wholly or partially or being used wholly or partially for reclaiming, treating, processing, or in any manner making tank bottoms or any other waste oil marketable.

TUBINGLESS COMPLETION shall mean a well completion in which the production string of casing has an outside diameter of 2.875 inches or less.

UNIT OF PRORATION FOR GAS shall consist of such multiples of 40 acres as may be prescribed by special pool rules issued by the Commission.

UNIT OF PRORATION FOR OIL shall consist of tracts of land each containing approximately forty acres in the form of a square in accordance with the legal subdivision of the U. S. Public Land Surveys and each predominantly situated within the confines of a pool.

UNORTHODOX WELL LOCATION shall mean a location which does not conform to the spacing requirements established by the rules and regulations of the Commission.

WASTE, in addition to its ordinary meaning, shall include:

(a) Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas.

(b) Surface Waste as those words are generally understood in the oil and gas business, and in any event to embrace the unnecessary or excessive surface loss or destruction without beneficial use, however caused, of natural gas of any type or in any form or crude petroleum oil, or any product thereof, and including the loss or destruction, without beneficial use, resulting from evaporation, seepage, leakage, or fire, especially such loss or destruction incident to or resulting from the manner of spacing, equipping, operating or producing, well or wells, or incident to or resulting from the use of inefficient storage or from the production of crude petroleum oil or natural gas, in excess of the reasonable market demand.

(c) The production of crude petroleum oil in this state in excess of the reasonable market demand for such crude petroleum oil. Such excess production causes or results in waste which is prohibited by Chapter 168, 1949 Session Laws. The words "reasonable market demand" as used herein with respect to crude petroleum oil, shall be construed to mean the demand for such crude petroleum oil for reasonable current requirements for current consumption and use within or outside of the state, together with the demand for such amounts as are reasonably necessary for building up or maintaining reasonable storage reserves of crude petroleum oil or the products thereof, or both such crude petroleum oil and products.

(d) The non-ratable purchase or taking of crude petroleum oil in this state. Such non-ratable taking and purchasing causes or results in waste, as defined in the subsections (a), (b), (c) of this section and causes waste by violating Section 12 (a), Chapter 168, 1949 Session Laws.

(e) The production in this state of natural gas from any gas well or wells, or from any gas pool, in excess of the reasonable market demand from such source for natural gas of the type produced or in excess of the capacity of gas transportation facilities for such type of natural gas. The words "reasonable market demand," as used herein with respect to natural gas, shall be construed to mean the demand for natural gas for reasonable current requirements, for current consumption and for use within or outside the state, together with the demand for such amounts as are necessary for building up or maintaining reasonable storage reserves of natural gas or products thereof, or both such natural gas and products.

B - MISCELLANEOUS RULES

RULE 1. SCOPE OF RULES AND REGULATIONS

(a) The following General Rules of statewide application have been adopted by the Oil Conservation Commission to conserve the natural resources of the State of New Mexico, to prevent waste, and to protect correlative rights of all owners of crude oil and natural gas. Special rules, regulations and orders have been and will be issued when required and shall prevail as against General Rules, Regulations and Orders if in conflict therewith. However, whenever these General Rules do not conflict with special rules heretofore or hereafter adopted, these General Rules will apply in each case.

(b) The Commission may grant exceptions to these rules after notice and hearing, when the granting of such exceptions will not result in waste but will protect correlative rights or prevent undue hardship.

RULE 2. ENFORCEMENT OF LAWS, RULES AND REGULATIONS DEALING WITH CONSERVATION OF OIL AND GAS

The Commission, its agents, representatives and employees are charged with the duty and obligation of enforcing all rules and statutes of the State of New Mexico relating to the conservation of oil and gas. However, it shall be the responsibility of all the owners or operators to obtain information pertaining to the regulation of oil and gas before operations have begun.

RULE 3. WASTE PROHIBITED

(a) The production or handling of crude petroleum oil or natural gas of any type or in any form, or the handling of products thereof, in such a manner or under such conditions or in such amount as to constitute or result in waste is hereby prohibited.

(b) All operators, contractors, drillers, carriers, gas distributors, service companies, pipe pulling and salvaging contractors, or other persons shall at all times conduct their operations in the drilling, equipping, operating, producing, plugging and abandonment of oil and gas wells in a manner that will prevent waste of oil and gas, and shall not wastefully utilize oil or gas, or allow either to leak or escape from a natural reservoir, or from wells, tanks, containers, pipe or other storage, conduit or operating equipment.

RULE 4. UNITED STATES GOVERNMENT LEASES

The Commission recognizes that all persons drilling on United States Government land shall comply with the United States government regulations. Such persons shall also comply with all applicable State rules and regulations which are not in conflict therewith. Copies of the "Sundry Notices and Reports on Wells" and the "Well Log" of the wells on U. S. Government land shall be furnished the Commission.

RULE 5. CLASSIFYING AND DEFINING POOLS

The Commission will determine whether a particular well or pool is a gas or oil well, or a gas or oil pool, as the case may be, and from time to time classify and reclassify wells and name pools accordingly, and will determine the limits of any pool or pools producing crude petroleum oil or natural gas and from time to time re-determine such limits.

RULE 6. FORMS UPON REQUEST

Forms for written notices, requests and reports required by the Commission will be furnished upon request.

RULE 7. AUTHORITY TO COOPERATE WITH OTHER AGENCIES

The Commission may from time to time enter into arrangements with State and Federal governmental agencies, industry committees and individuals, with respect to special projects, services and studies relating to conservation of oil and gas.

RULE 101. PLUGGING BOND

(a) Any person who has drilled or is drilling or proposes to drill for oil or gas shall submit to the Commission and obtain its approval of a bond, in a form approved by the Commission, conditioned to plug such well, if dry or when abandoned, in such way as to confine the oil, gas or water in the respective strata in which they are found. The bond shall be in an amount determined by the Commission after taking into consideration the depth of the well and local conditions, but in no case shall the amount of the bond* applicable to one well only, be more than $10,000.00. Each such bond shall be executed by a responsible surety company, authorized to transact business in the State of New Mexico. In cases where the principal on the bond is drilling or operating a number of wells within the State or proposes to do so, such principal may, with the approval of the Commission, submit a blanket bond* in the amount of $10,000.00 conditioned as above provided, covering all wells which such person may at any time before such bond is released, drill or operate within this state.

(b) For the purposes of the Commission the bond required is a plugging bond, not a drilling bond, and is to endure up to and including approved plugging when the well is dry or abandoned, even though the well be a producer. Transfer of property does not release the bond. In case of transfer to property and the principal desires to be released from the bond, he should proceed as follows:

(1) The principal on the bond should notify the Commission in writing that the well, or wells, describing each well by 40-acre tract - Section, Township and Range, has or have been transferred to a certain transferee, for the purpose of ownership or operation.

(2) On the same instrument the transferee should recite that he accepts such transfer and accepts the responsibility of such well or wells under his bond tendered therewith or under his blanket bond on file with the Commission.

(c) When the Commission has approved the transfer, the transferor is immediately released of the plugging responsibility of the well or wells as the case may be, and if such well or wells include all the wells within the responsibility of the transferor's bond, such bond will be released upon written notice by the Commission.

(d) The transferee of any oil or gas well or of the operation of any such well shall be responsible for the plugging of any such well and for that purpose shall submit a new plugging bond or produce the written consent of the surety of the prior plugging bond that the latter's responsibility shall continue.

(e) When the well or wells involved, or any such wells, are located on a state oil and gas lease, and the surface of the land involved was sold by the state prior to such oil and gas lease, such bond may, at the election of the principal, be conditioned not only for the plugging of such well or wells as above provided, but also to secure the payment of such damages to the livestock, range, water, crops or tangible improvements on such land as may be suffered by such purchaser or his successors in interest by reason of the development, use and occupation of the land resulting from

*Both forms - for one-well bond and blanket bond form - distributed from Commission office at Santa Fe.

such oil and gas leases. Any bond so conditioned must be approved, not only by the Commission, but by the Commissioner of Public Lands, in his capacity as such.

(f) Bonds conditioned to protect surface owners as aforesaid shall cover liability incurred during the entire period of oil and gas operations by the principal on the lands involved.

(g) The Commission will in writing advise the principal and sureties on any bond as to whether the plugging is approved, in order that, if the plugging is approved, liability under such bond may be formally terminated.

(h) The Secretary of the Commission is vested with power to act for the Commission as to all matters within this rule.

RULE 102. NOTICE OF INTENTION TO DRILL

Prior to the commencement of operations, notice shall be delivered to the Commission of intention to drill any well for oil or gas and approval obtained on Form C-101.

RULE 103. SIGN ON WELLS

Every drilling and producible well shall be identified by a sign, posted on the derrick or not more than 20 feet from such well, and such signs shall be of durable construction and the lettering thereon shall be kept in a legible condition and shall be large enough to be legible under normal conditions at a distance of 50 feet. The wells on each lease or property shall be numbered in non-repetitive, logical and distinctive sequence. Each sign shall show the number of the well, the name of the lease (which shall be different or distinctive for each lease), the name of the lessee, owner or operator, and the location by quarter section, township and range.

RULE 104. WELL SPACING: ACREAGE REQUIREMENTS FOR DRILLING TRACTS

(a) Any well which is to be drilled a distance of one mile or more from another well which has produced oil or gas from the formation to which the proposed well is projected, or one mile or more from the outer boundary of any defined pool which has produced oil or gas from the formation to which the proposed well is projected, shall be classified as a wildcat well. Any well which is to be drilled less than one mile from the outer boundary of a defined oil or gas pool which has produced oil or gas from the formation to which the proposed well is projected shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in the nearest such pool, provided that the well is completed in the formation to which it was projected. Provided further, that any well completed in a formation other than the one to which it was originally projected shall be operated and prorated in accordance with the rules and regulations in effect in the nearest pool within one mile which is producing from the formation in which said well is completed. If there is no designated pool for the aforesaid formation within one mile, the well shall be classified as a wildcat well.

(b) (1) Any well classified as a wildcat shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a quarter-quarter section or lot, being a legal subdivision of the U. S. Public Land Surveys and shall be located not closer than 330 feet to any boundary line of such tract, except as noted in paragraph (2) below.

(2) In San Juan, Rio Arriba, and Sandoval Counties, a wildcat well which is projected to a known gas producing horizon shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the U. S. Public Land Surveys, and shall be located 990 feet from the outer boundaries of the tract, provided however, that a tolerance of plus or minus 200 feet is permissible. Provided further, that no well shall be drilled closer than 130 feet to any quarter-quarter section or subdivision inner boundary. Provided further, that the district supervisor of the Commission shall have authority to grant approval for the spacing of any wildcat well in accordance with paragraph (b), subsection (1) above when such wildcat well is projected to an oil-producing horizon as recognized by the Commission. In the event gas production is encountered in a well which was projected to an oil-producing horizon and which is located according to paragraph (b), subsection (1) above but does not conform to the above-described gas location rule, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of gas can be given. In the event oil production is encountered in a well which was projected to a gas-producing horizon and which is located according to the above-described gas well location rule but does not conform to paragraph (b), subsection (1) above, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of oil can be given.

(c) Each well drilled within a defined oil pool shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal sub-division of the United States Public Land Surveys or on a governmental quarter-quarter section or lot and shall not be drilled closer than 330 feet to any boundary line of such tract or closer than 660 feet to the nearest well drilling to or capable of producing from the same pool.

(d) (1) Each well drilled within a defined gas pool shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the U. S. Public Land Surveys and shall not be drilled closer than 660 feet to any outer boundary line of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary nor closer than 1320 feet to a well drilling to or capable of producing from the same pool, except as noted in paragraph (2) below.

(2) In San Juan, Rio Arriba, and Sandoval Counties, a well drilled within a defined gas pool shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal sub-division of the U. S. Public Land Surveys and shall be located 990 feet from the outer boundaries of the tract, provided however, that a tolerance of plus or minus 200 feet is permissible. Provided further, that no well shall be drilled closer than 130 feet to any quarter-quarter section or subdivision inner boundary.

(e) Notice of Intention to Drill (C-101) for any well shall designate the exact legal subdivision allotted to the well and no C-101 will be approved by the Commission or any of its agents without proper designation of acreage.

(f) The Secretary of the Commission shall have authority to grant an exception to the well location requirements of (b), (c), and (d) above without notice and hearing where application has been filed in due form and

1. The necessity for the unorthodox location is based on topographical conditions, and

2. (a) The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, except in San Juan, Rio Arriba, and Sandoval Counties, where the radius shall be 790 feet from the proposed location, or

   (b) All owners of oil and gas leases within such radius consent in writing to the proposed location.

   (c) In lieu of paragraph 2 (b) of this rule the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to drill an unorthodox location. The Secretary-Director of the Commission may approve the application if, after a period of twenty days following the mailing of said notice, no operator has made objection to the drilling of the unorthodox location.

(g) Whenever an exception is granted, the Commission may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.

(h) If the drilling tract is within an allocated oil pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 39½ acres or more than 40½ acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 40.

(i) If the drilling tract is within an allocated gas pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 158 acres or more than 162 acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 160.

(j) In computing acreage under (h) and (i) above, minor fractions of an acre shall not be counted but ½ acre or more shall count as 1 acre.

(k) The provisions of (h) and (i) above shall apply only to wells completed after January 1, 1950. Nothing herein contained shall affect in any manner any well completed prior to the effective date of this rule and no adjustments shall be made in the allowable production for any such wells by reason of these rules.

(l) In order to prevent waste the Commission may, after notice and hearing, fix different spacing requirements and require greater acreage for drilling tracts in any defined oil pool or in any defined gas pool notwithstanding the provisions of (b) and (c) above.

(m) The Commission may approve the pooling for communitization of fractional lots of 20.49 acres or less with another oil proration unit when:

1. The units involved are contiguous;

2. Part of the same basic lease, carrying the same royalty interest; and

3. The ownership of the units involved is common.

Application to the Commission for pooling shall be accompanied by three (3) copies of a certified plat showing the dimensions and acreage involved in the pooling, the ownership of all leases and royalty interests involved, and the location of any proposed wells.

Applicants shall furnish all operators who directly offset the units involved with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all offset operators have been properly notified. In this instance, offset operators shall include only those operators who have offset properties within the State of New Mexico. The Commission shall wait at least ten (10) days before approving any such pooling, and shall approve such pooling only in the absence of objection from any offset operator. In the event that an operator objects to the pooling, the Commission shall consider the matter only after proper notice and hearing.

The Commission may waive the ten-day waiting period requirement if the applicant furnishes the Commission with the written consent to the pooling by all offset operators involved.

The Commission may consider that the requirements of subparagraphs 2 and 3 of Paragraph (m) of this rule have been fulfilled if the applicant furnishes with each copy of each application to the Commission a copy of an executed pooling agreement communitizing the units involved.

Each well drilled on any communitized tract shall be located in the approximate geographical center of the combined units with a tolerance of 150 feet for topographical conditions, but in any event shall not be located closer than 330 feet to the outer boundaries of the proposed proration unit or communitized tract.

RULE 105. PIT FOR CLAY, SHALE AND DRILL CUTTINGS

In order to assure a supply of proper material for mud-laden fluid to confine oil, gas, or water to their native strata during the drilling of any well, operators shall provide before drilling is commenced an adequate pit for the accumulation of drill cuttings.

RULE 106. SEALING OFF STRATA

(a) During the drilling of any oil or natural gas well, all oil, gas, and water strata above the producing horizon shall be sealed or separated in order to prevent their contents from passing into other strata.

(b) All fresh waters and waters of present or probable value for domestic, commercial or stock purposes shall be confined to their respective strata and shall be adequately protected by methods approved by the Commission. Special precautions by methods satisfactory to the Commission shall be taken in drilling and abandoning wells to guard against any loss of artesian water from the strata in which it occurs, and the contamination of artesian water by objectionable water, oil or gas.

[illegible]

[illegible]

[illegible]

interest by Figure 107-A, Temperature Gradient Curves. Typical performance data used shall be that data furnished by the cement manufacturer or by a competent materials testing agency, as determined in accordance with the latest edition of API Code RP 10 B "Recommended Practice for Testing Oil-Well Cements."

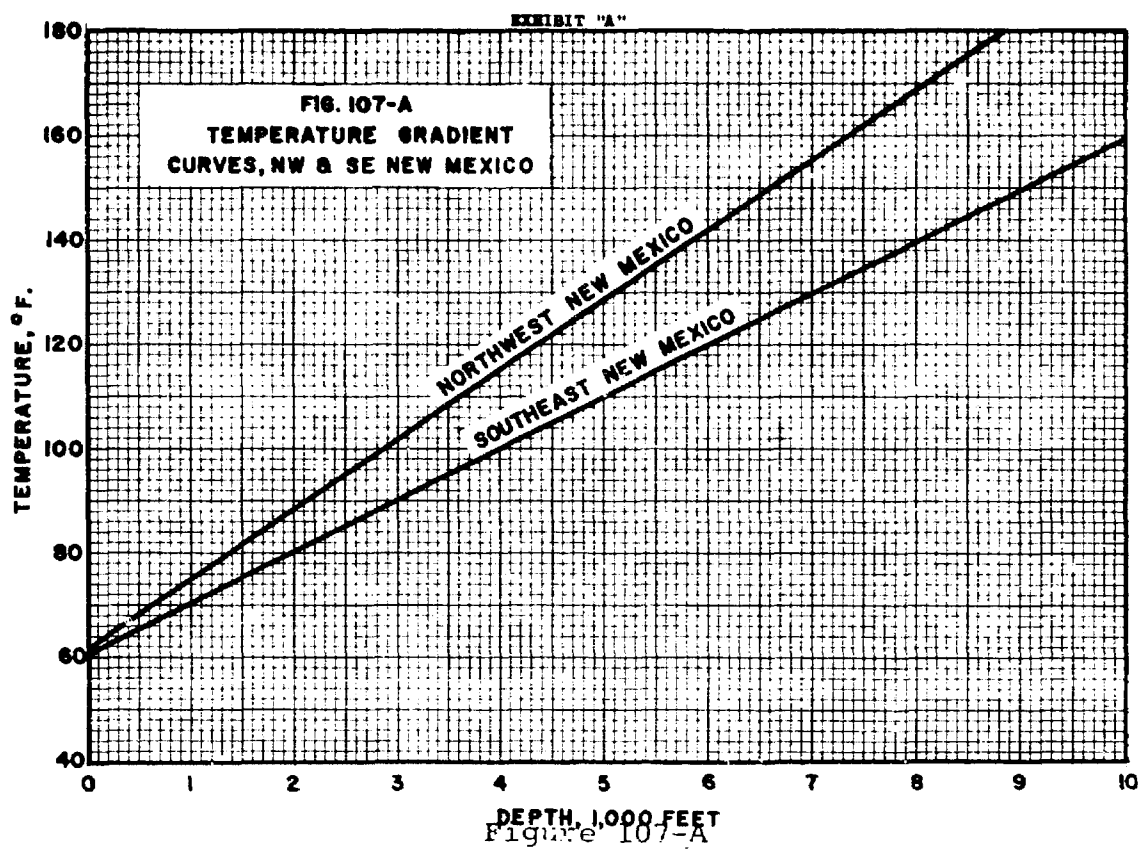


Figure 107-A

Operators using the compressive strength criterion (Option 2) shall report the following information on Form C-103:

(1) Volume of cement slurry (cubic feet).
(2) Brand name of cement and additives, percent additives used, and sequence of placement if more than one type cement slurry is used.
(3) Approximate temperature of cement slurry when mixed.
(4) Estimated minimum formation temperature in zone of interest.
(5) Estimate of cement strenght at time of testing.
(6) Actual time cement in place prior to starting casing test.

(c) All casing strings except conductor pipe shall be tested after cementing and before commencing any other operations on the well. Form C-103 shall be filed for each casing string reporting the grade and weight of pipe used. In the case of combination strings utilizing pipe of varied grades or weights, the footage of each grade and weight used shall be reported. The results of the casing test, including actual pressure held on pipe and the pressure drop observed shall also be reported on the same Form C-103.

(1) Casing strings in wells drilled with rotary tools shall be pressure tested. Minimum casing test pressure shall be approximately one-third of the manufacturer's rated internal yield pressure except that the test pressure shall not be less than 600 pounds per square inch and need not be greater than 1500 pounds per square inch. In cases where combination strings are involved, the above test pressures shall apply to the lowest pressure rated casing used. Test pressures shall be applied for a period of 30 minutes. If a drop of more than 10 percent of the test pressure should occur, the casing shall be considered defective and corrective measures shall be applied.

(2) Casing strings in wells drilled with cable tools may be tested as outlined in sub-paragraph (c) (1) above, or by bailing the well dry in which case the hole must remain satisfactorily dry for a period of at least one (1) hour before commencing any further operations on the well.

(d) (1) All flowing oil wells equipped with casing larger in size than 2-7/8 inch OD shall be tubed.

(2) All gas wells equipped with casing larger in size than 2-7/8 inch OD shall be tubed.

(3) Tubing shall be set as near the bottom as practical and tubing perforations shall not be more than 250 feet above the top of the pay.

(4) The Secretary-Director of the Commission may, upon proper application, grant administrative exceptions to the provisions of sub-paragraphs (2) and (3) above, without notice and hearing, provided waste will not be caused thereby.

(e) The Commission's District Supervisors or their representatives shall have authority to approve tubingless completions without the necessity of administrative approval or notice and hearing when the following conditions exist:

(1) The well is to be completed with a total depth of 5,000 feet or less,

(2) The well is not a wildcat (it is not more than one mile from an existing well producing from the same common source of supply to which it is projected),

(3) No known corrosive or pressure problems exist which might make the tubingless method of completion undesirable,

(4) The well will not be a dual completion,

(5) The tubing used as a substitute for casing will be either 2 3/8-inch OD or 2 7/8-inch OD.

RULE 108. DEFECTIVE CASING OR CEMENTING

In any well that appears to have a defective casing program or faultily cemented or corroded casing which will permit or may create underground waste, the operator shall proceed with diligence to use the appropriate method and means to eliminate such hazard

of underground waste. If such hazard of waste cannot be eliminated, the well shall be properly plugged and abandoned.

RULE 109. BLOW-OUT PREVENTION

In drilling in areas where high pressures are likely to exist, all proper and usual precautions shall be taken for keeping the well under control, including the use of blow-out preventers and high pressure fittings attached to properly cemented casing strings.

RULE 110. PULLING OUTSIDE STRINGS OF CASING

In pulling outside strings of casing from any oil or gas well, the space outside the casing left in the hole shall be kept and left full of mud-laden fluid or cement of adequate specific gravity to seal off all fresh and salt water strata and any strata bearing oil or gas not producing.

RULE 111. DEVIATION TESTS AND DIRECTIONAL DRILLING

(a) Any well which is drilled or deepened with rotary tools shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104, Request for Allowable. When the deviation average more than five degrees in any 500-fooc interval, the Secretary-Director of the Commission may require that a directional survey be run to establish the location of the producing interval (s).

The Secretary-Director of the Commission, at the request of an offset operator, may require any operator to make a directional survey of any well. Said directional survey and all associated costs shall be at the expense of the requesting party and shall be secured in advance by a $5,000.00 indemnity bond posted with and approved by the Commission. The requesting party may designate the well survey company, and said survey shall be witnessed by the Commission.

(b) No well shall be intentionally deviated without special permission from the Commission. Permission to deviate toward the vertical to straighten a crooked hole, to deviate toward the vertical or in an indeterminate direction to sidetrack junk in the hole, or to drill a relief well to control a blow-out shall be obtained from the appropriate District Office of the Commission on Commission Form C-102 with copies of said Form C-102 being furnished to all offset operators. Permission to deviate a well in any other manner of for any other reason will be granted only after notice and hearing. Upon request from the Secretary-Director of the Commission, any well which was deviated in an indeterminate direction or toward the vertical shall be directionally surveyed. In addition, a directional survey of the entire well bore must be made on any well which was deviated in a predetermined direction, except toward the vertical. The District Office of the Commission shall be notified of the approximate time all directional surveys are to be conducted. All directional surveys run on any well which was intentionally deviated in any manner for any reason must be filed with the Commission upon completion of the well. The Commission will not assign an allowable to a well until the operator has submitted an affidavit that all such directional surveys have been filed.

RULE 112-A - MULTIPLE COMPLETIONS

I. The multiple completion of any well may be permitted only by order of the Commission after notice and hearing, except as hereinafter provided. Multiple completi

of any well without prior approval by the Commission shall be solely at the operator's risk and shall in no way commit the Commission to subsequent approval thereof.

II. MULTIPLE COMPLETIONS (CONVENTIONAL)

The Secretary-Director of the Commission shall have the authority to grant an exception to the requirements of Rule 112-A (I) and approve the dual or triple completion of a well to produce from more than one common source of supply without notice and hearing when application for such approval has been filed in due form; and

(a) The Commission has previously authorized the similar multiple completion of a well in the same common sources of supply as proposed, after notice and hearing; provided however, that in Rio Arriba, San Juan, Sandoval, and McKinley Counties, a proposed multiple completion may be approved if the Commission has previously authorized the similar multiple completion of a well in the same formations as proposed, after notice and hearing; and

(b) The applicant proposes to utilize one of the mechanical installations described below:

1. The well is to be completed as a gas-gas dual or as a gas-gas-gas triple and the hydrocarbons from each of the zones can be safely and efficiently produced through parallel strings of tubing or a combination of tubing string (s) and the tubing-casing annulus.

2. The well is to be completed as an oil-oil dual or as an oil-oil-oil triple and the hydrocarbons from each of the zones can be safely and efficiently produced through parallel strings of tubing.

3. The well is to be completed as a combination oil and gas multiple completion and the hydrocarbons from each oil zone can be safely and efficiently produced through parallel strings of tubing and the hydrocarbons from each gas zone can be safely and efficiently produced through parallel string (s) of tubing or through a combination of tubing and the tubing-casing annulus; and

(c) All strings of tubing used for the production of oil in the proposed multiple completion will have a nominal inside diameter of not less than 1.670 inches nor greater than 2.50 inches; and

(d) The packer (s) used to segregate the separate zones of the multiple completion will be production-type packer (s) and shall effectively prevent communication between all producing zones.

III. MULTIPLE COMPLETIONS (TUBINGLESS AND COMBINATION)

The Secretary-Director of the Commission shall have the authority to grant an exception to the requirements of Rule 112-A(I)and approve the multiple completion of a well without notice and hearing where application has been filed in due form; and

(a) The Commission has previously authorized the similar multiple completion of a well in the same common sources of supply as proposed, after notice and hearing; provided however, that in Rio Arriba, San Juan, Sandoval, and McKinley Counties, a proposed multiple completion may be approved if the Commission has previously authorized the similar multiple completion of a well in the same formations after notice and hearing; and

(b) The applicant proposes to employ one of the following methods of completion:

1. Multiple Completion (Tubingless) Utilizing two or more small diameter casing strings (2.875 inches OD or less), one to each common source of supply, all cemented in a common well-bore.

2. Multiple Completion (Combination) utilizing a combination of small diameter (2.875 inches OD or less) and conventional diameter (greater than 2.875 inches) casing strings, all cemented in a common well-bore. Provided however, that if any conventional diameter casing in said multiple completion is used for the production of more than one common source of supply, the rules pertaining to Multiple Completions (Conventional) in Rule 112-A (II) above shall also apply; and

(c) Sufficient cement will be used in said multiple completion to extend throughout each pay and a minimum of 100 feet above; and

(d) Centralizers and/or turbolizers will be installed on each joint of casing throughout each pay and on a minimum of three joints above; and

(e) Directional perforating equipment will be used in perforating all intervals in any casing string in said multiple completion which intervals are in a zone through which one or more casing strings pass.

(f) The requirements of paragraphs (c) and (d) may be modified for multiple completions within given common sources of supply and within a given area if, in the opinion of the Secretary-Director, circumstances warrant such modification.

IV. ADMINISTRATIVE PROCEDURE

Application for administrative approval of a multiple completion shall be made in quadruplicate, with two copies of the application to be mailed to the

Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on the Commission Form entitled, "Application for Multiple Completion," and shall be accompanied by the following:

(a) Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location of packers, side door chokes, and such other information as may be pertinent.

(b) Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

(c) Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.

(d) Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as hereinafter provided.)

The Secretary-Director may approve the multiple completion if, after a period of 20 days following the filing of the application, no operator has filed objection to the proposed multiple completion.

V. Application for public hearing to authorize a multiple completion shall be made in triplicate to the Commission's Santa Fe office. Application shall be made on the Commission Form entitled "Application for Multiple Completion," and shall set forth all material facts relative to the common sources of supply involved and the manner and method of completion proposed. Application shall be accompanied by an exhibit showing the location of all wells on applicant's lease and all offset wells on offset leases.

VI. All muitiple completions, whether approved after hearing or by administrative procedure, shall be subject to the following rules:

(a) Prior to actual multiple completion of a well, operator shall make adequate pressure tests of the casing to determine that no casing leaks exist. Results of casing tests shall be reported to the Commission on Form C-103.

(b) The well shall be completed and thereafter produced in such a manner that there will be no commingling of hydrocarbons from the separate strata.

(c) The operator shall commence a segregation test and/or packer-leakage test not later than seven (7) days after actual multiple completion of the well. Segregation tests and/or packer-leakage tests shall also be made any time the packer is disturbed and at such other intervals as the Commission may prescribe. The operator shall also make all other tests and determinations deemed necessary by the Commission. The Commission shall be notified of the time such tests are to be commenced and tests may be witnessed by the Commission at its election. Representatives of offset operators may witness such tests at their election and shall advise the producer in writing if they desire to be notified when such tests are to be conducted. Results of such tests shall be filed with the Commission within fifteen (15) days after the completion of tests; provided, however, that in the event a segregation test or packer-leakage test indicates that there is communication between the separate strata, the operator shall immediately notify the Commission and commence remedial action on the well.

(d) A packer setting affidavit shall accompany the report of the initial segregation test and packer leakage test, if applicable.

(e) The well shall be so equipped that reservoir pressures may be determined for each of the separate strata and further be so equipped that meters may be installed and the gas, oil and gas, and oil produced from each of the separate strata may be accurately measured, and the gas-oil ratio or the gas-liquid ratio thereof determined.

(f) Within 15 days after the completion of the well, the operator shall furnish the Commission with a diagrammatic sketch of the mechanical installation which was actually used in completing the well together with a report of the gravity, gas-oil ratio or gas-liquid ratio, and reservoir pressure for each of the separate zones, and the log of the well if the same has not been previously submitted.

RULE 112-B. BRADENHEAD GAS WELLS

(a) The production of gas from a Bradenhead gas well may be permitted only by order of the Commission upon hearing, except as noted by the provisions of paragraph (c) of this rule.

RULE 115. WELL AND LEASE EQUIPMENT

Christmas tree fittings or wellhead connections shall be installed and maintained in first class condition so that all necessary pressure tests may easily be made on flowing wells. On oil wells the Christmas tree fittings shall have a test pressure rating at least equivalent to the calculated or known pressure in the reservoir from which production is expected. On gas wells the Christmas tree fittings shall have a test pressure equivalent to at least 150 per cent of the calculated or known pressure in the reservoir from which production is expected.

Valves shall be installed and maintained in good working order to permit pressures to be obtained on both casing and tubing. Each flowing well shall be equipped to control properly the flowing of each well, and in the case of an oil well, shall be produced into an oil and gas separator of a type generally used in the industry.

RULE 116. NOTIFICATION OF FIRE, BREAKS, LEAKS OR BLOWOUTS

All persons controlling or operating any oil or gas well or pipe line, or receiving tank, storage tank, or receiving and storage receptacle into which crude oil is produced, received or stored, or through which oil is piped or transported, shall immediately notify the Commission by letter giving full details concerning all fires which occur at such oil or gas well or tank or receptacle on their property, and all such persons shall immediately report all tanks or receptacles struck by lightning and any other fire which destorys oil or gas, and shall immediately report any breaks or leaks in or from tanks or receptacles and pipe lines from which oil or gas is escaping or has escaped. In all such reports of fires, breaks, leaks or escapes, or other accidents of this nature, the location of the well, tank, receptacle, or line break shall be given by Section, Township, Range and property, so that the exact location thereof can be readily located on the ground. Such report shall likewise specify what steps have been taken or are in progress to remedy the situation reported, and shall detail the quantity of oil or gas lost, destroyed or permitted to escape. In case any tank or receptacle is permitted to run over, the amount running over shall be reported as in the case of a leak. The report hereby required as to oil losses shall be necessary only in case such losses exceed 100 barrels in the aggregate during any proration period.

RULE 117. WELL LOG, COMPLETION AND WORKOVER REPORTS

Within 20 days after the completion of a well drilled for oil or gas, or the recompletion of a well into a different common source of supply, a completion report shall be filed with the Commission on Form C-105. For the purpose of this rule, any hole drilled or cored below fresh water or which penetrates oil or gas-bearing formations or which is drilled by an "owner" as defined herein shall be presumed to be a well drilled for oil or gas.

utilization is desired by the landowner, the well need not be filled above a sealing plug set below the fresh water formation, provided that written agreement for such use shall be secured from the landowner and filed with the Commission.

RULE 204. LIABILITY

The owner of any well drilled for oil or gas, or any seismic, core or other exploratory holes, whether cased or uncased, shall be responsible for the plugging thereof.

E - OIL PRODUCTION OPERATING PRACTICES

RULE 301. GAS-OIL RATIO TEST

(a) Each operator shall take a gas-oil ratio test nor sooner than 30 days nor later than 60 days following the completion or recompletion of an oil well, provided that (1) the well is a wildcat, or (2) the well is located within a pool not exempted from the requirements of this rule. (Wells located within one mile of the outer boundaries of a defined oil pool shall be governed by the provisions of this rule which are applicable to the nearest pool producing from the same formation.) The results of such test shall be reported on Form C-116. The gas-oil ratio thus reported shall become effective for proration purposes on the first day of the calendar month following the date they are reported.

Each operator shall also take an annual gas-oil ratio test of each producing oil well, located within a pool not exempted from the requirements of this rule, during a period prescribed by the Commission. A gas-oil ratio survey schedule shall be established by the Commission setting forth the period in which gas-oil ratio tests are to be taken for each pool wherein a test is required. The gas-oil ratio test applicable shall be such test designated by the Commission, made by such method and means, and in such manner as the Commission in its discretion may prescribe from time to time.

(b) The results of gas-oil ratio tests taken during regular survey periods shall be filed with the Commission on Form C-116 not later than the 10th of the month following the close of the survey period for the pool in which the well is located. The gas-oil ratios thus reported shall become effective for proration purposes on the first day of the second month following the close of the survey period. Unless Form C-116 is filed within the required time limit, no further allowable will be assigned the affected well until Form C-116 is filed.

(c) In the case of special tests taken between regular gas-oil ratio surveys, the gas-oil ratio shall become effective for proration purposes upon the date Form C-116, reporting the results of such test, is received by the Proration Department. A special test does not exempt any well from the regular survey.

(d) During gas-oil ratio test, each well shall not be produced at a rate exceeding top unit allowable for the pool in which it is located by more than 25 per cent. No well shall be assigned an allowable greater than the amount of oil produced on official tests during a 24-hour period.

RULE 302. SUBSURFACE PRESSURE TESTS ON NEW POOLS

The operator shall make a subsurface pressure test on the discovery well of any new pool hereafter discovered, and shall report the results thereof to the Commission within 30 days after the completion of such discovery well. On or before December 1st of each calendar year the Commission shall designate the months in which subsurface pressure tests shall be taken in designated pools. Included in the designated list shall be listed the required Shut-in Pressure time and datum of tests to be taken in each pool. In the event a newly discovered pool is not included in the Commission's list the Commission shall issue a supplementary Bottom Hole Pressure Schedule. Tests as designated by the Commission shall only apply to flowing wells in each pool. This test shall be made by a person qualified by both training and experience to make such test, and with an approved subsurface pressure instrument which shall have been calibrated both prior and subsequent to such test against an approved dead-weight tester.

Provided the prior and subsequent calibrations agree within one percent, the accuracy of the instrument shall be considered acceptable. Unless otherwise designated by the Commission all wells shall remain completely shut-in for at least 24 hours prior to the test. In the event a definite datum is not established by the Commission the subsurface determination shall be obtained as close as possible to the mid-point of the productive sand of the reservoir. The report shall be on Form C-124 and shall state the name of the pool, the pool datum (if established), the name of the operator and lease, the well number, the wellhead elevation above sea level, the date of the test, the total time the well was shut-in prior to the test, the subsurface temperature in degrees Fahrenheit at the test depth, the depth in feet at which the subsurface pressure test was made, the observed pressure in pounds per square inch gauge (corrected for calibration and temperature), the corrected pressure computed from applying to the observed pressure the appropriate correction for difference in test depth and reservoir datum plane and any other information as required by Form C-124.

RULE 303. SEGREGATION OF PRODUCTION FROM POOLS.

(a) Each pool shall be produced as a single common source of supply and the wells therein shall be completed, cased, maintained, and operated so as to prevent communication, within the well bore, with any other specific pool or horizon, and the production therefrom shall at all times be actually segregated, and the commingling or confusion of such production, before marketing, with the production from any other pool or pools is strictly prohibited.

(b) The Secretary-Director of the Commission shall have the authority to grant an exception to Rule 303 (a) to permit the commingling in common facilities of the commonly owned production from two or more common sources of supply, without notice and hearing, provided that the liquid hydrocarbon production from each common source of supply is to be accurately measured or determined prior to such commingling in accordance with the applicable provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," then current.

Applications for administrative approval to commingle the production from two or more common sources of supply shall be filed in triplicate with the Santa Fe office of the Commission. The application must contain detailed data as to the gravities of the liquid hydrocarbons, the values thereof, and the volumes of the liquid hydrocarbons from each pool, as well as the expected gravity and value of the commingled liquid hydrocarbon production; a schematic diagram of the proposed installation; a plat showing the location of all wells on the applicant's lease and the pool from which each well is producing. The application shall also state specifically whether the actual commercial value of such commingled production will be less than the sum of the values of the production from each common source of supply and, if so, how much less.

Where State or Federal lands are involved, applicant shall furnish evidence that the Commissioner of Public Lands for the State of New Mexico or the Regional Supervisor of the United States Geological Survey has consented to the proposed commingling.

RULE 304. CONTROL OF MULTIPLE COMPLETED WELLS

Multiple completed wells which have been authorized by the Commission shall at all times be operated, produced and maintained in a manner to insure the complete segregation of the various common sources of supply. The Commission may require such tests as it deems necessary to determine the effectiveness of the segregation of the different common sources of supply.

RULE 305. METERED CASINGHEAD GAS

The owner of a lease shall not be required to measure the exact amount of casinghead gas produced and used by him for fuel purposes in the development and normal operation of the lease. All casinghead gas produced and sold or transported away from a lease, except small amounts of flare gas, shall be metered and reported in standard cubic feet monthly to the Commission. The amount of casinghead gas sold in small quantities for use in the field may be calculated upon a basis generally acceptable in the industry, or upon a basis approved by the Commission in lieu of meter measurements.

RULE 306. VENTED CASINGHEAD GAS

Pending arrangement for disposition for some useful purpose, all vented casinghead gas shall be burned, and the estimated volume reported on Form C-115.

RULE 307. USE OF VACUUM PUMPS

Vacuum pumps or other devices shall not be used for the purpose of creating a partial vacuum in any stratum containing oil or gas.

RULE 308. SALT OR SULPHUR WATER

Operators shall report monthly on Form C-115 the amount or percentage of salt or sulphur water produced with the oil by each well making 2% or more water.

RULE 309-A CENTRAL TANK BATTERIES - AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Oil shall not be transported from a lease until it has been received and measured in a facility of an approved design located on the lease. Such facilities shall permit the testing of each well at reasonable intervals and may be comprised of manually gauged closed stock tanks for which proper strapping tables have been prepared, with a maximum of sixteen proration units producing into said tanks, or of automatic custody transfer (ACT) equipment. The use of such automatic custody transfer equipment shall be permitted only after compliance with the following:

1. The operator shall file with the Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, and shall receive approval thereof prior to transferring oil through the ACT system. The carrier shall not accept delivery of oil through the ACT system until Form C-106 has been approved.

2. Form C-106 shall be submitted in quadruplicate to the appropriate District Office of the Commission and shall be accompanied (in quadruplicate) by the following:

(a) Plat of the lease showing thereon all wells which will be produced into the ACT system.

(b) Schematic diagram of the ACT equipment, showing thereon all major components such as surge tanks and their capacity, exact storage tanks and their capacity, transfer pumps, monitors, recycle valves, treaters, samplers, strainers, air and gas eliminators, back pressure valves, metering device (indicating type and capacity, i. e., whether automatic measuring tank, positive volume metering chamber, weir-type measuring

vessel, or positive displacement meter). Schematic diagram shall also show means employed to prove accuracy of measuring device.

(c) Letter from transporter agreeing to utilization of ACT system as shown on schematic diagram.

3. Form C-1C6 will not be approved by the Commission unless the ACT system is to be installed and operated in compliance with the following:

(a) Provision must be made for accurate determination and recording of uncorrected volume and applicable temperature, or of temperature corrected volume. The overall accuracy of the system shall equal or surpass manual methods.

(b) Provision must be made for representative sampling of the oil transferred for determination of API gravity and BS&W content.

(c) Provision must be made if required by either the producer or the transporter of the oil to give adequate assurance that only merchantable oil is run by the ACT system.

(d) Provision must be made for set-stop counters to stop the flow of oil through the ACT system at or prior to the time the allowable has been run. All counters shall provide non-reset totalizers which shall be visable for inspection at all times.

(e) All necessary controls and equipment must be enclosed and sealed, or otherwise be so arranged as to provide assurance against, or evidence of, accidental or purposeful mismeasurement resulting from tampering.

(f) All components of the ACT system shall be properly sized to ensure operation within the range of their established ratings. All components of the system which require periodic calibration and/or inspection for proof of continued accuracy must be readily accessible. The frequency and methods of such calibration and/or inspection shall be as set forth in Rule 309-A, 4-c.

(g) The control and recording system must include adequate fail-safe features which will provide assurance against mismeasurement in the event of power failure, or the failure of the ACT system's component parts.

(h) 1. The ACT system and allied facilities shall include such fail-safe equipment as may be necessary, including high level switches in the surge tank or overflow storage tank which, in the event of power failure or malfunction of the ACT or other equipment, will shut down all artificially lifted wells connected to the ACT system and will shut-in all flowing wells at the well-head or at the header manifold, in which latter case all flowlines shall be pressure tested to at least 1½ times the maximum well head shut-in pressure prior to initial use of the ACT system and each two years thereafter

2. As an alternative to the requirements of paragraph (h) 1 above, the producer shall provide and shall at all times maintain a minimum of available storage capacity above the normal high working level of the surge tank to receive and hold the amount of oil which may be produced during maximum unattended time of lease operation.

4. (a) In all ACT systems employing automatic measuring tanks, weir-type measuring vessels, positive volume metering chambers, or any other volume measuring container, the container and allied components shall be properly calibrated prior to initial use and shall be operated, maintained, and inspected as necessary to ensure against incrustation, changes in clingage factors, valve leakage or other leakage, and improper action of floats, level detectors, etc.

(b) In all ACT systems employing positive displacement meters, the meter (s) and allied components shall be properly calibrated prior to initial use and shall be operated, maintained, and inspected as necessary to ensure against mismeasurement of oil.

(c) The measuring and recording devices of all ACT systems shall be checked for accuracy at least once each month unless exception to such determination has been obtained from the Secretary-Director of the Commission. API Standard 1101, "Measurement of Petroleum Liquid Hydrocarbons by Positive Displacement Meter," shall be used where applicable. Meters may be proved against Master Meters, Portable Prover Tanks, or Prover Tanks permanently installed on the lease. If permanently installed Prover Tanks are used, the distance between the opening and closing levels and the provision for determining the opening and closing readings shall be sufficient to detect variations of 5/100 of one percent. Reports of determination shall be filed on the Commission Form entitled "Meter Test Report," or on another acceptable form and shall be submitted in duplicate to the appropriate District Office of the Commission.

(d) To obtain exception to the requirement of paragraph (c) above that all measuring and recording devices be checked for accuracy once each month, either the producer or transporter may file such a request with the Secretary-Director of the Commission setting forth all facts pertinent to such exception. The application shall include a history of the average factors previously obtained, both tabulated and plotted on a graph of factors versus time, showing that the particular installation has experienced no erratic drift. The applicant shall also furnish evidence that the other interested party has agreed to such exception. The Secretary-Director may then set the frequency for determination of the system's accuracy at the interval which he deems prudent.

5. Failure to operate an automatic custody transfer system in compliance with this rule shall subject the approval thereof to revocation by the Commission.

RULE 309-B. ADMINISTRATIVE APPROVAL, LEASE COMMINGLING

The Secretary-Director of the Commission shall have authority to grant exceptions to Rule 309-A to permit the commingling of production from two or more separate leases in a common tank battery without notice and hearing, provided application has been filed in triplicate with the Commission and is accompanied by plats of the leases showing thereon the wells on the leases and the formations in which they are completed, and schematic diagrams of the commingling facility, showing it to be of an acceptable design

in accordance with the Commission "Manual for the Installation and Operation of Commingling Facilities," then current, and provided further that:

1. All production is from the same common source of supply or an exception to Rule 303 (a) has been obtained.

2. Adequate facilities will be provided for accurately determining production from each well at reasonable intervals.

3. All parties owning an interest in the leases and the purchaser of the commingled production therefrom have consented in writing to the commingling of production from the separate leases.

4. In lieu of paragraph 3 of this rule, the applicant may furnish proof of the fact that said parties were notified by registered or certified mail of his intent to commingle production from the separate leases. The Secretary-Director may approve the application if, after a period of 20 days following receipt of the application, no party has made objection to the application.

5. In addition to the foregoing requirements for administrative approval to commingle production from two or more separate leases, the following requirements shall also apply:

> (a) To commingle production from two or more separate leases in a common tank battery without first separately measuring the production from each such lease, the ownership of the leases must be common throughout. This shall include working interest ownership, royalty ownership and overriding royalty ownership.
>
> (b) To commingle production from two or more separate leases in a common tank battery where there is a diversity of ownership (whether in working interest, royalty interest, or overriding royalty interest) the hydrocarbon production from each lease shall be accurately measured and determined in accordance with the applicable provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," then current.

RULE 309-C. ADMINISTRATIVE APPROVAL, OFF-LEASE STORAGE

For good cause shown, the Secretary-Director of the Commission shall have authority to grant an exception to Rule 309-A to permit the production from one lease to be transported prior to measurement to another lease for storage thereon, provided an application reflecting ownership of the leases has been filed in triplicate with the Commission and is accompanied by plats of the leases showing thereon the wells on the leases and the formations in which they are completed and the proposed location of the tank battery, and provided further that:

1. All production is from the same common source of supply.

2. Commingling of production from the two leases will not result.

3. There will be no intercommunication of the handling, separating,

treating, or storage facilities designated to each lease.

4. All parties owning an interest in the leases have consented in writing to the off-lease storage.

5. In lieu of paragraph 4 of this rule, the applicant may furnish proof of the fact that said parties were notified by registered or certified mail of his intent to transport prior to measurement the production from one lease to another lease for storage. The Secretary-Director may approve the application if, after a period of 20 days following receipt of the application, no party has made objection to the application.

6. Where State or Federal lands are involved, the applicant shall furnish evidence that the Commissioner of Public Lands for the State of New Mexico or the Regional Supervisor of the United States Geological Survey has consented to the proposed off-lease storage.

RULE 310. OIL TANK AND FIRE WALLS

Oil shall not be stored or retained in earthen reservoirs, or in open receptacles. Dikes or fire walls shall not be required except such fire walls must be erected and kept around all permanent oil tanks, or battery of tanks that are within the corporate limits of any city, town, or village, or where such tanks are closer than 150 feet to any producing oil or gas well or 500 feet to any highway or inhabited dwelling or closer than 1000 feet to any school or church; or where such tanks are so located as to be deemed an objectionable hazard within the discretion of the Commission. Where fire walls are required, fire walls shall form a reservoir having a capacity one-third larger than the capacity of the enclosed tank or tanks.

RULE 311. SEDIMENT OIL

(a) "Sediment oil" is defined as tank bottoms and any other accumulations of liquid hydrocarbons on an oil and gas lease, which hydrocarbons are not merchantable through normal channels.

(b) No sediment oil shall be burned or otherwide destroyed unless and until the Commission has approved an application to destroy the same on Form C-117-A (sediment oil destruction permit). Unless the authorization to burn sediment oil is utilized within ten (10) days after approval of the Form C-117-A, such authorization is automatically revoked. However, the District Supervisor may approve one ten (10) day extension in writing for good cause shown. No sediment oil destruction permit shall be required when the sediment oil is put to beneficial use on the originating lease for purposes of oiling lease roads, fire walls, tank grades, or other similar purposes.

(c) When sediment oil is to be removed from a lease for reclamation, the person removing such sediment oil shall obtain a permit (Form C-117-B) from the appropriate District Office of the Commission prior to removal of the oil from the lease. Any merchantable oil recovered from sediment oil shall be charged against the allowable for the wells on the originating lease. All such recovered oil shall be reported by the operator of the lease on Form C-115 (Operator's Monthly Report). Nothing contained in paragraph (c) of this Rule shall apply to reclaiming of pipeline break oil or the treating of tank bottoms occurring at a pipeline station, crude oil storage terminal, or refinery, to the treating by a gasoline plant operator of oil and other catchings collected in traps and drips in the gas gathering lines connected to gasoline plants and in

scrubbers at such plants, nor to the treating or reclamation of oil and other cathings collected in community salt water disposal systems.

RULE 312. TREATING PLANTS

No treating plant shall operate except in conformity with the following provisions:

(a) Prior to the construction of a treating plant, a written application shall be filed for a treating plant permit stating in detail the location and type and capacity of the plant contemplated. The Commission, in not less than 30 days, will set such application for hearing to determine whether the proposed plant and method of processing will efficiently process, treat, and reclaim sediment oil. Before beginning actual operations, the permittee shall file with the Commission a performance bond in the amount of $10,000.00, conditioned upon substantial compliance with applicable statutes of the State of New Mexico and all rules, regulations, and orders of the Oil Conservation Commission of New Mexico.

(b) Such permit shall entitle the treating plant operator to an approved Certificate of Compliance and Authorization to Transport Oil, Commission Form ~~C-110~~, for the total amount of products secured from sediment oils processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause.

(c) All treating plant operators shall, on or before the 25th day of each calendar month, file at the appropriate District Office, a monthly report on Commission Form C-118, which report shall support the Commission Form ~~C-110~~ for the net oil recovered and sold during the preceding month.

The operator of each lease from which sediment oil is removed for reclamation shall be promptly notified by the treating plant operator of the amount of pipeline oil recovered therefrom. In the event sediment oil from two or more separate leases is to be commingled prior to treating, the treating plant operator shall determine the amount of pipeline oil attributable to each lease by testing a representative sample of the sediment oil from said lease in accordance with the standard centrifugal test prescribed by the API Code for Measuring, Sampling, and Testing Crude Oil, Number 25, Section 5.

RULE 313. EMULSION, BASIC SEDIMENTS, AND TANK BOTTOMS

Wells producing oil shall be operated in such a manner as will reduce as much as practicable the formation of emulsion and basic sediments. These substances and tank bottoms shall not be allowed to pollute streams or cause surface damage. If tank bottoms are removed to surface pits, the pits shall be fenced and the fence shall be kept in good repair.

RULE 314. GATHERING, TRANSPORTING AND SALE OF DRIP

(a) "Drip" is defined as any liquid hydrocarbon incidentally accumulating in a gas gathering or transportation system.

(b) The waste of drip is hereby prohibited when it is economically feasible to salvage the same.

(c) The movement and sale of drip is hereby authorized, provided the provisions of this Rule are complied with.

F - NATURAL GAS PRODUCTION OPERATING PRACTICE

RULE 401. METHOD OF DETERMINING NATURAL GAS WELL POTENTIAL

All operators shall conduct tests to determine the daily open flow potential volumes of all natural gas wells from which gas is being used or marketed. Such tests shall be reported on forms prescribed by the Commission within 60 days after: (1) the date of initial connection of the well to a gas transportation facility and (2) the date of reconnection following workover.

To establish comparable open flow capacity, wells shall be tested in accordance with the New Mexico Oil Conservation Commission "Manual for Back-Pressure Test for Natural Gas Wells." In the event the Commission approves an alternate method for testing, all wells producing from a common source of supply shall be tested in a uniform and comparable manner.

RULE 402. METHOD AND TIME OF SHUT-IN PRESSURE TESTS

(a) Shut-in pressure tests shall be taken on all natural gas wells annually. Such tests shall be taken by the operator of the well during the month of July, August, or September unless otherwise specified by special pool rules or special directive. Tests shall be reported to the appropriate District Office of the Commission on Form C-125 not later than October 15 of the same year.

(b) Shut-in pressures shall be taken with a dead weight gauge after a minimum shut-in period of 24 hours. When the shut-in period exceeds 24 hours, the length of time the well was shut in shall be reported to the Commission.

(c) The Secretary-Director of the Commission may prescribe special shut-in pressure test periods and procedures for pools when he deems the same necessary in order to obtain more accurate pressure data.

RULE 403. NATURAL GAS FROM GAS WELLS TO BE MEASURED

All natural gas produced shall be accounted for by metering or other method approved by the Commission and reported to the Commission by common purchaser of the gas. Gas produced from a gas well and delivered to a gas transportation facility shall be reported by the owner or operator of the gas transportation facility. Gas produced from a gas well and required to be reported under this rule, which is not delivered to and reported by a gas transportation facility, shall be reported by the operator of the well.

RULE 404. NATURAL GAS UTILIZATION

(a) After the completion of a natural gas well, no gas from such well shall be (1) permitted to escape to the air, (2) used expansively in engines or pumps and then vented, or (3) used to gas-lift wells unless all gas produced is processed in a gasoline plant, used in the manufacture of carbon black, or beneficially used thereafter without waste.

(b) Carbon black plants may utilize natural gas only in those instances in which all casinghead gas and residue gas produced in the vicinity of or which may reason-

ably be reached from the carbon black plant, is being used benefically.

(c) Any carbon black plant hereinafter constructed, or any existing carbon black plant which enlarges or expands its facilities for the manufacturer of carbon black, may utilize natural gas in the manufacture of carbon black only after permission of the Commission is obtained upon due notice and hearing.

RULE 405. STORAGE GAS

With the exception of the requirement to meter and report monthly the amount of gas injected and the amount of gas withdrawn from storage in the absence of waste these rules and regulations shall not apply to gas being injected into or removed from storage.

RULE 406. CARBON DIOXIDE

(a) Insofar as is applicable, the statewide regulations relating to gas, natural gas, gas wells, gas reservoirs, shall also apply to carbon dioxide, carbon dioxide wells, and carbon dioxide reservoirs.

(b) Copies of rules and regulations particularly affecting carbon dioxide gas fields, insofar as they may vary from these general rules and regulations for oil and natural gas, may be obtained from the Commission office in Santa Fe.

G - OIL PRORATION AND ALLOCATION

RULE 501. REGULATION OF OIL POOLS

(a) To prevent waste, the Commission shall prorate and distribute the allowable production among the producers in a pool upon a reasonable basis and recognizing correlative rights.

(b) After notice and hearing, the Commission, in order to prevent waste and protect correlative rights; may promulgate special rules, regulations or orders pertaining to any pool.

RULE 502. RATE OF PRODUCING WELLS

I. Daily Tolerance

(a) It is recognized that oil wells located on units capable of producing their allowables may overproduce one day and underproduce another. No unit capable of producing its allowable, except for the purpose of testing, in the process of completing or recompleting a well, or for tests made for the purpose of obtaining scientific data, shall produce any day more than 125% of the daily top unit allowable for the pool in which the same is located. (Subject to the foregoing, any underproduction may be made up by production from the same unit within the same month, and in like manner any overproduction shall be adjusted or balanced by underproduction from the same unit, within the same proration period.)

(b) It is also recognized that certain wells must, as a matter of practicality, be produced at daily rates in excess of 125% of the daily top unit allowable for the pool in which such wells are located. The Secretary of the Commission is hereby given authority to grant exceptions to the provisions of paragraph (a) above, without formal hearing, where application is filed in due form setting out the reasons for such requested exception; applicants for such exceptions shall, at the time of filing, also furnish each operator in the pool in which the subject well is located, a copy of such application. Included in any application for exception or attached thereto, filed under authority hereof, shall be a formal written statement by the applicant that every operator in the pool in which the subject well is located has been served with a copy of such application. The Secretary of the Commission shall wait at least ten (10) days after receipt, before approving any such application, and shall approve the same only in absence of objection from any operator or interested party, or in his discretion. In event the Secretary for any reason fails to approve such application, the Commission after notice will hear and determine the matter.

II. Monthly Tolerance

No unit shall produce during any one proration period more than the allowable production of such unit for the proration period plus a tolerance of not to exceed five (5) days allowable production. This permissive tolerance of overproduction from a unit shall be subject to all other provisions of Rule 502 and particularly to the provisions of Paragraph IV. This permissive tolerance of overproduction from a unit shall be adjusted or balanced by subsequent corresponding underproduction from the same unit. Overproduction within the permitted tolerance shall be considered as oil produced against the allowable production assigned to the unit for the proration period during which such overproduction is adjusted or balanced by underproduction.

[illegible]

[illegible]

[illegible]

ize the production of oil from the various units in strict accordance with the schedule. Any well completed on or after the first day of the proration period is authorized to produce such amount of oil as said well may be capable of producing without waste up to top unit allowable determined in accordance with Rule 504. The allowable production for such well shall be effective at 7:00 a.m. on the date of completion, provided Form C-104 is approved during the proration period in which the well is completed; otherwise the allowable will become effective at 7:00 a.m. on the first day of the proration period in which Form C-104 is approved; and provided further, a supplementary proration schedule is issued by the Commission establishing the effective date, and the daily rate of production permitted the remainder of the proration period.

(d) A marginal unit shall be permitted to produce any amount of oil which it is capable of producing without waste up to and including the top unit allowable for the pool in which such unit is located subject to the provisions of Rule 301 and Rule 506; provided the owner of such unit shall file with the Commission written application setting forth the daily amount of oil such unit is capable of producing; and provided further a supplementary proration schedule is issued by the Commission setting forth the daily allowable rate of production for such unit and the effective date thereof, which shall be the date on which said application is received in the office of the Commission.

(e) A tabulation of supplementary proration schedules issued during any proration period will be listed in the next proration schedule.

(f) In the event it becomes necessary for any transporter of crude petroleum to resort to pipeline proration in New Mexico, such transporter shall, as soon as possible and not later than 24 hours after the effective date thereof, notify the Commission of its decision to so prorate; upon receipt of such notice from such transporter, the Commission may take such emergency action, as may be deemed proper, and/or upon its own motion, after notice, hold a hearing for the purpose of considering any action within its authority, to preserve and protect correlative rights.

In case of pipeline proration any operator affected thereby has the right to make application to the Commission for authorization to have any shortage or underproduction resulting therefrom included in subsequent proration schedules. Such applications shall be made upon a form hereby authorized to be prescribed by the Commission and filed therewith within thrity days after the close of the first proration period in which such pipeline proration shortage occurred, and such authorization shall be limited in any event to wells capable of producing the daily top unit allowable for such period.

In approving any such application the Commission shall determine the period of time during which such shortage shall be made up without injury to the well or pool, and shall include the same in the regularly approved proration schedules following the conclusion of pipeline proration.

RULE 504. AUTHORIZATION FOR PRODUCTION OF OIL WHILE COMPLETING, RECOMPLETING, OR TESTING AN OIL WELL

(a) In the event an operator does not have sufficient lease storage to hold oil produced from a well during the process of its drilling, completing, recompleting, or testing, the operator of said well shall be permitted to produce and sell from said well an amount of oil as may be necessary to drill, complete, recomplete, or test said well; provided however, that the operator of said well shall file with the Commission

a written application stating the circumstances at said well and setting forth therein the estimated amount of oil to be produced during the aforementioned process of operations, and provided further that said application is approved by the Commission. Oil produced during the process of drilling, completion or recompletion, or testing a well shall be charged against the allowable production of said well.

(b) No well shall be placed on the proration schedule until Form C-104 ~~and C-110~~ have been filed with the Commission, and approved.

RULE 505. OIL PRORATION

(a) In allocated pools, the allocation between pools is in accordance with the top of the producing depth of the pool and the corresponding proportional factor set out below. The depth to the casing shoe or the top perforation in the casing, whichever is the higher, in the first well completed in a pool determines the depth classification for the pool. Top unit allowables shall be calculated for each of the several ranges of depth in the following proportions:

(b)

POOL DEPTH RANGE	40-Acre Proportional Factor	80-Acre Proportional Factor
0 to 5,000 feet	1.00	
5,000 to 6,000 feet	1.33	2.33
6,000 to 7,000 feet	1.77	2.77
7,000 to 8,000 feet	2.33	3.33
8,000 to 9,000 feet	3.00	4.00
9,000 to 10,000 feet	3.77	4.77
10,000 to 11,000 feet	4.67	5.67
11,000 to 12,000 feet	5.67	6.67
12,000 to 13,000 feet	6.75	7.75
13,000 to 14,000 feet	8.00	9.00
14,000 to 15,000 feet	9.33	10.33
15,000 to 16,000 feet	10.78	11.78
16,000 to 17,000 feet	12.33	13.33
17,000 to 18,000 feet	14.00	15.00

(c) The 40-acre proportional factor shall be applied to pools developed on the normal statewide 40-acre spacing pattern.

(d) The above 80-acre proportional factors shall hereafter be applied to all pools developed on an 80-acre spacing pattern, which the Commission hereafter authorizes as an exception to the normal statewide 40-acre spacing pattern.

(e) Normal unit allowable shall be set by the Commission.

(f) Top unit allowables for each range of depth shall then be determined by multiplying the normal unit allowable by the proportional factor for each depth range as set out in the table hereinabove; any fraction of a barrel shall be regarded as a full barrel for both normal and top unit allowables.

(g) The top unit allowables hereinabove determined shall be assigned to the respective pools in accordance with each pool's depth range.

Allowables to marginal wells, other than those affected by gas-oil ratios, will be assigned on the basis of nominations submitted by the operator on Form C-127. Such nominations must be based upon the ability of the well to produce without waste; otherwise the allowable will be assigned on the basis of the latest available production figures. The sum of the allocation to all marginal units plus the sum of the allocation to all non-marginal units in each pool shall constitute the allocation for each pool.

(h) The allocation to each pool shall in turn be prorated or distributed to the respective units in each pool in accordance with the proration plan of the particular pool, whereby any such plan exists. Where no proration plan exists, then the pool allocation shall be distributed or prorated to the respective marginal and non-marginal units therein as determined hereinabove.

(i) Each calendar month the distribution or proration to the respective units in each pool shall be changed in order to take into account all new wells which have been completed and were not in the proration schedule during the previous calendar month; with the exception that any newly completed or recompleted well on which Form C-104 is approved on or after the 20th of the month is authorized to produce that quantity of oil which said well is capable of producing without waste up to the top unit allowable for the pool in which said well is located, and a supplementary proration schedule will be issued setting forth the daily rate of production for said well and the effective date thereof.

(j) The provision of Rule 104 (h) et seq. shall be adhered to where applicable in fixing top unit allowables.

RULE 506. GAS-OIL RATIO LIMITATION

(a) In allocated pools containing a well or wells producing from a reservoir which contains both oil and gas, each proration unit shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit oil allowable for the pool. In the event the Commission has not set a gas-oil ratio limit for a particular oil pool, the limiting gas-oil ratio shall be 2,000 cubic feet of gas for each barrel of oil produced. In allocated oil pools all producing wells, whether oil or casinghead gas, shall be placed on the oil proration schedule.

(b) Unless heretofore or hereafter specifically exempted by order of the Commission issued after hearing a gas-oil ratio limitation shall be placed on all allocated oil pools, and all proration units having a gas-oil ratio exceeding the limit for the pool shall be penalized in accordance with the following formula;

(1) Any proration unit which, on the basis of the latest official gas-oil ratio test, has a gas-oil ratio in excess of the limiting gas-oil ratio for the pool in which it is located shall be permitted to produce daily that number of barrels of oil which shall be determined by multiplying the current top unit allowable by a fraction, the numerator of which shall be the limiting gas-oil ratio for the pool and the denominator of which shall be the official gas-oil ratio test of the well.

(2) Any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) A marginal unit shall be permitted to produce the same volume of gas which it would be permitted to produce if it were a non-marginal unit.

(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced.

(c) All proration units to which gas-oil ratio adjustments are applied shall be so indicated in the proration schedule with adjusted allowables stated.

(d) In cases of new pools, the limit shall be 2,000 cubic feet per barrel until such time as changed by order of the Commission issued after a hearing. Upon petition and after notice and hearing according to law, the Commission will determine or redetermine the specific gas-oil ratio limit which is applicable to a particular allocated oil pool.

RULE 507. UNITIZED AREAS

After petition and notice and hearing, the Commission may grant approval for the combining of contiguous developed proration units into a unitized area.

RULE 508. RECOVERED LOAD OIL

Recovered load oil may be run from the lease on which it is recovered, provided Commission approval is obtained by means of Form C-126. Form C-126 must be filed in quadruplicate with the appropriate District Office of the Commission. Upon approval, one copy will be returned to the operator and one copy will be sent to the designated transporter as authority to transport the oil.

This rule applies only to oil which has been obtained from a source other than the lease on which it is used.

Recovered load oil as used herein is any oil or liquid hydrocarbon which has been used in any operation in an oil or gas well, and which has been recovered as a merchantable product.

H - GAS PRORATION AND ALLOCATION

RULE 601. ALLOCATION OF GAS PRODUCTION

When the Commission determines that allocation of gas production in a designated gas pool is necessary to prevent waste, the Commission, after notice and hearing, shall consider the nominations of purchasers from that gas pool and other relevant data, and shall fix the allowable production of that pool, and shall allocate production among the gas wells in the pool delivering to a gas transportation facility upon a reasonable basis and recognizing correlative rights. The Commission shall include in the proration schedule of such pool any gas well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well.

RULE 602. PRORATION PERIOD

The proration period shall be at least six months and the pool allowable and allocations thereof shall be made at least 30 days prior to each proration period.

RULE 603. ADJUSTMENT OF ALLOWABLES

When the actual market demand from any allocated gas pool during a proration period is more than or less than the allowable set by the Commission for the pool for the period, the Commission shall adjust the gas proration unit allowables for the pool for the next proration period so that each gas proration unit shall have a reasonable opportunity to produce its fair share of the gas production from the pool and so that correlative rights shall be protected.

RULE 604. GAS PRORATION UNITS

Before issuing a proration schedule for an allocated gas pool, the Commission, after notice and hearing, shall fix the gas proration unit for that pool.

I - SECONDARY RECOVERY, PRESSURE MAINTENANCE, AND SALT WATER DISPOSAL

RULE 701. INJECTION OF FLUIDS INTO RESERVOIRS

A. Permit for Injection Required

The injection of gas, liquefied petroleum gas, air, water, or any other medium into any reservoir for the purpose of maintaining reservoir pressure or for the purpose of secondary recovery or the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Commission after notice and hearing, unless otherwise provided herein.

B. Method of Making Application

Application for original authority for the injection of gas, liquefied petroleum gas, air, water, or any other medium into any formation for any reason, including salt water disposal, or for the expansion of any such injection project by the completion or conversion of additional well (s) shall include the following:

1. A plat showing the location of the proposed injection well (s) and the location of all other wells within a radius of two miles from said proposed injection well (s) and the formation from which said wells are producing or have produced. The plat shall also indicate the lessees, if any there be, within said two-mile radius.

2. The log of the proposed injection well (s) if same is available.

3. A diagrammatic sketch of the proposed injection well (s) showing all casing strings, including diameters and setting depths, quantities used and tops of cement, perforated or open hole intervals, tubing strings, including diameters and setting depths, and the type and location of packers, if any.

4. Other pertinent information including the name and depth of the zone or formation into which injection will be made, the kind of fluid to be injected, the anticipated volumes to be injected, and the source of said injection fluid.

5. Evidence that a copy of the application, complete with all attachments, has been sent to the State Engineer Office, Capitol Building, Santa Fe.

C. Salt Water Disposal Wells

The Secretary-Director of the Oil Conservation Commission shall have authority to grant an exception to the requirements of Rule 701-A for water disposal wells only, without notice and hearing, when the waters to be disposed of are mineralized to such a degree as to be unfit for domestic, stock, irrigation, or other general use, and when said waters are to be disposed of into a formation older than Triassic (Lea County only) which is non-productive of oil or gas within a radius of two miles from the proposed injection well, providing that any water occurring naturally within said disposal formation is mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use.

Form C-108

To obtain such administrative approval, operator shall submit in triplicate Commission form entitled "Application to Dispose of Salt Water by Injection Into a Porous Formation ~~Not Productive of Oil or Gas~~," said application to be filed in accordance with Rule 701-B above. Copies of the application shall also be sent to all offset operators and to the surface owner of the land upon which the well is located.

If no objection is received within 15 days from the date of receipt of the application, and the Secretary-Director is satisfied that all of the above requirements have been complied with, and that the well is to be cased and cemented in such a manner that there will be no danger to oil, gas, or fresh water reservoirs, and administrative order approving the disposal may be issued. In the event that the application is not granted administratively, it shall be set for public hearing, if the operator so requests.

The Commission may dispense with the 15-day waiting period if waivers of objection are received from all offset operators, the surface owner, and the State Engineer.

D. Pressure Maintenance Projects

1. Pressure maintenance projects are defined as those projects in which fluids are injected into the producing horizon in an effort to build up and/or maintain the reservoir pressure in an area which has not reached the advanced or "stripper" state of depletion.

2. The project area and the allowable formula for any pressure maintenance project shall be fixed by the Commission on an individual basis after notice and hearing.

E. Water Flood Projects

1. Water Flood projects are defined as those projects in which water is injected into a producing horizon in sufficient quantities and under sufficient pressure to stimulate the production of oil from other wells in the area, and shall be limited to those areas in which the wells have reached an advanced state of depletion and are regarded as what is commonly referred to as "stripper" wells.

2. The project area of a water flood project shall comprise the proration units upon which injection wells are located plus all proration units which directly or diagonally offset the injection tracts and have producing wells completed on them in the same formation; provided however, that additional proration units not directly nor diagonally offsetting an injection tract may be included in the project area if, after notice and hearing, it has been established that such additional units have wells completed thereon which have experienced a substantial response to water injection.

3. The maximum allowable assigned to any water flood project area shall be determined by multiplying the number of proration units in the project area times the basic Area Allowable Factor (as determined in subparagraph 4 below) times the appropriate proportional (depth) factor for the pool as set forth in Rule 505 (b). The allowable assigned to any water flood project area in which there are proration units containing more than one well shall be increased by an amount of oil equal to 0.333 times the basic Area Allowable Factor times the

proportional (depth) factor for the pool for each such additional well on the proration unit; provided however, that the additional allowable for any such proration unit shall not exceed the basic Area Allowable Factor times the proportional (depth) factor for the pool.

The project area allowable may be produced from any well or wells in the project area in any proportion.

The production from a water flood project area shall be identified as such on the monthly Commission Form C-115.

Each and every well outside a prorated waterflood project area which is producing into common facilities with wells inside a prorated waterflood project area shall be tested once each month and the results of such tests shall be included on the monthly Commission Form C-120 filed for said project.

The Secretary-Director is empowered to grant exceptions to this provision without notice and hearing when an application therefor is filed in due form, and the facts presented justify such exception.

Nothing herein contained shall be construed as prohibiting the assignment of special allowables to wells in buffer zones after notice and hearing. Special allowables may also be assigned in the limited instances where it is established at a hearing that it is imperative for the protection of correlative rights to do so.

4. The basic 40-acre Area Allowable Factor for the counties of Lea, Eddy, Chaves, and Roosevelt shall be 42. The basic 40-acre Area Allowable Factor for the counties of San Juan, Rio Arriba, Sandoval, and McKinley shall be 52.

5. Water flood projects shall be expanded and additional wells placed on injection only upon authority from the Commission after notice and hearing or by administrative procedure in accordance with the following:

In order for a well in a water flood project to be eligible for administrative approval for conversion to water injection, it must be established to the satisfaction of the Secretary-Director of the Commission that the proposed water injection well has experienced a substantial response to water injection or is directly offset by a producing well which has experienced such response, and that the proposed injection well is located on a water injection pattern which will result in a thorough and efficient sweep of oil by the water flood.

To obtain such administrative approval, operator shall submit in triplicate an application in accordance with Rule 701-B above. The application shall also state the order number which originally authorized the water flood project, and shall set forth all the facts pertinent to the need for conversion of additional wells to water injection. It shall also be accompanied by Commission Form C-116, showing production tests of the affected well (s) both before and after stimulation by water flood. A copy of the application shall also be sent to each operator offsetting the proposed injection well.

The Secretary-Director may, if in his opinion there is need for conversion of the additional wells to water injection, authorize such conversion without notice and hearing, provided that no offset operator or the State Engineer objects to the proposed conversion within fifteen (15) days. The Secretary-Director may grant immediate approval of the proposed conversion upon receipt of waivers of objection from all operators offsetting the proposed injection well and from the State Engineer.

RULE 702. CASING AND CEMENTING OF INJECTION WELLS

Wells used for injection of gas, air, or water into the producing formation shall be cased with safe and adequate casing or tubing so as to prevent leakage and such casing or tubing shall be so set or cemented that damage will not be caused to oil, gas or fresh water resources.

RULE 703. NOTICE OF COMMENCEMENT AND DISCONTINUANCE OF INJECTION OPERATIONS

The following provisions shall apply to all injection projects:

(a) Immediately upon the commencement of injection operations, the operator shall notify the Commission of the injection date.

(b) Within 10 days after the discontinuance of injection operations the operator shall notify the Commission of the date of such discontinuance and the reasons thereof.

(c) Before any intake well shall be plugged, notice shall be served on the Commission by the owner of said well, and the same procedure shall be followed in the plugging of such well as provided for the plugging of oil and gas wells.

RULE 704. RECORDS AND REPORTS

The operator of an injection project for secondary recovery or pressure maintenance shall keep accurate records and shall report monthly to the Commission the amount of oil produced, the volumes of fluid injected, and the injection pressures on Form C-120. The operator of a salt water disposal project shall keep accurate records and shall report monthly to the Commission the volumes of fluid injected and the injection pressures on Form C-120-A.

RULE 705. LPG STORAGE WELLS

Application to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Director of the Commission for approval. In addition to Form C-101 (Notice of Intention to Drill), the operator shall submit the following information:

1. Certified plat of area within ½ mile of proposed well showing thereon the location of the proposed well and the location of any oil or gas wells and dry holes, and lease ownership.

2. Upon completion of the proposed well, operator shall submit Form C-105,

Well Log, plus a diagrammatic sketch of the finished installation, together with an estimate of the storage capacity of the cavity.

Applicants shall furnish all operators within a half-mile radius of the proposed well with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all operators within a half-mile radius of the proposed well have been properly notified. The Secretary-Director of the Commission shall wait at least ten days before approving any such application, and shall approve any such application, only in the absence of objection from any notified operator. In the event that an operator objects to the application the Commission shall consider the matter only after proper notice and hearing.

J - OIL PURCHASING AND TRANSPORTING

RULE 801. ILLEGAL SALE PROHIBITED

The sale or purchase or acquisition, or the transporting, refining, processing, or handling in any other way, of crude petroleum oil or of any product of crude petroleum produced in excess of the amount allowed by any statute of this state, or by any rule, regulation, or order of the Commission made thereunder, is prohibited.

RULE 802. RATABLE TAKE: COMMON PURCHASER

(a) Every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines shall be a common purchaser thereof, and shall without discrimination in favor of one producer as against another in the same field, purchase all oil tendered to it which has been lawfully produced in the vicinity of, or which may be reasonably reached by pipelines through which it is transporting oil, or the gathering branches thereof, or which may be delivered to the pipeline or gathering branches thereof by truck or otherwise, and shall fully perform all the duties of a common purchaser. If any common purchaser shall not have need for all such oil lawfully produced within a field, or if for any reason it shall be unable to purchase all such oil, then it shall purchase from each producer in a field ratably, taking and purchasing the same quantity of oil from each well to the extent that each well is producing its ratable portions; provided, however, nothing herein contained shall be construed to require more than one pipe line connection for each producing well. In the event any such common purchaser of oil is likewise a producer or is affiliated with a producer, directly or indirectly, it is hereby expressly prohibited from discriminating in favor of its own production or in favor of the production of an affiliated producer as against that of others and the oil produced by such common purchaser or by the affiliate of such common purchaser shall be treated as that of any other producer, for the purposes of ratable taking.

(b) It shall be unlawful for any common purchaser to unjustly or unreasonably discriminate as to the relative quantities of oil purchased by it in various fields of the state; the question of the justice or reasonableness to be determined by the Commission, taking into consideration the production and age of the wells in the respective fields and all other factors. It is the intent of this rule that all fields shall be allowed to produce and market a just and equitable share of the oil produced and marketed in the State, insofar as the same can be effected economically and without waste.

(c) In order to preclude premature abandonment, the common purchaser within its purchasing area is authorized and directed to make 100 percent purchases from units of settled production producing ten (10) barrels or less daily of crude petroleum in lieu of ratable purchases or takings. Provided, however, where such purchaser's takings are curtailed below ten (10) barrels per unit of crude petroleum daily, then such purchaser is authorized and directed to purchase equally from all such units within its purchasing area, regardless of their producing ability insofar as they are capable of producing.

RULE 803. PRODUCTION OF LIQUID HYDROCARBONS FROM GAS WELLS

All liquid hydrocarbons produced incidental to the authorized production of gas from a well classified by the Commission as a gas well shall, for all purposes, be legal production.

For purposes of this rule, all gas produced from a gas well shall be considered to be authorized production with the following exceptions;

(1) When the well is being produced without an approved Form C-~~110~~, designating the gas transporter and the oil or condensate transporter for said well.

(2) When the well has been directed to be shut-in by the Commission.

In the event a gas well is directed to be shut-in by the Commission, both the gas transporter and the oil transporter named on the well's Form C-~~110~~ shall be immediately notified of such fact.

K - GAS PURCHASING AND TRANSPORTING

RULE 901. ILLEGAL SALE PROHIBITED

The sale, purchase or acquisition, or the transporting, refining, processing or handling in any other way, of natural gas in whole or in part (or of any product of natural gas so produced) produced in excess of the amount allowed by any statute of this state, or by any rule, regulation or order of the Commission made thereunder, is prohibited.

RULE 902. RATABLE TAKE

(a) Any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells shall be a common purchaser thereof within each common source of supply from which it purchases, and as such it shall purchase gas lawfully produced from gas wells with which its gas transportation facilities are connected in the pool and other gas lawfully produced within the pool and tendered to a point on its gas transportation facilities. Such purchases shall be made without unreasonable discrimination in favor of one producer against another in the price paid, the quantities purchased, the bases of measurement or the gas transportation facilities afforded for gas of like quantity, quality and pressure available from such wells. In the event any such person is likewise a producer, he is prohibited to the same extent from discriminating in favor of himself on production from gas wells in which he has an interest, direct or indirect, as against other production from gas wells in the same pool. For the purposes of this rule reasonable differences in prices paid or facilities afforded, or both, shall not constitute unreasonable discrimination if such differences bear a fair relationship to differences in quality, quantity or pressure of the gas available or to the relative lengths of time during which such gas will be available to the purchaser. The provisions of this subsection shall not apply (1) to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of the rules, regulations or orders of the Commission, (2) to purchases of casinghead gas from oil wells, and (3) to persons purchasing gas principally for use in the recovery or production of oil or gas.

(b) Any common purchaser taking gas produced from gas wells from a common source of supply shall take ratably under such rules, regulations and orders, concerning quantity, as may be promulgated by the Commission consistent with this rule. The Commission, in promulgating such rules, regulations and orders may consider the quality and the deliverability of the gas, the pressure of the gas at the point of delivery, acreage attributable to the well, market requirements in the case of unprorated pools, and other pertinent factors.

(c) Nothing in this rule shall be construed or applied to require, directly or indirectly, any person to purchase gas of a quality or under a pressure or under any other condition by reason of which such gas cannot be economically and satisfactorily used by such purchaser by means of his gas transportation facilities then in service.

L - REFINING

RULE 1001. REFINERY REPORTS

Each refiner of oil within the State of New Mexico shall furnish for each calendar month a "Refiner's Monthly Report," Form C-113, containing the information and data indicated by such form, respecting oil and products involved in such refiner's operations during each month. Such report for each month shall be prepared and filed according to instructions on the form, on or before the 15th day of the next succeeding month.

RULE 1002. GASOLINE PLANT REPORTS

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, condensate, kerosene, oil or other liquid products are extracted from natural gas within the State of New Mexico, shall furnish for each calendar month a ~~"Monthly Gasoline or Other Extraction Plant Monthly Report,"~~ ~~Form C-114~~, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month.

Such reports for each month shall be prepared and filed according to instructions on the form on or before the 15th day of the next succeeding month.

Gas Purchasers monthly Report C-111

Oil & Natural Gas Report for either the Natural Gasoline & Cycling Plant and Refinery Gas

Oil & Gas Completion or recompletion Report and Log

Oil & Gas Application for multiple completion

Oil & Gas Report of Natural Gas Vented and Flared

M - REPORTS

RULE 1100: All reports and forms as required by the following rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302 of the Statewide Rules and Regulations unless otherwise specifically provided for in one of the following rules.

Mailing addresses of the District Offices of the Commission are as follows:

P. O. Box 1980, Hobbs, New Mexico
Drawer DD, Artesia, New Mexico
1000 Rio Brazos Road, Aztec, New Mexico
P. O. Box ~~871~~ 2055, Santa Fe, New Mexico

RULE 1101. ADDITIONAL INFORMATION MAY BE REQUIRED

These rules shall not be taken or construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data or other information relative to production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

RULE 1102. BOOKS AND RECORDS TO BE KEPT TO SUBSTANTIATE REPORTS

All producers, transporters, storers, refiners, gasoline or extraction plant operators and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

RULE 1103. WRITTEN NOTICES, REQUESTS, PERMITS AND REPORTS

The forms hereinafter mentioned shall be used for the purposes shown on each of the several forms and in accordance with the Rules requiring the use of said forms and the instructions printed thereon. They are:

Form C-101	~~Notice of Intention to Drill~~ Application to Drill, Deepen or Plug Back
Form C-102	~~Miscellaneous Notices~~ Well Location and Acreage Dedication Plat
Form C-103	~~Miscellaneous Reports on Wells~~ Sundry Notices and Reports on Wells
Form C-104	Request for ~~(oil) - (gas)~~ allowable
Form C-105	~~Well Record~~
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
~~Form C-110~~ form C-107	Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-108	Monthly Gas Report (Gas Purchaser's Monthly Report)
Form C-111	Transporter's and Storer's Monthly Report
Form C-112	Refiner's Monthly Report
Form C-113	Gasoline or Other Extraction Plant Monthly Report
Form C-114	Operator's Monthly Report (oil, condensate and gas)
Form C-115	Operator's Monthly Report (electronic data processing)
Form C-115-EDP	Gas-Oil Ratio ~~Reports~~ Tests
Form C-116	Sediment Oil Disposition Permit
Form C-117-A	Sediment Oil Recovery Permit
Form C-117-B	Treating Plant Report
Form C-118	Carbon Black Plant Monthly Report
Form C-119	

Form C-102 shall not be required to cover the operations described in Item 4 above for new wells in the process of completion; however, work done and results obtained should be reported on Form C-103.

In the case of well-plugging operations, the notice shall give a detailed statement of the proposed work, including length and depth of plugs, plans for mudding, cementing, shooting, testing and removing casing, and the date of the proposed plugging operations. Failure to file notice before plugging shall constitute grounds for delaying the release of the bond. If not previously filed, a complete log of the well on Form C-105 shall accompany the notice of intention to plug the well, and the bond will not be released until this is complied with.

RULE 1106. MISCELLANEOUS REPORTS ON WELLS (Form C-103)

Form C-103, "Miscellaneous Reports on Wells", shall be submitted for approval to the appropriate District Office of the New Mexico Oil Conservation Commission within the time specified in the section of this rule applying to the particular operation to be reported.

The report submitted on Form C-103 shall cover the work outlined previously on Form C-102, "Miscellaneous Notices", and shall include a detailed account of the work done, the manner in which the work was performed, and other pertinent information.

Form C-103 is to be used in reporting various operations such as:

(a) Commencement of Drilling Operations (spudding date)

(b) Plugging Operations

(c) Results of Test of Casing Shut-off

(d) Remedial Work

(e) Change of ownership of Drilling Well

(f) Plugging back or drilling deeper

or any similar operations which affect the original status of the well and which are not specifically covered herein.

Information to be entered on Form C-103 for a particular operation is as follows:

(a) Report on Commencement of Drilling Operations;

Within ten days following the commencement of drilling operations, the owner of the well shall file with the Commission a report on Form C-103 in TRIPLICATE. Such report shall indicate the date well is spudded and any other pertinent data not previously submitted on Forms C-101 or C-102, whichever is applicable.

(b) Report on Plugging of Well:

Within thirty days following the completion of plugging operations on any well, a record of the work done shall be filed with the Commission in TRIPLICATE, on Form C-103.

Such report shall be filed by the owner of the well and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission unless such report specifically states that pits have been filled and the location levelled, and cleared of junk. The filing of Form C-105, "Well Record" is also necessary to obtain Commission approval of a plugging report.

It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission to arrange for an inspection of the plugged well and the location by a Commission representative.

(c) Report on Results of Test of Casing Shut-off

A report on a test of casing shut-off shall be filed with the Commission on Form C-103, in TRIPLICATE, within ten days following the completion of the test. Such report shall be filed by the owner of the well and shall indicate any changes in the casing program previously outlined and approved on Form C-101 or C-102, whichever is applicable. The report shall also present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information.

(d) Report on Remedial Work

Within thirty days following the completion of remedial work on a well, a report on the operation shall be filed with the Commission on Form C-103, submitted in QUADRUPLICATE. Such report shall be filed by the operator of the well and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.

2. Report on squeeze job.

3. Report on setting of a liner, packer or pump.

4. Report on installation of gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(e) Report on Change in Ownership of Drilling Well

Within ten days following the official change in ownership of a drilling well, such change in ownership will be reported to the

Commission on Form C-103, submitted in TRIPLICATE. Such report shall be filed by the new owner of the well, and shall include the name and address of the previous owner, the effective date of the change in the ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission until a $5,000.00 one-well plugging bond or a $10,000.00 blanket plugging bond has been filed with and approved by the Commission in the name of the new owner.

(f) Report on Plugging Back or Drilling Deeper Operations

Within thirty days following the completion of plugging back or deepening operations, a report of such work must be filed with the Commission on Form C-103, submitted in QUADRUPLICATE. Such report shall be filed by the operator of the well and shall present a detailed account of the work done and the manner in which such work was performed.

(g) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1107. REQUEST FOR (OIL-GAS) ALLOWABLE (Form C-104)

1107-1109

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-104 is to be submitted in QUADRUPLICATE to the Commission District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 a.m. on the date of completion, provided completion report is filed during month of completion. The completion date shall be that date, in the case of an oil well, when oil is delivered into the stock tanks. Provided, however, that a well will not be assigned an allowable unless Form C-128, Well Location and Acreage Dedication Plat, has been filed with the Commission showing the location of the well and the amount and status of the acreage dedicated thereto.

Form C-110, Certificate of Compliance and Authorization to Transport Oil or Natural Gas, shall accompany Form C-104.

RULE 1108. WELL RECORD (Form C-105)

Within 20 days after the completion of any well, the owner shall file in QUINTUPLICATE Form C-105 with ONE COPY of all electrical and radio-activity logs run on the well. The well record with the attached electrical and radio-activity logs shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep the report and log confidential for 90 days from date of completion of the well; provided, however, that the report, log or data therein when pertinent may be introduced in any public hearing before the Commission or any court regardless of the request that the report be kept confidential. If the Form C-105 with attached log or logs is not received by the Commission in the specified 20 days, the allowable for the well will be withheld until this provision is complied with.

In the case of well-plugging operations, a complete record of the well on Form C-105 with the log or logs run on the well shall accompany the notice of intention

to plug the well, if not previously filed.

(Note: On State Land submit one additional copy of Form C-105)

RULE 1109. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-110)

(a) Each producer of crude petroleum oil, casinghead gas, liquid hydrocarbons, and natural gas shall execute, in QUINTUPLICATE, and file Form C-110 with the Commission, setting forth fully therein the data and information indicated by such form covering each well from which crude petroleum oil, casinghead gas, natural gas and liquid hydrocarbons are produced.

(b) Whenever there shall occur a change in the operating ownership of any producing well, or whenever there shall occur a change of transporter from any producing well, or whenever there shall occur a change of well numbers or lease designation, Form C-110 shall be executed and filed in accordance with appropriate instructions; except that in the case of a temporary change in transporter when oil is moved from any lease by anyone other than the transporter authorized by the Form C-110, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing the information as instructed by the District Office. The operator shall also furnish copies of such notification to the regular transporter and to the temporary transporter.

RULE 1110. MONTHLY ~~GAS~~ Gas Purchaser's REPORT (Form C-111) Gasoline 1110 - 113

All gas produced from natural gas wells and all casinghead gas produced which is taken into a fuel system or other system (except gas taken into a gasoline or other extraction plant gathering system which is required to be reported on Form C-114), shall be reported monthly on Form C-111. Where such natural or casinghead gas is taken by the producer, then the producer shall make such report. In case said gas is taken at the well by any person other than the producer, then such person taking said gas shall make the report. Form C-111 shall be postmarked on or before the 15th of the month for all of said gas taken during the preceding month, and shall be submitted directly to the appropriate District Office of the Commission, as well as to the Commission Offices at Santa Fe and Hobbs.

RULE 1111. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

Each transporter and/or storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE 1112. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

RULE 1113. GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT (Form C-114)

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall furnish for each calendar month a Gasoline or Other Extraction Plant Monthly Report, Form C-114, containing the information indicated by such form respecting gas and products involved in the operation of each such plant during each month. Form C-114 shall be postmarked on or before the 15th day of the next succeeding month, and shall be submitted directly to the appropriate District Office of the Commission, as well as to the Commission Offices at Santa Fe and Hobbs.

RULE 1114. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Repeated failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-110 for the affected well or wells.

RULE 1115. GAS-OIL RATIO TEST (Form C-116)

A gas-oil ratio test shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Test. This form shall be submitted in DUPLICATE.

RULE 1116. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A AND C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted in TRIPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
(4) Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of Sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
(6) Disposition

RULE 1117. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain the following information:

(1) Name of treating plant operator
(2) Location of plant or plants
(3) Source of each individual acquisition
(4) Number of permit authorizing acquisition
(5) Gross volume of sediment oil acquired from each source
(6) Net amount of pipeline oil recovered from each acquisition

RULE 1118. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports containing information as required by the form shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month.

RULE 1119. MONTHLY INJECTION REPORT (Form C-120) AND MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1120. PURCHASER's NOMINATION FORM (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, and Form C-121-A, Gas Purchaser's Preliminary Nomination, shall be submitted to the Commission not later than 5 days prior to said Commission's statewide proration hearing on nominations for the succeeding month. Form C-121 and Form C-121-A shall be mailed to the Oil Conservation Commission, P. O. Box 871, Santa Fe, New Mexico.

RULE 1121. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA (C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1122. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The owner or operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office in regard to the filing of Form C-123 in DUPLICATE.

RULE 1123. BOTTOM HOLE PRESSURES (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

RULE 1124. SHUT-IN PRESSURES ON GAS WELLS (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402.

RULE 1125. PERMIT FOR TRANSPORTING RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1109 (b).

RULE 1126. ~~OIL PRODUCERS~~ Request for ALLOWABLE CHANGE (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

RULE 1127. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-128)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

Form C-128 shall be submitted in TRIPLICATE with Form C-101 in accordance with Rule 1104.

An amended Form C-128 shall be submitted in the event that there is a change in any of the information required thereon. The well location need not be certified when filing an amended Form C-128.

RULE 1128. FORMS REQUIRED ON WELLS LOCATED ON FEDERAL LAND

Federal forms in lieu of State Forms will be used in Federal Lands in New Mexico when filing NOTICE OF INTENTION TO DRILL, MISCELLANEOUS REPORTS ON WELLS, OR WELL RECORDS. However, it shall be the duty of each operator in the State of New Mexico that drills on Federal Land to submit two extra copies of each of such forms to the USGS, who will approve same and transmit them to the Commission on those forms provided by the USGS. The following USGS forms will be accepted in lieu of the regular Commission forms from operators of wells on federal land.

USGS FORMS	TITLE OF FORM	SIMILAR OCC FORM
9-331a	Sundry Notices and Reports on Wells	C-101
9-331b	Sundry Notices and Reports on Wells	C-102 Plugback or Drill Deeper (only)
9-331c	Sundry Notices and Reports on Wells	C-103 Plugback or Drill Deeper (only)
9-330	Log of Oil or Gas Well	C-105

The above forms as may be revised are the only forms that may be submitted in

the place of the regular Commission forms.

After a well is completed and ready for pipe line connection, Oil Conservation Commission Forms C-104 ~~and C-110~~ shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-110 for the affected well or wells.

N - RULES ON PROCEDURE

RULE 1201. NECESSITY FOR HEARING

Except as provided in some general rule herein, before any rule, regulation or order, including revocation, changes, renewal or extension thereof shall be made by the Commission, a public hearing before the Commission or a legally appointed Examiner shall be held at such time and place as may be prescribed by the Commission.

RULE 1202. EMERGENCY ORDERS

Notwithstanding any other provision of these rules, in case an emergency is found to exist by the Commission, which, in its judgment, requires the making of a rule, regulation or order without a hearing having first been had or concluded, such emergency rule, regulation or order when made by the Commission shall have the same validity as if a hearing with respect to the same had been held before the Commission after due notice. Such emergency rule, regulation or order shall remain in force no longer than 15 days from its effective date, and in any event, it shall expire when the rule, regulation or order made after due notice and hearing with respect to the subject matter of such emergency rule, regulation or order become effective.

RULE 1203. METHOD OF INITIATING A HEARING

The Commission upon its own motion, the Attorney General on behalf of the State, and any operator, producer or any other person having a property interest may institute proceedings for a hearing. If the hearing is sought by the Commission it shall be on motion of the Commission and if by any other person it shall be application. The application in TRIPLICATE shall state (1) the name or general description of the common sources of supply affected by the order sought, unless the same is intended to apply to and affect the entire state, in which event the application shall so state, (2) briefly the general nature of the order, rule or regulation sought, (3) any other matter required by a particular rule or rules, and (4) whether applicant desires a hearing before the Commission or an Examiner, and, if hearing before an Examiner is desired, the time and place applicant prefers the hearing to be held may be stated in the application, and such application shall state a list of the names and addresses of all interested parties known to applicant.

An application shall be signed by the person seeking the hearing or by his attorney. Unless required by specific rule, an application need not be verified.

RULE 1204. METHOD OF GIVING LEGAL NOTICE FOR HEARING

Notice of each hearing before the Commission and notice of each hearing before an Examiner shall be given by personal service on the person affected or by publication once in a newspaper of general circulation published at Santa Fe, New Mexico, and once in a newspaper of general circulation published in the county or each of the counties, if there be more than one, in which any land, oil or gas or other property which may be affected shall be situated.

RULE 1205. CONTENTS OF NOTICE OF HEARING

Such notice shall be issued in the name of "The State of New Mexico" and shall be signed by two members of the Commission or by the Secretary of the Commission, and the seal of the Commission shall be impressed thereon.

The notice shall specify whether the case is set for hearing before the Commission or before an Examiner and shall state the number and style of the case and the time and place of hearing and shall briefly state the general nature of the order or orders, rule or rules, regulation or regulations to be promulgated or effected. The notice shall also state the name of the petitioner or applicant, if any, and unless the contemplated order, rule or regulation is intended to apply to and affect the entire State it shall specify or generally describe the common source or sources of supply which may be affected by such order, rule or regulation.

RULE 1206. PERSONAL SERVICE OF NOTICE

Personal service of the notice of hearing may be made by any agent of the Commission or by any person over the age of 18 years in the same manner as is provided by law for the service of summons in civil actions in the district courts of this State. Such service shall be complete at the time of such personal service or on the date of publication, as the case may be. Proof of service shall be by the affidavit of the person making personal service or of the publisher of the newspaper in which publication is had. Service of the notice shall be made at least 10 days before the hearing.

RULE 1207. PREPARATION OF NOTICES

After a motion or application is filed with the Commission the notice or notices required shall be prepared by the Commission and service and publication thereof shall be taken care of by the Commission without cost to the applicant.

RULE 1208. FILING PLEADINGS: COPY DELIVERED TO ADVERSE PARTY OR PARTIES

When any party to a hearing files any pleading, plea or motion of any character (other than application for hearing) which is not by law or by these rules required to be served upon the adverse party or parties, he shall at the same time either deliver or mail to the adverse party or parties who have entered their appearance therein, or their respective attorneys of record, a copy of such pleading, plea or motion. For the purposes of these rules, an appearance of any interested party shall be made either by letter addressed to the Commission, or in person at any proceeding before the Commission or before an Examiner, with notice of such appearance to the parties from whom such pleadings, pleas, or motions are desired.

RULE 1209. CONTINUANCE OF HEARING WITHOUT NEW SERVICE.

Any hearing before the Commission or an Examiner held after due notice may be continued by the person presiding at such hearing to a specified time and place without the necessity of notice of the same being again served or published. In the event of any continuance, a statement thereof shall be made in the record of the hearing which is continued.

RULE 1210. CONDUCT OF HEARINGS

Hearings before the Commission or any Examiner shall be conducted without rigid formality. A transcript of testimony shall be taken and preserved as a part of the permanent record of the Commission. Any person testifying in response to a subpoena issued by the Commission and any person seeking to testify in support of an application or motion or in opposition thereto shall be required to do so under oath. However, relevant unsworn comments and observations by any interested party will be designated as such and included in the record. Comments and observations by representatives of operators' committees, the United States Geological Survey, the United States Bureau of

Mines, the New Mexico Bureau of Mines and other competent persons are welcomed. Any Examiner legally appointed by the Commission may conduct such hearings as may be referred to such Examiner by the Commission or the Secretary thereof.

RULE 1211. POWER OF COMMISSION TO REQUIRE ATTENDANCE OF WITNESSES AND PRODUCTION OF EVIDENCE

The Commission or any member thereof has statutory power to subpoena witnesses and to require the production of books, papers and records in any proceeding before the Commission. A subpoena will be issued by the Commission for attendance at a hearing upon the written request of any person interested in the subject matter of the hearing. In case of the failure of a person to comply with the subpoena issued by the Commission, an attachment of the person may be issued by the district court of any district in the State, and such court has powers to punish for contempt. Any person found guilty of swearing falsely at any hearing may be punished for contempt.

RULE 1212. RULES OF EVIDENCE

Full opportunity shall be afforded all interested parties at a hearing to present evidence and to cross-examine witnesses. In general, the rules of evidence applicable in a trial before a court without a jury shall be applicable, provided that such rules may be relaxed, where, by so doing, the ends of justice will be better served. No order shall be made which is not supported by competent legal evidence.

RULE 1213. EXAMINERS' QUALIFICATIONS AND APPOINTMENT

The Commission shall be ex parte order, designate and appoint not more than four individuals to be examiners. Each Examiner so appointed shall be a member of the staff of the Commission, but no Examiner need be a full time employee of the Commission. The Commission may, by ex parte order, designate and appoint a successor to any person whose status as an Examiner is terminated for any reason. Each individual designated and appointed as an Examiner must have at least six years practical experience as a geologist, petroleum engineer or licensed lawyer, or at least two years of such experience and a college degree in geology, engineering, or law; provided however, that nothing herein contained shall prevent any member of the Commission from being designated as, or serving as, an Examiner.

RULE 1214. REFERRAL OF CASES TO EXAMINERS

Either the Commission or the Secretary thereof may refer any matter of proceeding to any legally designated and appointed Examiner for hearing in accordance with these rules. The Examiner appointed to hear any specific case shall be designated by name.

RULE 1215. EXAMINER'S POWER AND AUTHORITY

The Commission may, by ex parte order, limit the powers and duties of the Examiner in any particular case to such issues or to the performance of such acts as the Commission deems expedient; however, subject only to such limitations as may be ordered by the Commission, the Examiner to whom any matter or proceeding is referred under these rules shall have full authority to hold hearings on such matter or proceeding in accordance with and pursuant to these rules. The Examiner shall have the power to regulate all proceedings before him and to perform all acts and take all measures necessary or proper for the efficient and orderly conduct of such hearing, including the swearing of witnesses, receiving of testimony and exhibits offered in evidence, subject

to such objections as may be imposed, and shall cause a complete record of the proceedings to be made and transcribed and shall certify same to the Commission as hereinafter provided.

RULE 1216. HEARINGS WHICH MUST BE HELD BEFORE COMMISSION

Notwithstanding any other provisions of these rules, the hearing on any matter shall be held before the Commission (1) if it is a hearing de novo, or (2) if the Commission in its discretion desires to hear the matter, or (3) if the matter involves limiting the total production of crude petroleum oil in the State, or (4) if the matter involves limiting the total production of gas from any gas pool.

RULE 1217. EXAMINER'S MANNER OF CONDUCTING HEARING

An Examiner conducting a hearing under these rules shall conduct himself as a disinterested umpire.

RULE 1218. REPORT AND RECOMMENDATIONS, RE EXAMINER'S HEARINGS

Upon the conclusion of any hearing before an Examiner, the Examiner shall promptly consider the proceedings in such hearing, and based upon the record of such hearing the Examiner shall prepare his written report and recommendations for the disposition of the matter of proceeding by the Commission. Such report and recommendations shall either be accompanied by a proposed order or shall be in the form of a proposed order, and shall be submitted to the Commission with the certified record of the hearing.

RULE 1219. DISPOSITION OF CASES HEARD BY EXAMINERS

After receipt of the report and recommendations of the Examiner, the Commission shall either enter its order disposing of the matter or proceeding, or refer such matter or proceeding to the Examiner for further hearing.

RULE 1220. DE NOVO HEARING BEFORE COMMISSION

When any order has been entered by the Commission pursuant to any hearing held by an Examiner, any party adversely affected by such order shall have the right to have such matter or proceeding heard de novo before the Commission, provided that within 30 days from the date such order is rendered such party files with the Commission a written application for such hearing before the Commission. If such application is filed, the matter or proceeding shall be set for hearing before the Commission at the next regular hearing date following the expiration of fifteen days from the date such application is filed with the Commission. Any person affected by the order or decision rendered by the Commission after hearing before the Commission may apply for rehearing pursuant to and in accordance with the provisions of Rule 1222, and said Rule 1222 together with the law applicable to rehearings and appeals in matters and proceedings before the Commission shall thereafter apply to such matter or proceeding.

RULE 1221. NOTICE OF COMMISSION'S ORDERS

Within ten days after any order, including any order granting or refusing rehearing, or order following rehearing, has been rendered by the Commission, a copy of such order shall be mailed by the Commission to each person or his attorney of record who has entered his appearance of record in the matter of proceeding pursuant to which such order is rendered.

RULE 1222. REHEARINGS

Within 20 days after entry of any order or decision of the Commission any person affected thereby may file with the Commission an application for rehearing in respect of any matter determined by such order or decision, setting forth the respect in which such order or decision is believed to be erroneous. The Commission shall grant or refuse any such application in whole or in part within 10 days after the same is filed and failure to act thereon within such period shall be deemed a refusal thereof and a final disposition of such application. In the event the rehearing is granted, the Commission may enter such new order or decision after rehearing as may be required under the circumstances.

RULE 1223. CHANGES IN FORMS AND REPORTS

Any change in the forms and reports or rules relating to such forms and reports shall be made only by order of the Commission issued after due notice and hearing.

of the production of oil or gas shall be prefixed with the letter "A" and shall be numbered consecutively, commencing with No. 1 - i.e., the first allocation order issued after 1 January 1950 shall be No. A-1, and the next shall be No. A-2.

All other orders of the Commission made after 1 January 1950 shall be prefixed with the letter "R" and shall be consecutively numbered, commencing with the number 1 - i.e., the first such order issued after 1 January 1950 shall be No. R-1, and the next shall be No. R-2.

NEW MEXICO STATUTES ANNOTATED

1953 COMPILATION

CHAPTER 65

ARTICLE 3

REGULATION OF OIL AND GAS WELLS

ARTICLE 9

UNDERGROUND STORAGE OF NATURAL GAS

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65-3-1. STATE GEOLOGIST - APPOINTMENT - ASSISTANTS - DUTIES - SALARIES.

The governor of the State of New Mexico is hereby authorized to appoint a state geologist who in turn is hereby authorized to appoint with the approval of the commissioner of public lands, such inspectors, clerks and additional assistants as he may deem necessary to properly carry out the provisions of this act. Such geologist shall be at all times under the direction and supervision of the commissioner of public lands and shall collect and compile information relative to oil and gas development and production within the state which may affect state lands, and prepare maps and reports necessary and expedient for the proper supervision and leasing of lands belonging to the state for oil and gas purposes. The salary of the geologist shall be not more than three thousand six hundred dollars ($3,600.00) per annum, and the salaries of the other employees of the geologist's office shall be as the state land commissioner approves in each instance, which salaries and expenses shall be paid out of the state land office maintenance fund.

65-3-2. WASTE PROHIBITED.

The production or handling of crude petroleum oil or natural gas of any type or in any form, or the handling of products thereof, in such manner or under such conditions or in such amounts as to constitute or result in waste is each hereby prohibited.

65-3-3. WASTE - DEFINITIONS.

As used in this act, the term "waste," in addition to its ordinary meaning, shall include:

(a) "Underground waste" as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper, use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing. of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas.

(b) "Surface Waste" as those words are generally understood in the oil and gas business, and in any event to embrace the unnecessary or excessive surface loss or destruction without beneficial use, however caused, of natural gas of any type or in any form or crude petroleum oil, or any product thereof, but including the loss or destruction, without beneficial use, resulting from evaporation, seepage, leakage or fire, expecially such loss or destruction incident to or resulting from the manner of spacing, equipping, operating, or producing, well or wells, or incident to or resulting from the use of inefficient storage or from the production of crude petroleum oil or natural gas in excess of the reasonable market demand.

(c) The production of crude petroleum oil in this state in excess of the reasonable market demand for such crude petroleum oil. Such excess production causes or results in waste which is prohibited by this Act. The words "reasonable market demand," as used herein with respect to crude petroleum oil, shall be construed to mean the demand for such crude petroleum oil for reasonable current requirements for current consumption and use within or outside the State, together with the demand for such amounts as are reasonably necessary for building up or maintaining reasonable storage reserves of crude petroleum oil or the products thereof, or both such crude petroleum oil and products.

(d) The non-ratable purchase or taking of crude petroleum oil in this State. Such non-ratable taking and purchasing causes or results in waste, as defined in the subsections (a), (b), (c) of this section and causes waste by violating Section 12 (a) of this act. (65-3-13)

(e) The production in this State of natural gas from any gas well or wells, or from any gas pool, in excess of the reasonable market demand from such source of natural gas of the type produced or in excess of the capacity of gas transportation facilities for such type of natural gas. The words "reasonable market demand," as used herein with respect to natural gas, shall be construed to mean the demand for natural gas for reasonable current requirements, for current consumption and for use within or outside the State, together with the demand for such amounts as are necessary for building up or maintaining reasonable storage reserves of natural gas or products thereof, or both such natural gas and products.

65-3-4. OIL CONSERVATION COMMISSION-MEMBERS-TERM-EXPENSES-OFFICERS QUORUM-POWER TO ADMINISTER OATHS.

There is hereby created an Oil Conservation Commission, hereinafter in this Act called the "Commission," to be composed of the Governor of this State, the Commissioner of Public Lands and the State Geologist; provided that the Governor may appoint some practical oil man, a resident of this State, to serve in the place and stead of the Governor as a member of said Commission. No salary or compensation shall be paid any member of the Commission for his services as a member thereof, but the actual and necessary expenses of the members of said Commission, incurred or expended in the performance of the duties imposed on said Commission, shall be paid out of the Oil Conservation Fund hereinafter created, provided that if the State Geologist shall hold any other State office his salary may be adjusted by the Governor, and such Geologist paid part of his salary out of the Oil Conservation Fund. The term of office of each member of the Commission shall be concurrent with the other office held by him except that if the Governor shall appoint a practical oil man to serve in his place and stead, the term of office of the person so appointed shall expire with the term of the Governor by whom he shall have been appointed. The Commission shall organize by electing a chairman from its membership, and shall appoint a Secretary. Two members of the Commission shall constitute a quorum for all purposes. The Commission shall adopt a seal and such seal

affixed to any paper signed by the Secretary of the Commission shall be prima facie evidence of the due execution thereof. The Attorney General shall be the attorney for the Commission. Any member of the Commission, or the secretary thereof, or any employee of the Commission, shall have power to administer oaths to any witness in any hearing, investigation or proceeding contemplated by this Act or by any other law of this State relating to the conservation of oil or gas.

65-3-5. COMMISSION'S POWERS AND DUTIES

The Commission shall have, and it is hereby given, jurisdiction and authority over all matters relating to the conservation of oil and gas in this State, and of the enforcement of all the provisions of this Act and of any other law of this State relating to the conservation of oil or gas. It shall have jurisdiction and control of and over all persons or things necessary or proper to enforce effectively the provisions of this Act or any other law of this State relating to the conservation of oil or gas.

65-3-6. RULES OF PROCEDURE IN HEARINGS - MANNER OF GIVING NOTICE - RECORD OF RULES, REGULATIONS AND ORDERS.

The Commission shall prescribe its rules of order or procedure in hearing or other proceedings before it under this Act. Any notice required to be given under this Act or under any rule, regulation or order prescribed by the Commission shall be by personal service on the person affected, or by publication once in a newspaper of general circulation published at Santa Fe, New Mexico, and once in a newspaper of general circulation published in the county or each of the counties if there be more than one, in which any land, oil or gas or other property which may be affected shall be situated. Such notice shall issue in the name of "the State of New Mexico" and shall be signed by at least a majority of the members of the Commission or by the Secretary of the Commission, and the seal of the Commission shall be impressed thereon, and it shall specify the number and style of the case, and the time and place of hearing, shall briefly state the general nature of the order or orders, rule or rules, or regulation or regulations contemplated by the Commission on its own motion or sought in a proceeding brought before the Commission, the name of the petitioner, or applicant, and, unless the order, rule or regulation is intended to apply to and affect the entire State, it shall specify or generally describe the common source or sources of supply that may be affected by such order, rule or regulation. Personal service thereof may be made by any agent of the Commission or by any person over the age of eighteen years, in the same manner as is provided by law for the service of summons in civil actions in the district courts of this State. Such service shall be complete at the time of such personal service or on the date of such publication, as the case may be. Proof of service shall be the affidavit of the person making personal service, or of the publisher of the newspaper in which publication is had, as the case may be. All rules, regulations and orders made by the Commission shall be entered in full by the Secretary thereof in a book to be kept for such purpose by the Commission, which shall be a public record and open to inspection at all times during reasonable office hours. A copy of any such rule, regulation or order, certified by the Secretary of the Commission under the seal of the Commission, shall be received in evidence in all courts of the State with the same effect as the original.

65-3-7. SUBPOENA POWER - IMMUNITY OF NATURAL PERSONS REQUIRED TO TESTIFY.

The Commission, or any member thereof, is hereby empowered to subpoena witnesses, to require their attendance and giving of testimony before it, and to require the production of books, papers, and records in any proceeding before the Com-

mission. No person shall be excused from attending and testifying or from producing books, papers and records before the Commission, or from obedience to the subpoena of the said Commission, whether such subpoena be signed or issued by one or more of the members of the said Commission, in any hearing, investigation or proceeding held by or before the said Commission or in any cause or proceeding in any court by or against the said Commission, relative to matters within the jurisdiction of said Commission, on the ground or for the reason that the testimony or evidence, documentary or otherwise, required of him may tend to incriminate him or subject him to a penalty or forfeiture; provided that nothing herein contained shall be construed as requiring any person to produce any books, papers or records, or to testify in response to any inquiry not pertinent to some question lawfully before such Commission or court for determination. No natural person shall be subjected to criminal prosecution, or to any penalty or forfeiture for or on account of any transaction, matter or thing concerning which he may be required to testify, or produce evidence, documentary or otherwise, before said Commission, or in obedience to its subpoena, or in any cause or proceeding, provided, that no person testifying shall be exempted from prosecution and punishment for perjury committed in so testifying.

65-3-8. FAILURE OR REFUSAL TO COMPLY WITH SUBPOENA - REFUSAL TO TESTIFY - BODY ATTACHMENT - CONTEMPT.

In case of failure or refusal on the part of any person to comply with any subpoena issued by said Commission or any member thereof, or on the refusal of any witness to testify or answer as to any matters regarding which he may be lawfully interrogated, any district court in this State, or any judge thereof, on application of said Commission, may issue an attachment for such person and compel him to comply with such subpoena and to attend before the Commission and produce such documents, and give his testimony upon such matters as may be lawfully required, and such court or judge shall have the power to punish for contempt as in case of disobedience of a like subpoena issued by or from such court, or a refusal to testify therein.

65-3-9. PERJURY - PUNISHMENT.

If any person of whom an oath shall be required under the provisions of this act, or by any rule, regulation or order of the Commission, shall wilfully swear falsely in regard to any matter or thing respecting which such oath is required, or shall wilfully make any false report or affidavit required or authorized by the provisions of this act, or by any rule, regulation or order of the Commission, such person shall be deemed guilty of perjury and shall be punished by imprisonment in the State penitentiary for not more than five years nor less than six months.

65-3-10. POWER OF COMMISSION TO PREVENT WASTE AND PROTECT CORRELATIVE RIGHTS.

The Commission is hereby empowered, and it is its duty, to prevent the waste prohibited by this Act and to protect correlative rights, as in this Act provided. To that end, the Commission is empowered to make and enforce rules, regulations and orders, and to do whatever may be reasonably necessary to carry out the purposes of this Act, whether or not indicated or specified in any section hereof.

65-3-11. ENUMERATION OF POWERS.

Included in the power given to the Commission is the authority to collect data; to make investigations and inspections; to examine properties, leases, papers, books and records; to examine, check, test and gauge oil and gas wells, and tanks, plants, refineries, and all means and modes of transportation and equipment; to hold

hearings: to provide for the keeping of records and the making or reports and for the checking of the accuracy thereof; to limit and prorate production of crude petroleum oil or natural gas, or both, as in this act provided; to require either generally or in particular areas certificates of clearance or tenders in connection with the transportation of crude petroleum oil or natural gas or any products thereof, or both oil and products, or both such natural gas and products.

Apart from any authority, express or implied, elsewhere given to or existing in the Commission by virtue of this act or the statutes of this State, the Commission is hereby authorized to make rules, regulations and orders for the purposes and with respect to the subject matter stated herein, viz:

(1) To require dry or abandoned wells to be plugged in such ways as to confine the crude petroleum oil, natural gas, or water in the strata in which they are found, and to prevent them from escaping into other strata; the Commission may require a bond of not to exceed Ten Thousand ($10,000.00) dollars conditioned for the performance of such regulation;

(2) To prevent crude petroleum oil, natural gas, or water from escaping from strata in which they are found into another stratum or other strata;

(3) To require reports showing locations of all oil or gas wells and for the filing of logs and drilling records or reports;

(4) To prevent the drowning by water of any stratum or part thereof capable of producing oil or gas, or both oil and gas, in paying quantities, and to prevent the premature and irregular encroachment of water, or any other kind of water encroachment which reduces or tends to reduce the total ultimate recovery of crude petroleum oil or gas, or both such oil and gas, from any pool;

(5) To prevent fires;

(6) To prevent "blow-outs" and "caving" in the sense that the conditions indicated by such terms are generally understood in the oil and gas business.

(7) To require wells to be drilled, operated and produced in such matter as to prevent injury to neighboring leases or properties;

(8) To identify the ownership of oil or gas producing leases, properties, wells, tanks, refineries, pipe lines, plants, structures, and all transportation equipment and facilities;

(9) To require the operation of wells with efficient gas-oil ratios and to fix such ratios;

(10) To fix the spacing of wells;

(11) To determine whether a particular well or pool is a gas or oil well, or a gas or oil pool, as the case may be, and from time to time to classify and reclassify wells and pools accordingly;

(12) To determine the limits of any pool or pools producing crude petroleum oil or natural gas or both, and from time to time to redetermine such limits;

(13) To regulate the methods and devices employed for storage in this State of oil or natural gas or of any product, including the subsurface storage of natural gas; or

(14) To permit the injection of natural gas or of any other substance into any pool in this state for the purpose of repressuring, cycling, pressure maintenance or secondary recovery operations.

(15) To regulate the disposition of water produced or used in connection with the drilling for or production of oil or gas, or both, and to direct surface or subsurface disposal of such water in a manner that will afford reasonable protection against contamination of fresh water supplies designated by the state engineer.

65-3-11.1. ADDITIONAL POWERS OF COMMISSION - HEARINGS BEFORE EXAMINER - HEARINGS DE NOVO.

In addition to the powers and authority, either express or implied, granted to the Oil Conservation Commission by virtue of the statutes of the State of New Mexico, the Commission is hereby authorized and empowered in prescribing its rules of order or procedure in connection with hearings or other proceedings before the Commission to provide for the appointment of one (1) or more examiners to be members of the staff of the commission to conduct hearings with respect to matters properly coming before the Commission and to make reports and recommendations to the Commission with respect thereto. Any member of the Commission may serve as an examiner as provided herein. The Commission shall promulgate rules and regulations with regard to hearings to be conducted before examiners and the powers and duties of the examiners in any particular case may be limited by order of the Commission to particular issues or to the performance of particular acts. In the absence of any limiting order, an examiner appointed to hear any particular case shall have the power to regulate all proceedings before him and to perform all acts and take all measures necessary or proper for the efficient and orderly conduct of such hearings, including the swearing of witnesses, receiving of testimony and exhibits offered in evidence subject to such objections as may be imposed and shall cause a complete record of the proceeding to be made and transcribed and shall certify the same to the Commission for consideration together with the report of the examiner and his recommendations in connection therewith. The Commission shall base its decision rendered in any matter or proceeding heard by an examiner, upon the transcript of testimony and record made by or under the supervision of the examiner in connection with such proceedings, and such decision shall have the same force and effect as if said hearing had been conducted before the members of said Commission. When any matter or proceeding is referred to an examiner and a decision is rendered thereon, any party adversely affected shall have the right to have said matter heard de novo before the Commission upon application filed with the Commission within 30 days from the time any such decision is rendered.

65-3-12. ALLOCATION OF ALLOWABLE PRODUCTION AMONG FIELDS WHEN COMMISSION LIMITS TOTAL AMOUNT OF PRODUCTION

Whenever, to prevent waste, the Commission limits the total amount of crude petroleum oil to be produced in this State, it shall allocate or distribute the allowable productions among the fields of the State. Such allocation or distribution among the fields of the State shall be made on a reasonable basis, giving, if reasonable under all circumstances, to each pool with small wells of settled production an allowable production which will prevent a general premature abandonment of the wells in the field.

65-3-13. ALLOCATION OF ALLOWABLE PRODUCTION IN FIELD OR POOL

(a) Whenever, to prevent waste, the total allowable production of

crude petroleum oil for any field or pool in the state is fixed by the Commission in an amount less than that which the field or pool could produce if no restriction were imposed, the Commission shall prorate or distribute the allowable production among the producers in the field or pool, upon a reasonable basis and recognizing correlative rights.

(b) Crude petroleum oil produced within the allowable as fixed by the Commission shall herein be referred to as "legal oil" and crude petroleum oil produced in excess of such allowable shall be "illegal oil."

(c) Whenever, to prevent waste, the total allowable natural gas production from gas wells producing from any pool in this state is fixed by the Commission in an amount less than that which the pool could produce if no restrictions were imposed, the Commission shall allocate the allowable production among the gas wells in the pool delivering to a gas transportation facility upon a reasonable basis and recognizing correlative rights, and shall include in the proration schedule of such pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. In protecting correlative rights the Commission may give equitable consideration to acreage, pressure, open flow, porosity, permeability, deliverability and quality of the gas and to such other pertinent factors as may from time to time exist, and in so far as is practicable, shall prevent drainage between producing tracts in a pool which is not equalized by counter-drainage. In allocating production pursuant to the provisions of Section 12 (c) the Commission shall fix proration periods of not less than six months. It shall determine reasonable market demand and make allocations of production during each such period, upon notice and hearing, at least 30 days prior to the beginning of each proration period. In so far as is feasible and practicable, gas wells having an allowable in a pool shall be regularly produced in proportion to their allowables in effect for the current poration period. Without approval of the Commission or one of its duly authorized agents, no natural gas well or pool shall be allowed to produce natural gas in excess of the allowable assigned to such source during any proration period; Provided, that during an emergency affecting a gas transportation facility a gas well or pool having high deliverability into such facility under prevailing conditions may produce and deliver in excess of its allowable for the period of emergency, not exceeding ten days, without penalty. The Commission may order subsequent changes in allowables for wells and pools to make fair and reasonable adjustment for overage resulting from the emergency. The provisions of this subsection shall not apply to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of this Act or of the rules, regulations or orders of the Commission.

(d) In fixing the allowable of a pool under Section 12 (c) herein, the Commission shall consider nominations of purchasers but shall not be bound thereby and shall so fix pool allowables as to prevent unreasonable discrimination between pools served by the same gas transportation facility by a purchaser purchasing in more than one pool.

(e) Natural gas produced from gas wells within the allowable as determined as provided in Section 12 (c) above shall herein be referred to as "legal gas." and natural gas produced in excess of such allowable shall be "illegal gas."

65-3-14. EQUITABLE ALLOCATION OF ALLOWABLE PRODUCTION - POOLING - SPACING.

(a) The rules, regulations, or orders of the Commission shall so far as it is practicable to do so, afford to the owner of each property in a pool the opportunity to

produce his just and equitable share of the oil or gas, or both, in the pool being an amount, so far as can be practically determined, and so far as such can be practicably obtained without waste, substantially in the proportion that the quantity of the recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas or both in the pool, and for this purpose to use his just and equitable share of the reservoir energy.

(b) The Commission may establish a proration unit for each pool, such being the area that can be efficiently and economically drained and developed by one well, and in so doing the Commission shall consider the economic loss caused by the drilling of unnecessary wells, the protection of correlative rights, including those of royalty owners, the prevention of waste, the avoidance of the augmentation of risks arising from the drilling of an excessive number of wells, and the prevention of reduced recovery which might result from the drilling of too few wells.

(c) When two (2) or more separately owned tracts of land are embraced within a spacing or proration unit, or where there are owners of royalty interests or undivided interests in oil and gas minerals which are separately owned or any combination thereof, embraced within such spacing or proration unit, the owner or owners thereof may validly pool their interests and develop their lands as a unit. Where, however, such owner or owners have not agreed to pool their interests, and where one such separate owner or owners, who has the right to drill has drilled or proposes to drill a well on said unit to a common source of supply, the Commission, to avoid the drilling of unnecessary wells or to protect correlative rights, or to prevent waste, shall pool all or any part of such lands or interests or both in the spacing or proration unit as a unit.

All orders effecting such pooling shall be made after notice and hearing, and shall be upon such terms and conditions as are just and reasonable and will afford to the owner or owners of each tract or interest in the unit the opportunity to recover or receive without unnecessary expense his just and fair share of the oil or gas, or both. Each order shall describe the lands included in the unit designated thereby, identify the pool or pools to which it applies and designate an operator for the unit. All operations for the pooled oil or gas, or both, which are conducted on any portion of the unit shall be deemed for all purposes to have been conducted upon each tract within the unit by the owner or owners of such tract. For the purpose of determining the portions of production owned by the persons owning interests in the pooled oil or gas, or both, such production shall be allocated to the respective tracts within the unit in the proportion that the number of surface acres included within each tract bears to the number of surface acres included in the entire unit. The portion of the production allocated to the owner or owners of each tract or interest included in a well spacing or proration unit formed by a pooling order shall, when produced, be considered as if produced from the separately owned tract or interest by a well drilled thereon. Such pooling order of the Commission shall make definite provision as to any owner, or owners, who elects not to pay his proportionate share in advance for the pro rata reimbursement solely out of production to the parties advancing the costs of development and operation which shall be limited to the actual expenditures required for such purpose not in excess of what are reasonable, but which shall include a reasonable charge for supervision and may include a charge for the risk involved in the drilling of such well, which charge for risk shall not exceed fifty per cent (50%) of the nonconsenting working interest owner or owners' pro rata share of the cost of drilling and completing the well.

In the event of any dispute relative to such costs, the Commission shall determine the proper costs after due notice to interested parties and a hearing thereon. The Commission is specifically authorized to provide that the owner or owners drilling, or pay-

ing for the drilling, or for the operation of a well for the benefit of all shall be entitled to all production from such well which would be received by the owner, or owners, for whose benefit the well was drilled or operated, after payment of royalty as provided in the lease, if any, applicable to each tract or interest, and obligations payable out of production, until the owner or owners drilling or operating the well or both have been paid the amount due under the terms of the pooling order or order settling such dispute. No part of the production or proceeds accruing to any owner or owners of a separate interest in such unit shall be applied toward the payment of any cost properly chargeable to any other interest in said unit.

If the interest of any owner or owners of any unleased mineral interest is pooled by virtue of this act (65-3-2 to 65-3-15, 65-3-18 to 65-3-21), seven-eights of such interest shall be considered as a working interest and one-eighth shall be considered a royalty interest, and he shall in all events be paid one-eighth of all production from the unit and creditable to his interest.

(d) Minimum allowable for some wells may be advisable from time to time, especially with respect to wells already drilled when this act takes effect, to the end that the production will repay reasonable lifting cost and thus prevent premature abandonment and resulting waste.

(e) Whenever it appears that the owners in any pool have agreed upon a plan for the spacing of wells, or upon a plan or method of distribution of any allowable fixed by the Commission for the pool, or upon any other plan for the development or operation of such pool, which plan, in the judgment of the Commission, has the effect of preventing waste as prohibited by this act and is fair to the royalty owners in such pool, then such plan shall be adopted by the Commission with respect to such pool; however, the Commission, upon hearing and after notice, may subsequently modify any such plan to the extent necessary to prevent waste as prohibited by this act.

(f) After the effective date of any rule, regulation or order fixing the allowable production, no person shall produce more than the allowable production applicable to him, his wells, leases or properties determined as in this act provided, and the allowable production shall be produced in accordance with the applicable rules, regulations or orders.

65-3-15. COMMON PURCHASERS - DISCRIMINATION IN PURCHASING PROHIBITED.

(a) Every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines, shall be a common purchaser thereof, and shall, without discrimination in favor of one producer as against another in the same field, purchase all oil tendered to it which has been lawfully produced in the vicinity of, or which may be reasonably reached by pipe lines through which it is transporting oil, or the gathering branches thereof, or which may be delivered to the pipe line or gathering branches thereof by truck or otherwise, and shall fully perform all the duties of a common purchaser. If any common purchaser shall not have need for all such oil lawfully produced within a field, or if for any reason it shall be unable to purchase all such oil, then it shall purchase from each producer in a field ratably, taking and purchasing the same quantity of oil from each well to the extend that each well is capable of producing its ratable portions, provided however, nothing herein contained shall be construed to require more than one pipe line connection for each producing well. In the event any such common purchaser of oil is likewise a producer or is affiliated with a producer, directly, or indirectly, it is hereby expressly prohibited from discriminating in favor of its own production or in favor of the production of an affiliated producer as against that of others and the oil produced by such common pur-

chaser or by the affiliate of such common purchaser shall be treated as that of any other producer for the purpose of ratable taking.

(b) It shall be unlawful for any common purchaser to unjustly or unreasonably discriminate as to the relative quantities of oil purchased by it in the various fields of the state; the question of the justice or reasonableness to be determined by the Commission, taking into consideration the production and age of wells in the respective fields and all other factors. It is the intent of this act that all fields shall be allowed to produce and market a just and equitable share of the oil produced and marketed in the state, insofar as the same can be effected economically and without waste.

(c) It shall be the duty of the Commission to enforce the provisions of this act, and it shall have the power, after notice and hearing as provided in Section 15 of Chapter 72 of the Session Laws of New Mexico, 1935, to make rules, regulations and orders defining the distance that extension of the pipe line system shall be made to all wells not served; provided that no such authorization or order shall be made unless the Commission finds as to such extension that it is reasonably required and economically justified, or as to such extension of facilities that the expenditures involved therein, and the expense incident thereto, is justified in relation to the volume of oil available for transportation through said extension; and such other rules, regulations and orders as may be necessary to carry out the provisions of this act, and in making such rules, regulations and orders, the Commission shall give due consideration to the economic factors involved. The Commission shall have authority to relieve such common purchaser, after due notice and hearings as herein provided, from the duty of purchasing crude petroleum oil of inferior quality or grade or that is not reasonably suitable for the requirements of such common purchaser.

(d) Any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells shall be a common purchaser thereof within each common source of supply from which it purchases, and as such it shall purchase gas lawfully produced from gas wells with which its gas transportation facilities are connected in the pool and other gas lawfully produced within the pool and tendered to a point on its gas transportation facilities. Such purchase shall be made without unreasonable discrimination in favor of one producer against another in the price paid, the quantities purchased, the bases of measurement or the gas transportation facilities afforded for gas of like quantity, quality and pressure available from such wells. In the event any such person is likewise a producer, he is prohibited to the same extent from discriminating in favor of himself on production from gas wells in which he has an interest, direct or indirect, as against other production from gas wells in the same pool. For the purposes of this act reasonable differences in prices paid or facilities afforded, or both, shall not constitute unreasonable discrimination if such differences bear a fair relationship to differences in quality, quantity or pressure of the gas available or to the relative lengths of time during which such gas will be available to the purchaser. The provisions of this subsection shall not apply (1) to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of this act or of the rules, regulations or orders of the Commission, (2) to purchases of casinghead gas from oil wells, and (3) to persons purchasing gas principally for use in the recovery or production of oil or gas.

(e) Any common purchaser taking gas produced from gas wells from a common source of supply shall take ratably under such rules, regulations and orders, concerning quantity, as may be promulgated by the Commission consistent with this act. The Commission, in promulgating such rules, regulations and orders may consider the quality and the deliverability of the gas, the pressure of the gas at the point of delivery,

acreage attributable to the well, market requirements in the case of unprorated pools, and other pertinent factors.

(f) Nothing in this act shall be construed or applied to require, directly or indirectly, any person to purchase gas of a quality or under a pressure or under any other condition by reason of which such gas cannot be economically and satisfactorily used by such purchaser by means of his gas transportation facilities then in service.

65-3-18. PURCHASE, SALE OR HANDLING OF EXCESS OIL, NATURAL GAS OR PRODUCTS PROHIBITED.

(a) The sale or purchase or acquisition, or the transportation, refining, processing, or handling in any other way, of crude petroleum oil or natural gas in whole or in part produced in excess of the amount allowed by any statute of this State, or by any provision of this act, or by any rule, regulation or order of the Commission made thereunder, is hereby prohibited, and such oil or commodity is hereby referred to as "illegal oil" or "illegal gas," as the case may be.

(b) The sale or purchase or acquisition, or the transportation, refining, processing or the handling in any other way, of any product of crude petroleum or any product of natural gas, which product is derived in whole or in part from crude petroleum oil or natural gas produced in whole or in part in excess of the amount allowed by any statute of this state, or by any provisions of this act, or by any rule, regulation or order of the Commission made thereunder, is hereby prohibited, and each such commodity or product is herein referred to as "illegal oil product" to distinguish it from "legal oil product," or "illegal gas product" to distinguish it from "legal gas product."

65-3-19. RULES AND REGULATIONS TO EFFECTUATE PROHIBITIONS AGAINST PURCHASE OR HANDLING OF EXCESS OIL OR NATURAL GAS - PENALTIES.

(a) The Commission is specifically authorized and directed to make such rules, regulations and orders, and may provide for such certificates of clearance or tenders, as may be necessary to make effective the prohibitions contained in Section 15. (65-3-18).

(b) Unless and until the Commission provides for certificates of clearance or tenders, or some other method, so that any person may have an opportunity to determine whether any contemplated transaction of sale or purchase or acquistion, or of transportation, refining, processing, or handling in any other way, involves illegal oil or illegal oil product, or illegal gas or illegal gas product, no penalty shall be imposed for the sale or purchase or acquisition, or the transportation, refining, processing, or handling in any other way, of illegal oil or illegal oil product, or illegal gas or illegal gas product, except under circumstances stated in the succeeding provisions of this paragraph. Penalties shall be imposed for the commission of each transaction prohibited in Section 15 when the person committing the same knows that illegal oil or illegal oil product, or illegal gas or illegal gas product, is involved in such transaction, or when such person could have known or determined such fact by the exercise of reasonable diligence or from facts within his knowledge. However, regardless of lack of actual notice or knowledge, penalties as provided in this act shall apply to any sale or purchase or acquisition, and to the transportation, refining, processing, or handling

in any other way, of illegal oil or illegal oil product, or illegal gas or illegal gas product where administrative provision is made for identifying the character of the commodity as to its legality. It shall likewise be a violation for which penalties shall be imposed for any person to sell or purchase or acquire, or to transport, refine, process, or handle in any way crude petroleum oil or natural gas or any product thereof without complying with the rule, regulation or order of the Commission relating thereto.

65-3-20. HEARINGS ON RULES, REGULATIONS AND ORDERS - NOTICE - EMERGENCY RULES.

Except as provided for herein, before any rule, regulation or order, including revocation, change, renewal or extension thereof, shall be made under the provisions of this act, a public hearing shall be held at such time, place and manner as may be prescribed by the Commission. The Commission shall first give reasonable notice of such hearing (in no case less than ten days, except in an emergency) and at any such hearing any person having an interest in the subject matter of the hearing shall be entitled to be heard. In case an emergency is found to exist by the Commission which in its judgment requires the making of a rule, regulation or order without first having a hearing, such emergency rule, regulation or order shall have the same validity as if a hearing with respect to the same had been held after due notice. The emergency rule, regulation or order permitted by this section shall remain in force no longer than fifteen days from its effective date, and, in any event, it shall expire when the rule, regulation or order made after due notice and hearing with respect to the subject matter of such emergency rule, regulation or order becomes effective.

65-3-21. REPORTS OF GOVERNMENTAL DEPARTMENTS OR AGENCIES AS TO MARKET DEMAND TO BE DEEMED PRIMA FACIE CORRECT.

The reports, estimates, findings of fact, or similar documents or findings of the United States Bureau of Mines, or of any other department or agency of the United States Government. or of any bureau or agency under an interstate compact to which the State of New Mexico is a party made with respect to the reasonable market demand for crude petroleum oil, may be considered by the Commission or by any court and taken as being prima facie correct.

65-3-22. REHEARINGS - APPEALS.

(a) Within twenty (20) days after entry of any order or decision of the Commission, any person affected thereby may file with the Commission an application for rehearing in respect of any matter determined by such order or decision, setting forth the respect in which such order or decision is believed to be erroneous. The Commission shall grant or refuse any such application in whole or in part within ten (10) days after the same is filed and failure to act thereon within such period shall be deemed a refusal thereof and a final disposition of such application. In the event the rehearing is granted, the Commission may enter such new order or decision after rehearing as may be required under the circumstances.

(b) Any party to such rehearing proceeding, dissatisfied with the disposition of the application for rehearing, may appeal therefrom to the District Court of the county wherein is located any property of such party affected by the decision, by filing a petition for the review of the action of the Commission within twenty (20) days after the entry of the order following rehearing or after the refusal or rehearing as the case may be. Such petition shall state briefly the nature of the proceedings before the Commission and shall set forth the order or decision of the Commission complained of and the grounds of invalidity thereof upon which the applicant will rely; provided, how-

ever, that the questions reviewed on appeal shall be only questions presented to the Commission by the application for rehearing. Notice of such appeal shall be served upon the adverse party or parties and the Commission in the manner provided for the service of summons in civil proceedings. The trial upon appeal shall be de novo, without a jury, and the transcript of proceedings before the Commission, including the evidence taken in hearings by the Commission, shall be received in evidence by the court in whole or in part upon offer by either party, subject to legal objections to evidence, in the same manner as if such evidence was originally offered in the District Court. The Commission action complained of shall be prima facie valid and the burden shall be upon the party or parties seeking review to establish the invalidity of such action of the Commission. The Court shall determine the issues of fact and of law and shall, upon a preponderance of the evidence introduced before the Court, which may include evidence in addition to the transcript of proceedings before the Commission, and the law applicable thereto, enter its order either affirming, modifying, or vacating the order of the Commission. In the event the Court shall modify or vacate the order or decision of the Commission, it shall enter such order in lieu thereof as it may determine to be proper. Appeals may be taken from the judgment or decision of the District Court to the Supreme Court in the same manner as provided for appeals from any other final judgment entered by a District Court in this State. The trial of such application for relief from action of the Commission and the hearing of any appeal to the Supreme Court from the Action of the District Court shall be expedited to the fullest possible extent.

(c) The pendency of proceedings to review shall not of itself stay or suspend operation of the order or decision being reviewed, but during the pendency of such proceedings, the District Court in its discretion may, upon its own motion or upon proper application of any party thereto, stay or suspend, in whole or in part, operation of said order or decision pending review thereof, on such terms as the court deems just and proper and in accordance with the practice of courts exercising equity jurisdiction; provided; that the court, as a condition to any such staying or suspension of operation of any order or decision, may require that one or more parties secure, in such form and amount as the court may deem just and proper, one or more other parties against loss or damage due to the staying or suspension of the Commission's order or decision, in the event that the action of the Commission shall be affirmed.

(d) The applicable rules of practice and procedure in civil cases for the courts of this state shall govern the proceedings for review, and any appeal thereform to the Supreme Court of this state, to the extent such rules are consistent with provisions of this act.

65-3-23. TEMPORARY RESTRAINING ORDER OR INJUNCTION - GROUNDS - HEARING - BOND.

(a) No temporary restraining order or injunction of any kind shall be granted against the Commission or the members thereof, or against the Attorney General, or against any agent, employee or representative of the Commission restraining the Commission, or any of its members, or any of its agents, employees or representatives, or the Attorney General, from enforcing any statute of this state relating to conservation of oil or gas, or any of the provisions of this act, or any rule, regulation or order made thereunder, except after due notice to the members of the Commission, and to all other defendants, and after a hearing at which it shall be clearly shown to the court that the act done or threatened is without sanction of law, or that the provision of this act, or the rule, regulation or order complained of, is invalid, and that, if enforced against the complaining party, will cause an irreparable injury. With respect to an order or decree granting temporary injunctive relief, the nature and extent of the probable invalidity of the statute, or of any provision of this Act, or of any rule,

regulation or order thereunder involved in such suit, must be recited in the order or decree granting the temporary relief, as well as a clear statement of the probable damage relied upon by the court as justifying temporary injunctive relief.

(b) No temporary injunction of any kind, including a temporary restraining order against the Commission or the members thereof, or its agents, employees or representatives, or the Attorney General, shall become effective until the plaintiff shall execute a bond to the State with sufficient surety in an amount to be fixed by the court reasonably sufficient to indemnify all persons who may suffer damage by reason of the violation pendente lite by the complaining party of the statute or the provisions of this act or of any rule, regulation or order complained of. Any person so suffering damage may bring suit thereon before the expiration of six months after the statute, provision, rule, regulation or order complained of shall be finally held to be valid, in whole or in part, or such suit against the Commission, or the members thereof, shall be finally dismissed. Such bond shall be approved by the judge of the court in which the suit is pending, and shall be for the use and benefit of all persons who may suffer damage by reason of the violation pendente lite of the statute, provision, rule, regulation or order complained of in such suit, and who may bring suit within the time prescribed by this section; and such bond shall be so conditioned. From time to time, on motion and with notice to the parties, the court may increase or decrease the amount of the bond and may require new or additional sureties, as the facts may warrant.

65-3-24. ACTIONS FOR VIOLATIONS.

Whenever it shall appear that any person is violating, or threatening to violate, any statute of this State with respect to the conservation of oil, or gas, or both, or any provision of this act, or any rule, regulation or order made thereunder, the Commission, through the Attorney General, shall bring suit against such person in the county of the residence of the defendant, or in the county of the residence of any defendant if there be more than one defendant, or in the county where the violation is alleged to have occurred, for penalties, if any are applicable, and to restrain such person from continuing such violation or from carrying out the threat of violation. In such suit the Commission may obtain injunctions, prohibitory and mandatory, including temporary restraining orders and temporary injunctions, as the facts may warrant, including when appropriate, an injunction restraining any person from moving or disposing of illegal oil or illegal oil product, or illegal gas or illegal gas product, and any or all such commodities, or funds derived from the sale thereof, may be ordered to be impounded or placed under the control of an agent appointed by the court if, in the judgment of the court, such action is advisable.

65-3-25. ACTIONS FOR DAMAGES - INSTITUTION OF ACTIONS FOR INJUNCTIONS BY PRIVATE PARTIES.

Nothing in this act contained or authorized, and no suit by or against the Commission, and no penalties imposed or claimed against any person for violating any statute of this state with respect to conservation of oil and gas, or any provision of this act, or any rule, regulation or order issued thereunder, shall impair or abridge or delay any cause of action for damages which any person may have or assert against any person violating any statute of this state with respect to conservation of oil and gas, or any provision of this act, or any rule, regulation or order issued thereunder. Any person so damaged by the violation may sue for and recover such damages as he may be entitled to receive. In the event the Commission should fail to bring suit to enjoin any actual or threatened violation of any statute of this state with respect to the conservation of oil and gas, or of any provision of this act or of any rule, regulation or order made thereunder, then any person or party in interest adversely affected

by such violation, and who has notified the Commission in writing of such violation or threat thereof and has requested the Commission to sue, may, to prevent any or further violation, bring suit for that purpose in the District Court of any county in which the Commission could have brought suit. If in such suit, the court holds that injunctive relief should be granted, then the Commission shall be made a part and shall be substituted for the person who brought the suit, and the injunction shall be issued as if the Commission had at all times been the complaining party.

65-3-26. VIOLATION OF COURT ORDER GROUNDS FOR APPOINTMENT OF RECEIVER.

The violation by any person of an order of the court relating to the operation of a well or wells, or of a pipeline or other transportation, equipment or facility, or of a refinery, or of a plant of any kind, shall be sufficient ground for the appointment of a receiver with power to conduct operations in accordance with the order of the court.

65-3-27. PENALTIES FOR VIOLATIONS - ACCESSORIES.

(a) Any person who, for the purpose of evading this act, or of evading any rule, regulation or order made hereunder, shall knowingly and wilfully make or cause to be made any false entry or statement of fact in any report required to be made by this act or by any rule, regulation or order made hereunder or who, for such purpose, shall make or cause to be made any false entry in any account, record or memorandum kept by any person in connection with the provisions of this act or of any rule, regulation or order made thereunder; or who, for such purpose, shall omit to make, or cause to be omitted, full, true and correct entries in such accounts, records or memoranda, of all facts and transactions pertaining to the interest or activities in the petroleum industry of such person as may be required by the Commission under authority given in this act or by any rule, regulation or order made hereunder; or who, for such purpose, shall remove out of the jurisdiction of the state, or who shall mutilate, alter, or by any other means falsify, any book, record, or other paper pertaining to the transactions regulated by this act or by any rule, regulation or order made hereunder; - shall be deemed guilty of a felony and shall be subject upon conviction in any court of competent jurisdiction, to a fine of not more than one Thousand ($1,000.00) Dollars, or imprisonment for a term of not more than three years, or to both such fine and imprisonment.

(b) Any person who knowingly and wilfully violates any provision of this act or any rule, regulation or order of the Commission made hereunder, shall, in the event a penalty for such violation is not otherwise provided for herein, be subject to a penalty of not to exceed One Thousand ($1,000.00) Dollars a day for each and every day of such violation, and for each and every act of violation, such penalty to be recovered in a suit in the District Court of the county where the defendant resides, or in the county of the residence of any defendant if there be more than one defendant, or in the District Court of the County where the violation took place. The place of suit shall be selected by the Commission, and such suit, by direction of the Commission, shall be instituted and conducted in the name of the Commission, by the Attorney General or under his direction by the district attorney of the county where the suit is instituted. The payment of any penalty as provided for herein shall not have the effect of changing illegal oil or illegal gas into legal oil or legal gas, or illegal oil or illegal gas product into legal oil or legal gas product, nor shall such payment have the effect of authorizing the sale or purchase or acquisition,or the transportation, refining, processing, or handling in any other way, of such illegal oil or illegal gas, or illegal oil or

illegal gas product, but to the contrary penalty shall be imposed for each prohibited transaction relating to such illegal oil or illegal gas or illegal oil or illegal gas product.

(c) Any person knowingly and wilfully aiding or abetting any other person in the violation of any statute of this State relating to the conservation of oil and gas, or the violation of any provision of this act, or any rule, regulation or order made thereunder, shall be subject to the same penalties as are prescribed herein for the violation by such other person.

65-3-28. SEIZURE AND SALE OF ILLEGAL OIL OR GAS OR PRODUCTS - PROCEDURE.

(a) Apart from, and in addition to, any other remedy or procedure which may be available to the Commission, or any penalty which may be sought against or imposed upon any person, with respect to violations relating to illegal oil or illegal gas or illegal oil or illegal gas product shall, except under such circumstances as are stated herein, be contraband and shall be seized and sold, and the proceeds applied as herein provided. Such sale shall not take place unless the court shall find in the proceeding provided in this paragraph, that the owner of such illegal oil or illegal gas or illegal oil or illegal gas product is liable or in some proceeding authorized by this act, such owner has already been held to be liable, for penalty for having produced such illegal oil or illegal gas, or for having purchased or acquired such illegal oil or illegal gas or illegal oil or illegal gas product. Whenever the Commission believes that illegal oil or illegal gas or illegal oil or illegal gas product is subject to seizure and sale, as provided herein, it shall, through the Attorney General, bring a civil action in rem for that purpose in the District Court of the county where the commodity is found, or the action may be maintained in connection with any suit or crossaction for injunction or for penalty relating to any prohibited transaction involving such illegal oil or illegal gas or illegal oil or illegal gas product. Notice of the action in rem shall be given in conformity with the law or rule applicable to such proceeding. Any person or party in interest who may show himself to be adversely affected by any such seizure and sale shall have the right to intervene in said suit to protect his rights.

(b) Whenever the pleading with respect to the forfeiture of illegal oil or illegal gas or illegal oil or illegal gas product shows ground for seizure and sale, and such pleading is verified or is supported by affidavit or affidavits, or by testimony under oath, the court shall order such commodity to be impounded or placed under the control, actual or constructive, of the court through an agent appointed by the court.

(c) The judgment effecting the forfeiture shall provide that the commodity be seized, if not already under the control of the court, and that a sale be had in similar manner and with similar notice as provided by law or rule with respect to the sale of personal property under execution; provided, however, the court may order that the commodity be sold in specified lots or portions, and at specified intervals, instead of being sold at one time. Title to the amount sold shall pass as of the date of the seizure. The judgment shall provide for payment of the proceeds of the sale into the Common School Fund, after first deducting the costs in connection with the proceedings and the sale. The amount sold shall be treated as legal oil or legal gas or legal oil or legal gas product, as the case may be, in the hands of the purchaser, but the purchaser and the commodity shall be subject to all applicable laws and rules, regulations and orders with respect to further sale or purchase or acquisition, and with respect to the transportation, refining, processing, or handling in any other way, of the commodity purchased.

(d) Nothing in this section shall deny or abridge any cause of action a royalty owner, or any lien holder, or any other claimant, may have, because of the forfeiture of the illegal oil or illegal gas or illegal oil or illegal gas product, against the person whose act resulted in such forfeiture.

65-3-29. DEFINITIONS OF WORDS USED IN ACT.

Unless the context otherwise requires, the words defined in this section shall have the following meaning when found in this act, to-wit:

(a) "Person" means any natural person, corporation, association, partnership, receiver, trustee, guardian, executor, administrator and a fiduciary of any kind.

(b) "Pool" means an underground reservoir containing a common accumulation of crude petroleum oil or natural gas or both. Each zone of a general structure, which zone is completely separated from any other zone in the structure, is covered by the word "pool" as used herein. "Pool" is synonymous with "common source of supply" and with "Common Reservoir."

(c) "Field" means the general area which is underlaid or appears to be underlaid by at least one pool; and "field" also includes the underground reservoir or reservoirs containing such crude petroleum oil or natural gas, or both. The words "field" and "pool" means the same thing when only one underground reservoir is involved; however, "field" unlike "pool" may relate to two or more pools.

(d) "Product" means any commodity or thing made or manufactured from crude petroleum oil or natural gas, and all derivatives of crude petroleum oil or natural gas, including refined crude oil, crude tops, topped crude, processed crude petroleum, residue from crude petroleum, cracking stock, uncracked fuel oil, treated crude oil, fuel oil, residuum, gas oil, naptha, distillate, gasoline, kerosene, benzine, wash oil, waste oil, lubricating oil, and blends or mixcures of crude petroleum oil or natural gas or any derivative thereof.

(e) "Owner" means the person who has the right to drill into and to produce from any pool, and to appropriate the production either for himself or for himself and another.

(f) "Producer" means the owner of well or wells capable of producing oil or natural gas or both in paying quantities.

(g) "Gas transportation facility" means a pipe line in operation serving gas wells for the transportation of natural gas, or some other device or equipment in like operation whereby natural gas produced from gas wells connected therewith can be transported or used for consumption.

(h) "Correlative rights" means the opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as can be practicably obtained without waste, substantially in the proporation that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purpose to use his just and equitable share of the reservoir energy.

65-3-31. REGULATION, CONSERVATION AND PREVENTION OF WASTE OF CARBON DIOXIDE GAS.

The Oil Conservation Commission is hereby vested with the authority and duty of regulation and conserving the production of and preventing waste of carbon dioxide gas within this state in the same manner, insofar as is practicable as it regulates, conserves and prevents waste of natural or hydrocarbon gas. The provisions of this act relating to gas or natural gas shall also apply to carbon dioxide gas insofar as the same are applicable. "Carbon dioxide gas" as used herein shall mean non-combustable gas composed chiefly of carbon dioxide occurring naturally in underground rocks.

65-9-1. PUBLIC INTEREST AND WELFARE

The underground storage of natural gas which promotes conservation thereof, which permits the building of reserves for orderly withdrawal in periods of peak demand, which makes more readily available our natural gas resources to the domestic, commercial and industrial consumers of this state, and which provides a better year-round market to the various gas fields, is hereby declared to be in the public interest and welfare of this state and the citizens hereof.

65-9-2. DEFINITIONS

As used in this act (65-9-1 to 65-9-8):

(A) "Underground storage" shall mean storage of natural gas in a subsurface stratum or formation of the earth;

(B) "Natural gas" shall mean natural gas either while in its original state after withdrawal from the earth or after the same has been processed by removal therefrom of component parts not essential to its use for light and fuel;

(C) "Native gas" shall mean gas which has not been previously withdrawn from the earth;

(D) "Commission" shall mean the oil conservation commission;

(E) "Natural gas company" shall mean any person, firm or corporation engaged in the distribution, sale or furnishing of natural gas to or for the public subject to regulation by the public service commission under the Public Utility Act, or any person, firm or corporation engaged in the business of transporting natural gas, subject to regulation by the federal power commission under the Natural Gas Act; and

(F) "Public body" shall mean the state of New Mexico or any department, board, commission, bureau, institution, public agency, county or political subdivision thereof including bodies corporate, bodies politic, municipal corporations, school districts, conservancy districts and quasimunicipal corporations of all kinds.

75-9-3. ACQUISITION OF LANDS FOR PURPOSES OF UNDERGROUND NATURAL GAS STORAGE - LANDS CONTROLLED BY PUBLIC BODY, EXECUTOR, ADMINISTRATOR, GUARDIAN, RECEIVER, OR TRUSTEE.

Any natural gas company desiring to make use of a formation or stratum as a reservoir for the underground storage of natural gas shall attempt to acquire by option, lease, conveyance or other negotiated means, such formation or stratum prior to resorting to the excercise of the power of eminent domain as hereinafter granted. Any public body and any executor, administrator, guardian, receiver or trustee shall be authorized to grant to any such natural gas company rights for underground storage of

natural gas in lands subject to its or his control in the same manner as provided by law for entering into oil and gas leases, or if any such public body, executor, administrator, guardian, receiver, or trustee shall not be specifically authorized by law to make oil and gas leases, then in the manner provided by law for lease by such public body, executor, administrator, guardian, receiver or trustee of interests in land, or if any such public body, executor, administrator, guardian, receiver, or trustee shall not be specifically authorized by law to make oil and gas leases or leases for interests in land, then in the manner provided by law for the sale by such public body, executor, administroator, guardian, receiver or trustee of interests in land.

65-9-4. APPROPRIATION OF UNDERGROUND STORAGE FACILITIES - LIMITATIONS.

By eminent domain proceedings, any natural gas company may appropriate for underground storage of natural gas any subsurface stratum or formation in any land which the commission shall have found to be suitable for the underground storage of natural gas, and in connection therewith may appropriate such other interests in the land as may be required to maintain and operate facilities for such underground storage; Provided, however, that the right to appropriate underground formations and strata shall be limited as follows:

(A) No formation or stratum which is producing or which is capable of producing oil in paying quantities, through any known recovery method, shall be subject to appropriation hereunder;

(B) No formation or stratum that contained native gas producible in paying quantities shall be subject to appropriation hereunder, unless the recoverable volumes of native gas originally in place therein shall be substantially depleted, and unless such formation or stratum has a greater value or utility as a gas storage reservoir for the purpose of insuring an adequate supply of natural gas, or for the conservation of natural gas, then for the production of the relatively small volumes of native gas which remain therein;

(C) No formation or stratum underlying lands which contain known commercial deposits of potash shall be subject to appropriation hereunder;

(D) No formation or stratum shall be subject to appropriation hereunder if its use for underground storage purposes would cause injury to surface or underground water resources;

(E) No part of a reservoir shall be subject to appropriation unless the natural gas company shall have acquired by option, lease, conveyance or other negotiated means, at least seventy-five per cent (75%) of the ownership which has the right to grant the use for underground storage of the reservoir, computed in relation to the surface area overlying that part of the reservoir which, as found by the commission, is expected to be penetrated by displaced or injected gas;

(F) No rights or interest in existing underground gas reservoirs, being used for the injection, storage and withdrawal of natural gas, owned or operated by others than the condemner, shall be subject to appropriation;

(G) No dwelling, barn, store, warehouse or other building shall be subject to appropriation hereunder; and

(H) The right of appropriation hereby granted shall be without

prejudice to the rights of the owner of said lands or of other rights or interests therein to drill through the underground stratum or formation so appropriated in such manner as shall comply with orders, rules and regulations of the commission issued for the purpose of protecting underground storage strata or formations against pollution and against the escape of natural gas therefrom and shall be without prejudice to the rights of the owner of said lands or other rights or interests therein as to all other uses thereof.

65-9-5. FINDINGS OF OIL CONSERVATION COMMISSION.

Any natural gas company desiring to exercise the right of eminent domain as to any land for underground storage of natural gas shall, as a conditional precedent to the filing of its petition in the district court, obtain from the commission a decision finding:

(A) That the underground stratum or formation sought to be acquired is suitable for the underground storage of natural gas;

(B) That the underground stratum or formation sought to be acquired is incapable of producing oil in paying quantities through any known recovery method;

(C) That the formation or stratum sought to be acquired is not underlying lands which contain known commercial deposits of potash;

(D) That injury will not be caused to surface or underground water resources;

(E) That the underground stratum or formation sought to be acquired, if it contained native gas capable of production in paying quantities, is substantially depleted of recoverable native gas, and that such formation or stratum has a greater value or utility as a gas storage reservoir than for the production of the remaining volumes of native gas therein;

(F) The extent of the horizontal limits of the reservoir expected to be penetrated by displaced or injected gas; and

(G) That no portion of the formation or stratum sought to be acquired has been appropriated or is being utilized for the injection, storage and withdrawal of natural gas by others.

65-9-6. COMMISSION PROCEDURE.

The laws, rules and regulations relating to commission action in matters pertaining to conservation of oil and gas shall be applicable to commission proceedings under this act (65-9-1 to 65-9-8).

65-9-7. EXERCISE OF RIGHT OF EMINENT DOMAIN.

Any natural gas company having first obtained a decision from the commission, as hereinbefore provided, may proceed to appropriate for underground storage of natural gas subsurface strata or formations and such other interests in the land as may be required to maintain and operate facilities for such underground storage in the manner provided by law for the exercise of the right of eminent domain by railroads and telegraph and telephone companies.

65-9-8. OWNERSHIP OF INJECTED GAS.

All natural gas which has previously been reduced to possession, and which is subsequently injected into underground storage in any strata or formation shall at all times be deemed the property of the injector, his heirs, successors or assigns; and in no event shall such gas be subject to the right of the owner of the surface of said lands or of any mineral interest therein, under which said strata or formation lie, or of any person other than the injector, his heirs, successors and assigns, to produce, take, reduce to possession, waste, or otherwise interfere with or exercise any control thereover, Provided that the injector, his heirs, successors and assigns, shall have no right to gas in any stratum, formation or portion thereof, in which storage rights have not been acquired pursuant to this act (65-9-1 to 65-9-8), or otherwise purchased.

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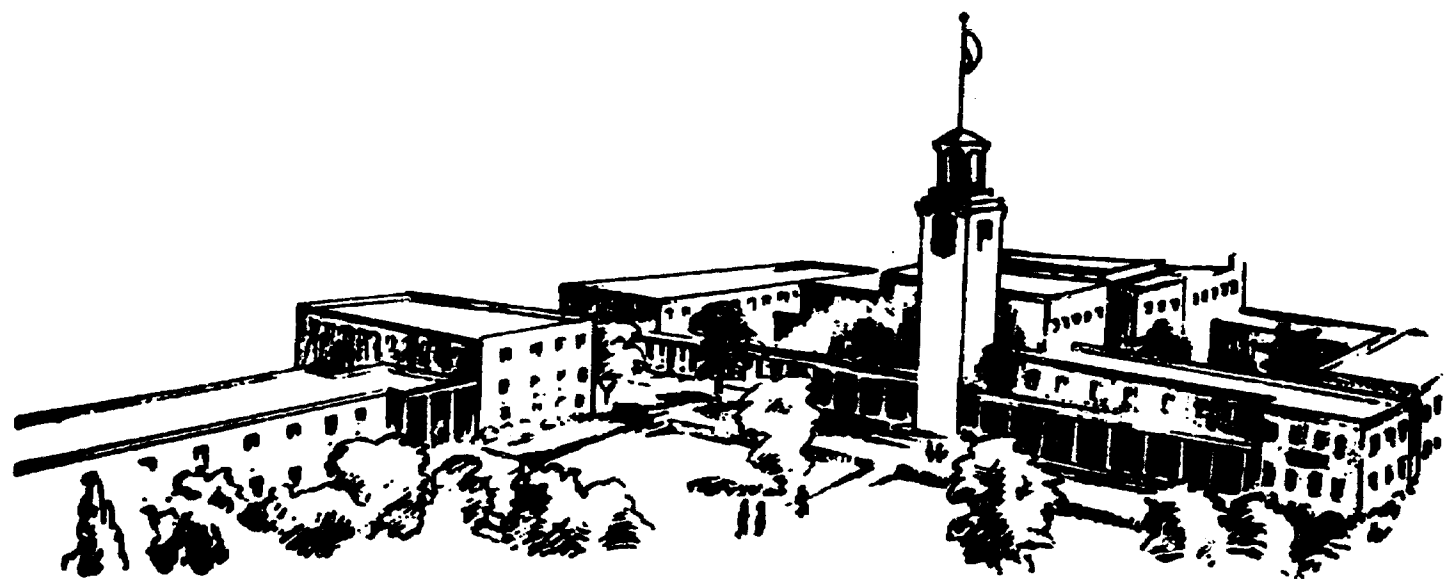
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New Mexico
Oil Conservation Commission



RULES AND REGULATIONS

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO.

REVISED NOVEMBER 1, 1963

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This book contains the Commission Rules and Regulations of statewide application. Special rules governing individual oil or gas pool are not included but should be consulted where applicable. Order No. R-1670, as amended, should be consulted for general and special rules governing prorated gas pools in Southeast and Northwest New Mexico.

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A - DEFINITIONS

ADJUSTED ALLOWABLE shall mean the allowable production a well or proration unit receives after all adjustments are made.

ALLOCATED POOL is one in which the total oil or natural gas production is restricted and allocated to various wells therein in accordance with proration schedules.

ALLOWABLE PRODUCTION shall mean that number of barrels of oil or standard cubic feet of natural gas authorized by the Commission to be produced from an allocated pool.

BACK ALLOWABLE shall mean the authorization for production of any shortage or underproduction resulting from pipeline prorationing.

BARREL shall mean 42 United States Gallons measured at 60 degrees Fahrenheit and atmospheric pressure at the sea level.

BARREL OF OIL shall mean 42 United States Gallons of oil, after deductions for the full amount of basic sediment, water, and other impurities present, ascertained by centrifugal or other recognized and customary test.

BOTTOM HOLE OR SUBSURFACE PRESSURE shall mean the gauge pressure in pounds per square inch under conditions existing at or near the producing horizon.

BRADENHEAD GAS WELL shall mean any well producing gas through wellhead connections from a gas reservoir which has been successfully cased off from an underlying oil or gas reservoir.

CARBON DIOXIDE GAS shall mean noncombustible gas composed chiefly of carbon dioxide occurring naturally in underground rocks.

CASINGHEAD GAS shall mean any gas or vapor or both gas and vapor indigenous to and produced from a pool classified as an oil pool by the Commission. This also includes gas-cap gas produced from such an oil pool.

COMMISSION shall mean the Oil Conservation Commission created by Section 3, Chapter 168, Session Laws 1949.

COMMON PURCHASER FOR NATURAL GAS shall mean any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells within each common source of supply from which it purchases (See: Sec. 14 (d), Chap. 168, Session Laws 1949).

COMMON PURCHASER FOR OIL shall mean every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines (See Sec. 14 (a), Session Laws 1949).

COMMON SOURCE OF SUPPLY see Pool.

CONDENSATE shall mean the liquid recovered at the surface that results from condensation due to reduced pressure or temperature of petroleum hydrocarbons existing in a gaseous phase in the reservoir.

CONTIGUOUS shall mean acreage joined by more than one common point, that is, the common boundary must be at least one side of a governmental quarter-quarter section.

CONVENTIONAL COMPLETION shall mean a well completion in which the production string of casing has an outside diameter in excess of 2.875 inches.

CORRELATIVE RIGHTS shall mean the opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as can be practicably obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purpose to use his just and equitable share of the reservoir energy (See: Sec. 26 (h), Chap. 168, 1949 Session Laws).

CUBIC FOOT OF GAS OR STANDARD CUBIC FOOT OF GAS, for the purposes of these rules, shall mean that volume of gas contained in one cubic foot of space and computed at a base pressure of 10 ounces per square inch above the average barometric pressure of 14.4 pounds per square inch (15.025 psia), at a standard base temperature of 60 degrees Fahrenheit.

DEEP POOL shall mean a common source of supply which is situated 5000 ft. or more below the surface.

FIELD means the general area which is underlaid or appears to be underlaid by at least one pool; and field also includes the underground reservoir or reservoirs containing such crude petroleum oil or natural gas, or both. The words field and pool mean the same thing when only one underground reservoir is involved; however, field unlike pool may relate to two or more pools (See: Sec. 26, Chap. 168, 1949 Session Laws).

GAS LIFT shall mean any method of lifting liquid to the surface by injecting gas into a well from which oil production is obtained.

GAS-OIL RATIO shall mean the ratio of the casinghead gas produced in standard cubic feet to the number of barrels of oil concurrently produced during any stated period.

GAS-OIL RATIO ADJUSTMENT shall mean the reduction in allowable of a high gas-oil ratio unit to conform with the production permitted by the limiting gas-oil ratio for that particular pool during a particular proration period.

GAS TRANSPORTATION FACILITY shall mean a pipe line in operation serving gas wells for the transportation of natural gas, or some other device or equipment in like operation whereby natural gas produced from gas wells connected therewith can be transported or used for consumption (See: Sec. 26 (g), Chap. 168, 1949 Session Laws).

GAS WELL shall mean a well producing gas or natural gas from a common source of gas supply as determined by the Commission.

HIGH GAS-OIL RATIO PRORATION UNIT shall mean a unit with at least one producing oil well with a gas-oil ratio in excess of the limiting gas-oil ratio for the pool in which the unit is located.

ILLEGAL GAS shall mean natural gas produced from a gas well in excess of the allowable determined by the Commission (See: Sec. 15 (a), Chap. 168, 1949 Session Laws).

ILLEGAL OIL shall mean crude petroleum oil produced in excess of the allowable as fixed by the Commission (See: 15 (a), Chap. 168, 1949 Session Laws).

ILLEGAL PRODUCT shall mean any product of illegal gas or illegal oil (See: Sec. 15 (b), Chap. 168, 1949 Session Laws).

INJECTION OR INPUT WELL shall mean any well used for the injection of air, gas, water, or other fluids into any underground stratum.

LIMITING GAS-OIL RATIO shall mean the gas-oil ratio assigned by the Commission to a particular oil pool to limit the volumes of casinghead gas which may be produced from the various oil producing units within that particular pool.

LOAD OIL is any oil or liquid hydrocarbon which has been used in any remedial operation in an oil or gas well.

LOG OR WELL LOG shall mean a systematic detailed and correct record of formations encountered in the drilling of a well.

MARGINAL UNIT shall mean a proration unit that will not produce at a rate equal to the top unit allowable for the proration period for the pool.

MINIMUM ALLOWABLE shall mean the minimum amount of production from an oil and gas well which may be advisable from time to time to the end that production will repay reasonable lifting cost and thus prevent premature abandonment and resulting waste.

MULTIPLE COMPLETION (COMBINATION) shall mean a multiple completion in which two or more common sources of supply are produced through a combination of two or more conventional diameter casing strings cemented in a common well-bore, or a combination of small diameter and conventional diameter casing strings cemented in a common well-bore, the conventional diameter strings of which might or might not be a Multiple Completion (Conventional).

MULTIPLE COMPLETION (CONVENTIONAL) shall mean a completion in which two or more common sources of supply are produced through one or more strings of tubing installed within a single casing string, with the production from each common source of supply completely segregated by means of packers.

MULTIPLE COMPLETION (TUBINGLESS) shall mean a completion in which two or more common sources of supply are produced through an equal number of casing strings cemented in a common well-bore, such string of casing having an outside diameter of 2.875 inches or less, with the production from each common source of supply completely segregated by use of cement.

NON-MARGINAL UNIT shall mean a proration unit that will produce at a rate equal to the top unit allowable for the proration period for the pool.

OFFICIAL GAS-OIL RATIO TEST shall mean the periodic gas-oil ratio test made by order of the Commission and by such method and means and in such manner as prescribed by the Commission.

OIL, CRUDE OIL, OR CRUDE PETROLEUM OIL shall mean any petroleum hydrocarbon produced from a well in the liquid phase and which existed in a liquid phase in the reservoir.

OIL WELL shall mean any well capable of producing oil and which is not a gas well as defined herein.

OPERATOR shall mean any person or persons who, duly authorized, is in charge of the development of a lease or the operation of a producing property.

OVERAGE OR OVER PRODUCTION shall mean the amount of oil or the amount of natural gas during a proration period in excess of the amount authorized on the proration schedule. (Amended by Order No. R-98-A).

OWNER means the person who has the right to drill into and to produce from any pool, and to appropriate the production either for himself or for himself and another (See: Sec. 26 (e), Chap. 168, 1949 Session Laws).

PERSON means any natural person, corporation, association, partnership, receiver, trustee, guardian, executor, administrator and fiduciary of any kind (See: Sec. 26 (a), Chap. 168, 1949 Session Laws).

POOL means any underground reservoir containing a common accumulation of crude petroleum oil or natural gas or both. Each zone of a general structure, which zone is completely separated from any other zone in the structure, is covered by the word "pool" as used herein. "Pool" is synonymous with "common source of supply" and with "common reservoir" (See: Sec. 26 (B), Chap. 168, 1949 Session Laws).

POTENTIAL shall mean the properly determined capacity of a well to produce oil, or gas, or both, under conditions prescribed by the Commission.

PRESSURE MAINTENANCE shall mean the injection of gas or other fluid into a reservoir, either to maintain the existing pressure in such reservoir or to retard the natural decline in the reservoir pressure.

PRODUCER shall mean the owner of well or wells capable of producing oil or natural gas or both in paying quantities.

PRODUCT means any commodity or thing made or manufactured from crude petroleum oil or natural gas, and all derivatives of crude petroleum oil or natural gas, including refined crude oil, crude tops, topped crude, processed crude petroleum, residue from crude petroleum, cracking stock, uncracked fuel oil, treated crude oil, fuel oil, residuum, gas oil, naphtha, distillate, gasoline, kerosene, benzine, wash oil, waste oil, lubricating oil, and blends or mixtures of crude petroleum oil or natural gas or any derivative thereof (See: Sec. 26 (d), Chap. 168, 1949 Session Laws).

PRORATION DAY shall consist of 24 consecutive hours which shall begin at 7 a.m. and end at 7 a.m. on the following day.

PRORATION MONTH shall mean the calendar month which shall begin at 7 a.m. on the first day of such month and end at 7 a.m. on the first day of the next succeeding month.

PRORATION PERIOD shall mean for oil the proration month and for gas six consecutive calendar months which shall begin at 7 a.m. on the first day of a calendar month and end at 7 a.m. on the first day of the seventh succeeding month.

PRORATION SCHEDULE shall mean the periodic order of the Commission authorizing the production, purchase and transportation of oil or of natural gas from the various units of oil or of natural gas proration in allocated pools.

RECOMPLETE shall mean the subsequent completion of a well in a different pool from the pool in which it was originally completed.

SECONDARY RECOVERY shall mean a method of recovering quantities of oil or gas from a reservoir which quantities would not be recoverable by ordinary primary depletion methods.

SHALLOW POOL shall mean a pool which has a depth range from 0 to 5000 feet.

SHORTAGE OR UNDERPRODUCTION shall mean the amount of oil or the amount of natural gas during a proration period by which a given proration unit failed to produce an amount equal to that authorized on the proration schedule.

SHUT-IN PRESSURE shall mean the gauge pressure noted at the wellhead when the well is completely shut-in. Not to be confused with bottom hole pressure.

TANK BOTTOMS shall mean that accumulation of hydrocarbon material and other substances which settle naturally below crude oil in tanks and receptacles that are used in handling and storing of crude oil, and which accumulations contains in excess of two (2%) percent of basic sediment and water; provided, however, that with respect to lease production and for lease storage tanks, a tank bottom shall be limited to that volume of the tank in which it is contained that lies below the bottom of the pipeline outlet thereto.

TOP UNIT ALLOWABLE FOR GAS shall mean the maximum number of cubic feet of natural gas, for the proration period, allocated to a gas producing unit in an allocated gas pool.

TOP UNIT ALLOWABLE FOR OIL shall mean the maximum number of barrels of oil daily for each calendar month allocated on a proration unit basis in a pool to non-marginal units.

TREATING PLANT shall mean any plant constructed for the purpose of wholly or partially ~~or being~~ used wholly or partially for reclaiming, treating, processing, or in any manner making tank bottoms or any other waste oil marketable.

TUBINGLESS COMPLETION shall mean a well completion in which the production string of casing has an outside diameter of 2.875 inches or less.

UNIT OF PRORATION FOR GAS shall consist of such multiples of 40 acres as may be prescribed by special pool rules issued by the Commission.

UNIT OF PRORATION FOR OIL shall consist of tracts of land each containing approximately forty acres in the form of a square in accordance with the legal subdivision of the U. S. Public Land Surveys and each predominantly situated within the confines of a pool.

UNORTHODOX WELL LOCATION shall mean a location which does not conform to the spacing requirements established by the rules and regulations of the Commission.

WASTE, in addition to its ordinary meaning, shall include:

(a) Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas.

(1) Surface Waste as those words are generally understood in the oil and gas business, and in any event to embrace the unnecessary or excessive surface loss or destruction without beneficial use, however caused, of natural gas of any type or in any form or crude petroleum oil, or any product thereof, and including the loss or destruction, without beneficial use, resulting from evaporation, seepage, leakage, or fire, especially such loss or destruction incident to or resulting from the manner of spacing, equipping, operating or producing, well or wells, or incident to or resulting from the use of inefficient storage or from the production of crude petroleum oil or natural gas, in excess of the reasonable market demand.

(c) The production of crude petroleum oil in this state in excess of the reasonable market demand for such crude petroleum oil. Such excess production causes or results in waste which is prohibited by Chapter 168, 1949 Session Laws. The words "reasonable market demand" as used herein with respect to crude petroleum oil, shall be construed to mean the demand for such crude petroleum oil for reasonable current requirements for current consumption and use within or outside of the state, together with the demand for such amounts as are reasonably necessary for building up or maintaining reasonable storage reserves of crude petroleum oil or the products thereof, or both such crude petroleum oil and products.

(d) The non-ratable purchase or taking of crude petroleum oil in this state. Such non-ratable taking and purchasing causes or results in waste, as defined in the subsections (a), (b), (c) of this section and causes waste by violating Section 12 (a), Chapter 168, 1949 Session Laws.

(e) The production in this state of natural gas from any gas well or wells, or from any gas pool, in excess of the reasonable market demand from such source for natural gas of the type produced or in excess of the capacity of gas transportation facilities for such type of natural gas. The words "reasonable market demand," as used herein with respect to natural gas, shall be construed to mean the demand for natural gas for reasonable current requirements, for current consumption and for use within or outside the state, together with the demand for such amounts as are necessary for building up or maintaining reasonable storage reserves of natural gas or products thereof, or both such natural gas and products.

B - MISCELLANEOUS RULES

RULE 1. SCOPE OF RULES AND REGULATIONS

(a) The following General Rules of statewide application have been adopted by the Oil Conservation Commission to conserve the natural resources of the State of New Mexico, to prevent waste, and to protect correlative rights of all owners of crude oil and natural gas. Special rules, regulations and orders have been and will be issued when required and shall prevail as against General Rules, Regulations and Orders if in conflict therewith. However, whenever these General Rules do not conflict with special rules heretofore or hereafter adopted, these General Rules will apply in each case.

(b) The Commission may grant exceptions to these rules after notice and hearing, when the granting of such exceptions will not result in waste but will protect correlative rights or prevent undue hardship.

RULE 2. ENFORCEMENT OF LAWS, RULES AND REGULATIONS DEALING WITH CONSERVATION OF OIL AND GAS

The Commission, its agents, representatives and employees are charged with the duty and obligation of enforcing all rules and statutes of the State of New Mexico relating to the conservation of oil and gas. However, it shall be the responsibility of all the owners or operators to obtain information pertaining to the regulation of oil and gas before operations have begun.

RULE 3. WASTE PROHIBITED

(a) The production or handling of crude petroleum oil or natural gas of any type or in any form, or the handling of products thereof, in such a manner or under such conditions or in such amount as to constitute or result in waste is hereby prohibited.

(b) All operators, contractors, drillers, carriers, gas distributors, service companies, pipe pulling and salvaging contractors, or other persons shall at all times conduct their operations in the drilling, equipping, operating, producing, plugging and abandonment of oil and gas wells in a manner that will prevent waste of oil and gas, and shall not wastefully utilize oil or gas, or allow either to leak or escape from a natural reservoir, or from wells, tanks, containers, pipe or other storage, conduit or operating equipment.

RULE 4. UNITED STATES GOVERNMENT LEASES

The Commission recognizes that all persons drilling on United States Government land shall comply with the United States government regulations. Such persons shall also comply with all applicable State rules and regulations which are not in conflict therewith. Copies of the "Sundry Notices and Reports on Wells" and the "Well Log" of the wells on U. S. Government land shall be furnished the Commission.

RULE 5. CLASSIFYING AND DEFINING POOLS

The Commission will determine whether a particular well or pool is a gas or oil well, or a gas or oil pool, as the case may be, and from time to time classify and reclassify wells and name pools accordingly, and will determine the limits of any pool or pools producing crude petroleum oil or natural gas and from time to time re-determine such limits.

RULE 6. FORMS UPON REQUEST

Forms for written notices, requests and reports required by the Commission will be furnished upon request.

RULE 7. AUTHORITY TO COOPERATE WITH OTHER AGENCIES

The Commission may from time to time enter into arrangements with State and Federal governmental agencies, industry committees and individuals, with respect to special projects, services and studies relating to conservation of oil and gas.

C - DRILLING

RULE 101. PLUGGING BOND

(a) Any person who has drilled or is drilling or proposes to drill for oil or gas shall submit to the Commission and obtain its approval of a bond, in a form approved by the Commission, conditioned to plug such well, if dry or when abandoned, in such way as to confine the oil, gas or water in the respective strata in which they are found. The bond shall be in an amount determined by the Commission after taking into consideration the depth of the well and local conditions, but in no case shall the amount of the bond applicable to one well only, be more than $10,000.00. Each such bond shall be executed by a responsible surety company, authorized to transact business in the State of New Mexico. In cases where the principal on the bond is drilling or operating a number of wells within the State or proposes to do so, such principal may, with the approval of the Commission, submit a blanket bond* in the amount of $10,000.00 conditioned as above provided, covering all wells which such person may at any time before such bond is released, drill or operate within this state.

(b) For the purposes of the Commission the bond required is a plugging bond, not a drilling bond, and is to endure up to and including approved plugging when the well is dry or abandoned, even though the well be a producer. Transfer of property does not release the bond. In case of transfer to property and the principal desires to be released from the bond, he should proceed as follows:

(1) The principal on the bond should notify the Commission in writing that the well, or wells, describing each well by 40-acre tract - Section, Township and Range, has or have been transferred to a certain transferee, for the purpose of ownership or operation.

(2) On the same instrument the transferee should recite that he accepts such transfer and accepts the responsibility of such well or wells under his bond tendered therewith or under his blanket bond on file with the Commission.

(c) When the Commission has approved the transfer, the transferor is immediately released of the plugging responsibility of the well or wells as the case may be, and if such well or wells include all the wells within the responsibility of the transferor's bond, such bond will be released upon written notice by the Commission.

(d) The transferee of any oil or gas well or of the operation of any such well shall be responsible for the plugging of any such well and for that purpose shall submit a new plugging bond or produce the written consent of the surety of the prior plugging bond that the latter's responsibility shall continue.

(e) When the well or wells involved, or any such wells, are located on a state oil and gas lease, and the surface of the land involved was sold by the state prior to such oil and gas lease, such bond may, at the election of the principal, be conditioned not only for the plugging of such well or wells as above provided, but also to secure the payment of such damages to the livestock, range, water, crops or tangible improvements on such land as may be suffered by such purchaser or his successors in interest by reason of the development, use and occupation of the land resulting from

*Both forms - for one-well bond and blanket bond form - distributed from Commission office at Santa Fe.

such oil and gas leases. Any bond so conditioned must be approved, not only by the Commission, but by the Commissioner of Public Lands, in his capacity as such.

(f) Bonds conditioned to protect surface owners as aforesaid shall cover liability incurred during the entire period of oil and gas operations by the principal on the lands involved.

(g) The Commission will in writing advise the principal and sureties on any bond as to whether the plugging is approved, in order that, if the plugging is approved, liability under such bond may be formally terminated.

(h) The Secretary of the Commission is vested with power to act for the Commission as to all matters within this rule.

RULE 102. NOTICE OF INTENTION TO DRILL

Prior to the commencement of operations, notice shall be delivered to the Commission of intention to drill any well for oil or gas and approval obtained on Form C-101.

RULE 103. SIGN ON WELLS

Every drilling and producible well shall be identified by a sign, posted on the derrick or not more than 20 feet from such well, and such signs shall be of durable construction and the lettering thereon shall be kept in a legible condition and shall be large enough to be legible under normal conditions at a distance of 50 feet. The wells on each lease or property shall be numbered in non-repetitive, logical and distinctive sequence. Each sign shall show the number of the well, the name of the lease (which shall be different or distinctive for each lease), the name of the lessee, owner or operator, and the location by quarter section, township and range.

RULE 104. WELL SPACING: ACREAGE REQUIREMENTS FOR DRILLING TRACTS

(a) Any well which is to be drilled a distance of one mile or more from another well which has produced oil or gas from the formation to which the proposed well is projected, or one mile or more from the outer boundary of any defined pool which has produced oil or gas from the formation to which the proposed well is projected, shall be classified as a wildcat well. Any well which is to be drilled less than one mile from the outer boundary of a defined oil or gas pool which has produced oil or gas from the formation to which the proposed well is projected shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in the nearest such pool, provided that the well is completed in the formation to which it was projected. Provided further, that any well completed in a formation other than the one to which it was originally projected shall be operated and prorated in accordance with the rules and regulations in effect in the nearest pool within one mile which is producing from the formation in which said well is completed. If there is no designated pool for the aforesaid formation within one mile, the well shall be classified as a wildcat well.

(b) (1) Any well classified as a wildcat shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a quarter-quarter section or lot, being a legal subdivision of the U. S. Public Land Surveys and shall be located not closer than 330 feet to any boundary line of such tract, except as noted in paragraph (2) below.

(2) In San Juan, Rio Arriba, and Sandoval Counties, a wildcat well which is projected to a known gas producing horizon shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the U. S. Public Land Surveys, and shall be located 990 feet from the outer boundaries of the tract, provided however, that a tolerance of plus or minus 200 feet is permissible. Provided further, that no well shall be drilled closer than 130 feet to any quarter-quarter section or subdivision inner boundary. Provided further, that the district supervisor of the Commission shall have authority to grant approval for the spacing of any wildcat well in accordance with paragraph (b), subsection (1) above when such wildcat well is projected to an oil-producing horizon as recognized by the Commission. In the event gas production is encountered in a well which was projected to an oil-producing horizon and which is located according to paragraph (b), subsection (1) above but does not conform to the above-described gas location rule, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of gas can be given. In the event oil production is encountered in a well which was projected to a gas-producing horizon and which is located according to the above-described gas well location rule but does not conform to paragraph (b), subsection (1) above, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of oil can be given.

(c) Each well drilled within a defined oil pool shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal sub-division of the United States Public Land Surveys or on a governmental quarter-quarter section or lot and shall not be drilled closer than 330 feet to any boundary line of such tract or closer than 660 feet to the nearest well drilling to or capable of producing from the same pool.

(d) (1) Each well drilled within a defined gas pool shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the U. S. Public Land Surveys and shall not be drilled closer than 660 feet to any outer boundary line of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary nor closer than 1320 feet to a well drilling to or capable of producing from the same pool, except as noted in paragraph (2) below.

(2) In San Juan, Rio Arriba, and Sandoval Counties, a well drilled within a defined gas pool shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal sub-division of the U. S. Public Land Surveys and shall be located 990 feet from the outer boundaries of the tract, provided however, that a tolerance of plus or minus 200 feet is permissible. Provided further, that no well shall be drilled closer than 130 feet to any quarter-quarter section or subdivision inner boundary.

(e) Notice of Intention to Drill (C-101) for any well shall designate the exact legal subdivision allotted to the well and no C-101 will be approved by the Commission or any of its agents without proper designation of acreage.

(f) The Secretary of the Commission shall have authority to grant an exception to the well location requirements of (b), (c), and (d) above without notice and hearing where application has been filed in due form and

1. The necessity for the unorthodox location is based on topographical conditions, and

2. (a) The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, except in San Juan, Rio Arriba, and Sandoval Counties, where the radius shall be 790 feet from the proposed location, or

   (b) All owners of oil and gas leases within such radius consent in writing to the proposed location.

   (c) In lieu of paragraph 2 (b) of this rule the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to drill an unorthodox location. The Secretary-Director of the Commission may approve the application if, after a period of twenty days following the mailing of said notice, no operator has made objection to the drilling of the unorthodox location.

(g) Whenever an exception is granted, the Commission may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.

(h) If the drilling tract is within an allocated oil pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 39½ acres or more than 40½ acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 40.

(i) If the drilling tract is within an allocated gas pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 158 acres or more than 162 acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 160.

(j) In computing acreage under (h) and (i) above, minor fractions of an acre shall not be counted but ½ acre or more shall count as 1 acre.

(k) The provisions of (h) and (i) above shall apply only to wells completed after January 1, 1950. Nothing herein contained shall affect in any manner any well completed prior to the effective date of this rule and no adjustments shall be made in the allowable production for any such wells by reason of these rules.

(l) In order to prevent waste the Commission may, after notice and hearing, fix different spacing requirements and require greater acreage for drilling tracts in any defined oil pool or in any defined gas pool notwithstanding the provisions of (b) and (c) above.

(m) The Commission may approve the pooling for communitization of fractional lots of 20.49 acres or less with another oil proration unit when:

1. The units involved are contiguous;

2. Part of the same basic lease, carrying the same royalty interest; and

3. The ownership of the units involved is common.

Application to the Commission for pooling shall be accompanied by three (3) copies of a certified plat showing the dimensions and acreage involved in the pooling, the ownership of all leases and royalty interests involved, and the location of any proposed wells.

Applicants shall furnish all operators who directly offset the units involved with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all offset operators have been properly notified. In this instance, offset operators shall include only those operators who have offset properties within the State of New Mexico. The Commission shall wait at least ten (10) days before approving any such pooling, and shall approve such pooling only in the absence of objection from any offset operator. In the event that an operator objects to the pooling, the Commission shall consider the matter only after proper notice and hearing.

The Commission may waive the ten-day waiting period requirement if the applicant furnishes the Commission with the written consent to the pooling by all offset operators involved.

The Commission may consider that the requirements of subparagraphs 2 and 3 of Paragraph (m) of this rule have been fulfilled if the applicant furnishes with each copy of each application tc the Commission a copy of an executed pooling agreement communitizing the units involved.

Each well drilled on any communitized tract shall be located in the approximate geographical center of the combined units with a tolerance of 150 feet for topographical conditions, but in any event shall not be located closer than 330 feet to the outer boundaries of the proposed proration unit or communitized tract.

RULE 105. PIT FOR CLAY, SHALE AND DRILL CUTTINGS

In order to assure a supply of proper material for mud-laden fluid to confine oil, gas, or water to their native strata during the drilling of any well, operators shall provide before drilling is commenced an adequate pit for the accumulation of drill cuttings.

RULE 106. SEALING OFF STRATA

(a) During the drilling of any oil or natural gas well, all oil, gas, and water strata above the producing horizon shall be sealed or separated in order to prevent their contents from passing into other strata.

(b) All fresh waters and waters of present or probable value for domestic, commercial or stock purposes shall be confined to their respective strata and shall be adequately protected by methods approved by the Commission. Special precautions by methods satisfactory to the Commission shall be taken in drilling and abandoning wells to guard against any loss of artesian water from the strata in which it occurs, and the contamination of artesian water by objectionable water, oil or gas.

(c) All water shall be shut off and excluded from the various oil and gas bearing strata which are penetrated. Water shut-offs shall ordinarily be made by cementing casing.

RULE 107. CASING AND TUBING REQUIREMENTS

(a) All wells drilled for oil or natural gas shall be completed with a string of casing which shall be properly cemented at a sufficient depth to protect adequately the oil or natural gas bearing strata to be produced. In addition thereto, such other casing and cement shall be used as necessary in order to seal off all oil, gas, and water strata which may be encountered in the well, except the interval (s) to be produced.

Sufficient cement shall be used on surface casing to fill the annular space back of the casing to the top of the hole, provided however, that authorized field personnel of the Commission may, at their discretion, allow deviations from the foregoing requirement when known conditions in a given area render the same impracticable.

All cementing shall be by pump and plug method unless some other method is expressly authorized by the Commission.

All casing strings shall be tested and proved satisfactory as provided in paragraph (c) below.

(b) After cementing, but before commencing tests required in paragraph (c) below, all casing strings shall stand cemented in accordance with Option 1 or Option 2 below. Regardless of which option is taken, the casing shall remain stationary and under pressure for at least eight hours after the cement has been placed. Casing shall be considered to be "under pressure" if some acceptable means of holding pressure is used or if one or more float valves are employed to hold the cement in place.

OPTION 1.

Allow all casing strings to stand cemented a minimum of eighteen (18) hours prior to commencing tests. Operators using this option shall report on Form C-103 the actual time the cement was in place before initiating tests.

OPTION 2.

(May be used in the Counties of San Juan, Rio Arriba, McKinley, Sandoval, Lea, Eddy, Chaves, and Roosevelt only.) Allow all casing strings to stand cemented until the cement has reached a compressive strength of at least 500 pounds per square inch in the "zone of interest" before commencing tests, provided however, that no tests shall be commenced until the cement has been in place for at least eight (8) hours.

The "zone of interest" for surface and intermediate casing strings shall be the bottom 20 percent of the casing string, but shall be no more than 1000 feet nor less than 300 feet of the bottom part of the casing unless the casing is set at less than 300 feet. The "zone of interest" for production casing strings shall include the interval or intervals where immediate completion is contemplated.

To determine that a minimum compressive strength of 500 pounds per square inch has been attained, operators shall use the typical performance data for the particular cement mix used in the well, at the minimum temperature indicated for the zone of

interest by Figure 107-A, Temperature Gradient Curves. Typical performance data used shall be that data furnished by the cement manufacturer or by a competent materials testing agency, as determined in accordance with the latest edition of API Code RP 10 B "Recommended Practice for Testing Oil-Well Cements."

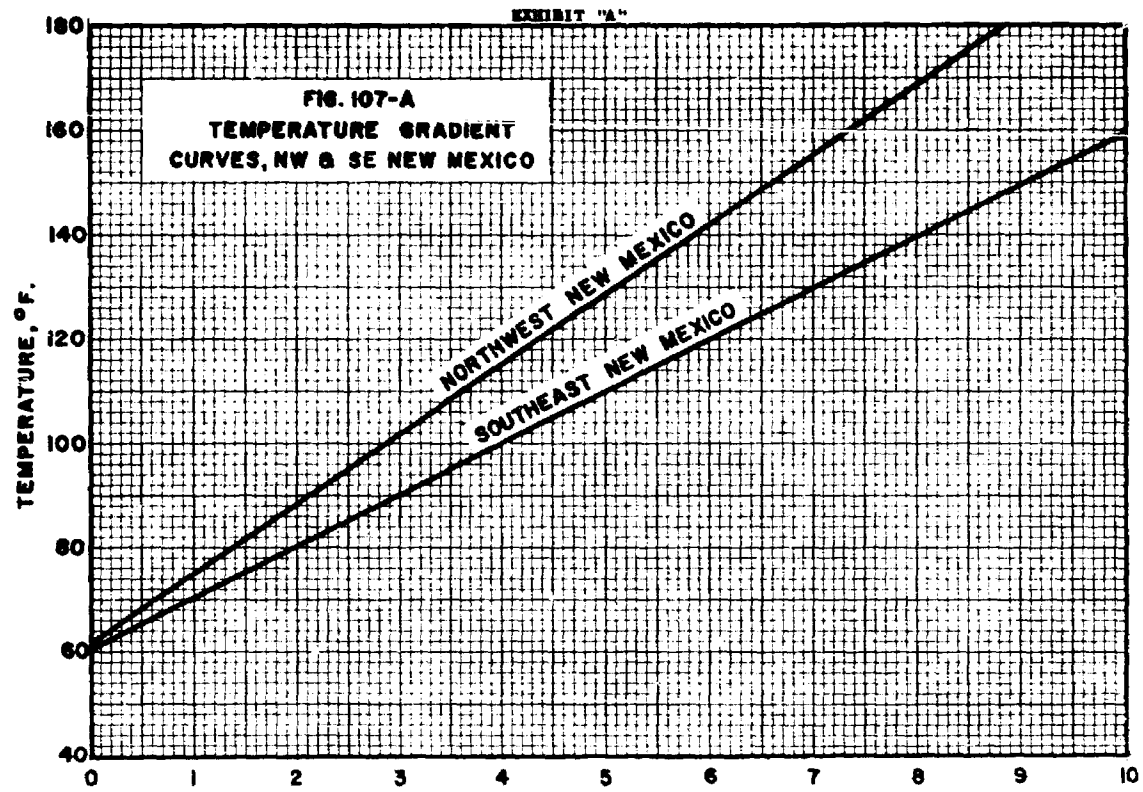


Figure 107-A

Operators using the compressive strength criterion (Option 2) shall report the following information on Form C-103:

(1) Volume of cement slurry (cubic feet).
(2) Brand name of cement and additives, percent additives used, and sequence of placement if more than one type cement slurry is used.
(3) Approximate temperature of cement slurry when mixed.
(4) Estimated minimum formation temperature in zone of interest.
(5) Estimate of cement strenght at time of testing.
(6) Actual time cement in place prior to starting casing test.

(c) All casing strings except conductor pipe shall be tested after cementing and before commencing any other operations on the well. Form C-103 shall be filed for each casing string reporting the grade and weight of pipe used. In the case of combination strings utilizing pipe of varied grades or weights, the footage of each grade and weight used shall be reported. The results of the casing test, including actual pressure held on pipe and the pressure drop observed shall also be reported on the same Form C-103.

(1) Casing strings in wells drilled with rotary tools shall be pressure tested. Minimum casing test pressure shall be approximately one-third of the manufacturer's rated internal yield pressure except that the test pressure shall not be less than 600 pounds per square inch and need not be greater than 1500 pounds per square inch. In cases where combination strings are involved, the above test pressures shall apply to the lowest pressure rated casing used. Test pressures shall be applied for a period of 30 minutes. If a drop of more than 10 percent of the test pressure should occur, the casing shall be considered defective and corrective measures shall be applied.

(2) Casing strings in wells drilled with cable tools may be tested as outlined in sub-paragraph (c) (1) above, or by bailing the well dry in which case the hole must remain satisfactorily dry for a period of at least one (1) hour before commencing any further operations on the well.

(d) (1) All flowing oil wells equipped with casing larger in size than 2-7/8 inch OD shall be tubed.

(2) All gas wells equipped with casing larger in size than 2-7/8 inch OD shall be tubed.

(3) Tubing shall be set as near the bottom as practical and tubing perforations shall not be more than 250 feet above the top of the pay.

(4) The Secretary-Director of the Commission may, upon proper application, grant administrative exceptions to the provisions of subparagraphs (2) and (3) above, without notice and hearing, provided waste will not be caused thereby.

(e) The Commission's District Supervisors or their representatives shall have authority to approve tubingless completions without the necessity of administrative approval or notice and hearing when the following conditions exist:

(1) The well is to be completed with a total depth of 5,000 feet or less,

(2) The well is not a wildcat (it is not more than one mile from an existing well producing from the same common source of supply to which it is projected),

(3) No known corrosive or pressure problems exist which might make the tubingless method of completion undesirable,

(4) The well will not be a dual completion,

(5) The tubing used as a substitute for casing will be either 2 3/8-inch OD or 2 7/8-inch OD.

RULE 108. DEFECTIVE CASING OR CEMENTING

In any well that appears to have a defective casing program or faultily cemented or corroded casing which will permit or may create underground waste, the operator shall proceed with diligence to use the appropriate method and means to eliminate such hazard

of underground waste. If such hazard of waste cannot be eliminated, the well shall be properly plugged and abandoned.

RULE 109. BLOW-OUT PREVENTION

In drilling in areas where high pressures are likely to exist, all proper and usual precautions shall be taken for keeping the well under control, including the use of blow-out preventers and high pressure fittings attached to properly cemented casing strings.

RULE 110. PULLING OUTSIDE STRINGS OF CASING

In pulling outside strings of casing from any oil or gas well, the space outside the casing left in the hole shall be kept and left full of mud-laden fluid or cement of adequate specific gravity to seal off all fresh and salt water strata and any strata bearing oil or gas not producing.

RULE 111. DEVIATION TESTS AND DIRECTIONAL DRILLING

(a) Any well which is drilled or deepended with rotary tools shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104, Request for Allowable. When the deviation average more than five degrees in any 500-foot interval, the Secretary-Director of the Commission may require that a directional survey be run to establish the location of the producing interval (s).

The Secretary-Director of the Commission, at the request of an offset operator, may require any operator to make a directional survey of any well. Said directional survey and all associated costs shall be at the expense of the requesting party and shall be secured in advance by a $5,000.00 indemnity bond posted with and approved by the Commission. The requesting party may designate the well survey company, and said survey shall be witnessed by the Commission.

(b) No well shall be intentionally deviated without special permission from the Commission. Permission to deviate toward the vertical to straighten a crooked hole, to deviate toward the vertical or in an indeterminate direction to sidetrack junk in the hole, or to drill a relief well to control a blow-out shall be obtained from the appropriate District Office of the Commission on Commission Form C-102 with copies of said Form C-102 being furnished to all offset operators. Permission to deviate a well in any other manner of for any other reason will be granted only after notice and hearing. Upon request from the Secretary-Director of the Commission, any well which was deviated in an indeterminate direction or toward the vertical shall be directionally surveyed. In addition, a directional survey of the entire well bore must be made on any well which was deviated in a predetermined direction, except toward the vertical. The District Office of the Commission shall be notified of the approximate time all directional surveys are to be conducted. All directional surveys run on any well which was intentionally deviated in any manner for any reason must be filed with the Commission upon completion of the well. The Commission will not assign an allowable to a well until the operator has submitted an affidavit that all such directional surveys have been filed.

RULE 112-A - MULTIPLE COMPLETIONS

I. The multiple completion of any well may be permitted only by order of the Commission after notice and hearing, except as hereinafter provided. Multiple completion

of any well without prior approval by the Commission shall be solely at the operator's risk and shall in no way commit the Commission to subsequent approval thereof.

II. MULTIPLE COMPLETIONS (CONVENTIONAL)

The Secretary-Director of the Commission shall have the authority to grant an exception to the requirements of Rule 112-A (I) and approve the dual or triple completion of a well to produce from more than one common source of supply without notice and hearing when application for such approval has been filed in due form; and

(a) The Commission has previously authorized the similar multiple completion of a well in the same common sources of supply as proposed, after notice and hearing; provided however, that in Rio Arriba, San Juan, Sandoval, and McKinley Counties, a proposed multiple completion may be approved if the Commission has previously authorized the similar multiple completion of a well in the same formations as proposed, after notice and hearing; and

(b) The applicant proposes to utilize one of the mechanical installations described below:

1. The well is to be completed as a gas-gas dual or as a gas-gas-gas triple and the hydrocarbons from each of the zones can be safely and efficiently produced through parallel strings of tubing or a combination of tubing string (s) and the tubing-casing annulus.

2. The well is to be completed as an oil-oil dual or as an oil-oil-oil triple and the hydrocarbons from each of the zones can be safely and efficiently produced through parallel strings of tubing.

3. The well is to be completed as a combination oil and gas multiple completion and the hydrocarbons from each oil zone can be safely and efficiently produced through parallel strings of tubing and the hydrocarbons from each gas zone can be safely and efficiently produced through parallel string (s) of tubing or through a combination of tubing and the tubing-casing annulus; and

(c) All strings of tubing used for the production of oil in the proposed multiple completion will have a nominal inside diameter of not less than 1.670 inches nor greater than 2.50 inches; and

(d) The packer (s) used to segregate the separate zones of the multiple completion will be production-type packer (s) and shall effectively prevent communication between all producing zones.

III. MULTIPLE COMPLETIONS (TUBINGLESS AND COMBINATION)

The Secretary-Director of the Commission shall have the authority to grant an exception to the requirements of Rule 112-A(I)and approve the multiple completion of a well without notice and hearing where application has been filed in due form; and

(a) The Commission has previously authorized the similar multiple completion of a well in the same common sources of supply as proposed, after notice and hearing; provided however, that in Rio Arriba, San Juan, Sandoval, and McKinley Counties, a proposed multiple completion may be approved if the Commission has previously authorized the similar multiple completion of a well in the same formations after notice and hearing; and

(b) The applicant proposes to employ one of the following methods of completion:

1. Multiple Completion (Tubingless) Utilizing two or more small diameter casing strings (2.875 inches OD or less), one to each common source of supply, all cemented in a common well-bore.

2. Multiple Completion (Combination) utilizing a combination of small diameter (2.875 inches OD or less) and conventional diameter (greater than 2.875 inches) casing strings, all cemented in a common well-bore. Provided however, that if any conventional diameter casing in said multiple completion is used for the production of more than one common source of supply, the rules pertaining to Multiple Completions (Conventional) in Rule 112-A (II) above shall also apply; and

(c) Sufficient cement will be used in said multiple completion to extend throughout each pay and a minimum of 100 feet above; and

(d) Centralizers and/or turbolizers will be installed on each joint of casing throughout each pay and on a minimum of three joints above; and

(e) Directional perforating equipment will be used in perforating all intervals in any casing string in said multiple completion which intervals are in a zone through which one or more casing strings pass.

(f) The requirements of paragraphs (c) and (d) may be modified for multiple completions within given common sources of supply and within a given area if, in the opinion of the Secretary-Director, circumstances warrant such modification.

IV. ADMINISTRATIVE PROCEDURE

Application for administrative approval of a multiple completion shall be made in quadruplicate, with two copies of the application to be mailed to the

Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on the Commission Form entitled, "Application for Multiple Completion," and shall be accompanied by the following:

(a) Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location of packers, side door chokes, and such other information as may be pertinent.

(b) Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

(c) Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.

(d) Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as hereinafter provided.)

The Secretary-Director may approve the multiple completion if, after a period of 20 days following the filing of the application, no operator has filed objection to the proposed multiple completion.

V. Application for public hearing to authorize a multiple completion shall be made in triplicate to the Commission's Santa Fe office. Application shall be made on the Commission Form entitled "Application for Multiple Completion," and shall set forth all material facts relative to the common sources of supply involved and the manner and method of completion proposed. Application shall be accompanied by an exhibit showing the location of all wells on applicant's lease and all offset wells on offset leases.

VI. All multiple completions, whether approved after hearing or by administrative procedure, shall be subject to the following rules:

(a) Prior to actual multiple completion of a well, operator shall make adequate pressure tests of the casing to determine that no casing leaks exist. Results of casing tests shall be reported to the Commission on Form C-103.

(b) The well shall be completed and thereafter produced in such a manner that there will be no commingling of hydrocarbons from the separate strata.

(c) The operator shall commence a segregation test and/or packer-leakage test not later than seven (7) days after actual multiple completion of the well. Segregation tests and/or packer-leakage tests shall also be made any time the packer is disturbed and at such other intervals as the Commission may prescribe. The operator shall also make all other tests and determinations deemed necessary by the Commission. The Commission shall be notified of the time such tests are to be commenced and tests may be witnessed by the Commission at its election. Representatives of offset operators may witness such tests at their election and shall advise the producer in writing if they desire to be notified when such tests are to be conducted. Results of such tests shall be filed with the Commission within fifteen (15) days after the completion of tests; provided, however, that in the event a segregation test or packer-leakage test indicates that there is communication between the separate strata, the operator shall immediately notify the Commission and commence remedial action on the well.

(d) A packer setting affidavit shall accompany the report of the initial segregation test and packer leakage test, if applicable.

(e) The well shall be so equipped that reservoir pressures may be determined for each of the separate strata and further be so equipped that meters may be installed and the gas, oil and gas, and oil produced from each of the separate strata may be accurately measured, and the gas-oil ratio or the gas-liquid ratio thereof determined.

(f) Within 15 days after the completion of the well, the operator shall furnish the Commission with a diagrammatic sketch of the mechanical installation which was actually used in completing the well together with a report of the gravity, gas-oil ratio or gas-liquid ratio, and reservoir pressure for each of the separate zones, and the log of the well if the same has not been previously submitted.

RULE 112-B. BRADENHEAD GAS WELLS

(a) The production of gas from a Bradenhead gas well may be permitted only by order of the Commission upon hearing, except as noted by the provisions of paragraph (c) of this rule.

(b) The application for such hearings shall be submitted in triplicate and shall include an exhibit showing the location of all wells on applicant's lease and all offset wells on offset leases, together with a diagrammatic sketch showing the casing program, formation tops, estimated top of cement on each casing string run and any other pertinent data, including drill stem tests.

(c) The Secretary of the Commission shall have authority to grant an exception to the requirements of Paragraph (a) above without notice and hearing where application has been filed in due form, and when the lowermost producing zone involved in the completion is an oil or gas producing zone within the defined limits of an oil or gas pool and the producing zone to be produced through the Brandenhead connection is a gas producing zone within the defined limits of a gas pool.

Applicants shall furnish all operators who offset the lease upon which the subject well is located a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all offset operators have been properly notified. The Secretary of the Commission shall wait at least 10 days before approving the production of gas from the Bradenhead gas well, and shall approve such production only in the absence of objection from any offset operator. In the event an operator objects to the completion the Commission shall consider the matter only after proper notice and hearing.

The Commission may waive the 10-day waiting period requirement if the applicant furnishes the Commission with the written consent to the production of gas from the Bradenhead connection by all offset operators involved.

This rule shall apply only to wells hereinafter completed as Bradenhead gas wells.

RULE 113. SHOOTING AND CHEMICAL TREATMENT OF WELLS

If injury results to the producing formation, casing or casing seat from shooting or treating a well, the operator shall proceed with diligence to use the appropriate method and means for rectifying such damage. If shooting or chemical treating results in irreparable injury to the well the Commission may require the operator to properly plug and abandon the well.

RULE 114. SAFETY REGULATIONS

(a) All oil wells shall be cleaned into a pit or tank, not less than 40 feet from the derrick floor and 150 feet from any fire hazard. All flowing oil wells must be produced through an oil and gas separator of ample capacity and in good working order. No boiler or portable electric lighting generator shall be placed or remain nearer than 150 feet to any producing well or oil tank. Any rubbish or debris that might constitute a fire hazard shall be removed to a distance of at least 150 feet from the vicinity of wells and tanks. All waste shall be burned or disposed of in such manner as to avoid creating a fire hazard.

(b) When coming out of the hole with drill pipe, drilling fluid shall be circulated until equalized and subsequently drilling fluid level shall be maintained at a height sufficient to control subsurface pressures. During course of drilling blowout preventers shall be tested at least once each 8 hour period.

RULE 115. WELL AND LEASE EQUIPMENT

Christmas tree fittings or wellhead connections shall be installed and maintained in first class condition so that all necessary pressure tests may easily be made on flowing wells. On oil wells the Christmas tree fittings shall have a test pressure rating at least equivalent to the calculated or known pressure in the reservoir from which production is expected. On gas wells the Christmas tree fittings shall have a test pressure equivalent to at least 150 per cent of the calculated or known pressure in the reservoir from which production is expected.

Valves shall be installed and maintained in good working order to permit pressures to be obtained on both casing and tubing. Each flowing well shall be equipped to control properly the flowing of each well, and in the case of an oil well, shall be produced into an oil and gas separator of a type generally used in the industry.

RULE 116. NOTIFICATION OF FIRE, BREAKS, LEAKS OR BLOWOUTS

All persons controlling or operating any oil or gas well or pipe line, or receiving tank, storage tank, or receiving and storage receptacle into which crude oil is produced, received or stored, or through which oil is piped or transported, shall immediately notify the Commission by letter giving full details concerning all fires which occur at such oil or gas well or tank or receptacle on their property, and all such persons shall immediately report all tanks or receptacles struck by lightning and any other fire which destorys oil or gas, and shall immediately report any breaks or leaks in or from tanks or receptacles and pipe lines from which oil or gas is escaping or has escaped. In all such reports of fires, breaks, leaks or escapes, or other accidents of this nature, the location of the well, tank, receptacle, or line break shall be given by Section, Township, Range and property, so that the exact location thereof can be readily located on the ground. Such report shall likewise specify what steps have been taken or are in progress to remedy the situation reported, and shall detail the quantity of oil or gas lost, destroyed or permitted to escape. In case any tank or receptacle is permitted to run over, the amount running over shall be reported as in the case of a leak. The report hereby required as to oil losses shall be necessary only in case such losses exceed 100 barrels in the aggregate during any proration period.

RULE 117. WELL LOG, COMPLETION AND WORKOVER REPORTS

Within 20 days after the completion of a well drilled for oil or gas, or the recompletion of a well into a different common source of supply, a completion report shall be filed with the Commission on Form C-105. For the purpose of this rule, any hole drilled or cored below fresh water or which penetrates oil or gas-bearing formations or which is drilled by an "owner" as defined herein shall be presumed to be a well drilled for oil or gas.

D - ABANDONMENT AND PLUGGING OF WELLS

RULE 201. NOTICE

Notice of intention to plug must be filed with the Commission by the owner or his agent prior to the commencement of plugging operations on Form C-1C2, which notice shall state the anme and location of the well and the name of the operator. In the case of a newly completed dry hole, the operator may commence plugging by securing the approval of the Commission as to the method of plugging and the time plugging operations are to begin. He shall, however, file the regular notification form.

RULE 202. METHOD OF PLUGGING

(a) Before any well is abandoned, it shall be plugged in a manner which will permanently confine all oil, gas, and water in the separate strata originally containing them. This operation shall be accomplished by the use of mud-laden fluid, cement and plugs, used singly or in combination as may be approved by the Commission. The exact location of abandoned wells shall be shown by a steel marker at least four inches in diameter set in concrete and extending at least four feet above mean ground level. The name and number of the well and its location (unit letter, section, township, and range) shall be welded, stamped, or otherwise permanently engraved into the metal of the marker. Seismic, core or other exploratory holes drilled to or below sands containing fresh water shall be plugged and abandoned in accordance with the applicable provisions recited above. Permanent markers are not required on seismic holes.

Within thirty days following the completion of plugging operations on any well, a record of the work done shall be filed with the Commission in TRIPLICATE, on Form C-103. Such report shall be filed by the owner of the well and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission unless such report specifically states that pits have been filled and the location levelled, and cleared of junk. The filing of Form C-105, "Well Record," is also necessary to obtain Commission approval of a plugging report.

It shall be the responsibility of the owner of the plugged well to contact the appropriate District office of the Commission to arrange for an inspection of the plugged well and the location by a Commission representative.

(b) If a well is to be abandoned temporarily and no casing pulled, then a plug shall be placed at the top and bottom of the casing in such manner as to prevent the instrusion of any foreign matter into the well and a record of the work done shall be filed with the Commission in TRIPLICATE on Form C-103 within thirty days following the completion of the temporary plugging operations.

(c) When drilling operations have been suspended for sixty days, the well shall be plugged and abandoned unless a permit for temporary abandonment has been obtained from the Commission.

RULE 203. WELLS TO BE USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well and such

utilization is desired by the landowner, the well need not be filled above a sealing plug set below the fresh water formation, provided that written agreement for such use shall be secured from the landowner and filed with the Commission.

RULE 204. LIABILITY

The owner of any well drilled for oil or gas, or any seismic, core or other exploratory holes, whether cased or uncased, shall be responsible for the plugging thereof.

E - OIL PRODUCTION OPERATING PRACTICES

RULE 301. GAS-OIL RATIO TEST

(a) Each operator shall take a gas-oil ratio test nor sooner than 30 days nor later than 60 days following the completion or recompletion of an oil well, provided that (1) the well is a wildcat, or (2) the well is located within a pool not exempted from the requirements of this rule. (Wells located within one mile of the outer boundaries of a defined oil pool shall be governed by the provisions of this rule which are applicable to the nearest pool producing from the same formation.) The results of such test shall be reported on Form C-116. The gas oil ratio thus reported shall become effective for proration purposes on the first day of the calendar month following the date they are reported.

Each operator shall also take an annual gas-oil ratio test of each producing oil well, located within a pool not exempted from the requirements of this rule, during a period prescribed by the Commission. A gas-oil ratio survey schedule shall be established by the Commission setting forth the period in which gas-oil ratio tests are to be taken for each pool wherein a test is required. The gas-oil ratio test applicable shall be such test designated by the Commission, made by such method and means, and in such manner as the Commission in its discretion may prescribe from time to time.

(b) The results of gas-oil ratio tests taken during regular survey periods shall be filed with the Commission on Form C-116 not later than the 10th of the month following the close of the survey period for the pool in which the well is located. The gas-oil ratios thus reported shall become effective for proration purposes on the first day of the second month following the close of the survey period. Unless Form C-116 is filed within the required time limit, no further allowable will be assigned the affected well until Form C-116 is filed.

(c) In the case of special tests taken between regular gas-oil ratio surveys, the gas-oil ratio shall become effective for proration purposes upon the date Form C-116; reporting the results of such test, is received by the Proration Department. A special test does not exempt any well from the regular survey.

(d) During gas-oil ratio test, each well shall not be produced at a rate exceeding top unit allowable for the pool in which it is located by more than 25 per cent. No well shall be assigned an allowable greater than the amount of oil produced on official tests during a 24-hour period.

RULE 302. SUBSURFACE PRESSURE TESTS ON NEW POOLS

The operator shall make a subsurface pressure test on the discovery well of any new pool hereafter discovered, and shall report the results thereof to the Commission within 30 days after the completion of such discovery well. On or before December 1st of each calendar year the Commission shall designate the months in which subsurface pressure tests shall be taken in designated pools. Included in the designated list shall be listed the required Shut-in Pressure time and datum of tests to be taken in each pool. In the event a newly discovered pool is not included in the Commission's list the Commission shall issue a supplementary Bottom Hole Pressure Schedule. Tests as designated by the Commission shall only apply to flowing wells in each pool. This test shall be made by a person qualified by both training and experience to make such test, and with an approved subsurface pressure instrument which shall have been calibrated both prior and subsequent to such test against an approved dead-weight tester,

Provided the prior and subsequent calibrations agree within one percent, the accuracy of the instrument shall be considered acceptable. Unless otherwise designated by the Commission all wells shall remain completely shut-in for at least 24 hours prior to the test. In the event a definite datum is not established by the Commission the subsurface determination shall be obtained as close as possible to the mid-point of the productive sand of the reservoir. The report shall be on Form C-124 and shall state the name of the pool, the pool datum (if established), the name of the operator and lease, the well number, the wellhead elevation above sea level, the date of the test, the total time the well was shut-in prior to the test, the subsurface temperature in degrees Fahrenheit at the test depth, the depth in feet at which the subsurface pressure test was made, the observed pressure in pounds per square inch gauge (corrected for calibration and temperature), the corrected pressure computed from applying to the observed pressure the appropriate correction for difference in test depth and reservoir datum plane and any other information as required by Form C-124.

RULE 303. SEGREGATION OF PRODUCTION FROM POOLS.

(a) Each pool shall be produced as a single common source of supply and the wells therein shall be completed, cased, maintained, and operated so as to prevent communication, within the well bore, with any other specific pool or horizon, and the production therefrom shall at all times be actually segregated, and the commingling or confusion of such production, before marketing, with the production from any other pool or pools is strictly prohibited.

(b) The Secretary-Director of the Commission shall have the authority to grant an exception to Rule 303 (a) to permit the commingling in common facilities of the commonly owned production from two or more common sources of supply, without notice and hearing, provided that the liquid hydrocarbon production from each common source of supply is to be accurately measured or determined prior to such commingling in accordance with the applicable provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," then current.

Applications for administrative approval to commingle the production from two or more common sources of supply shall be filed in triplicate with the Santa Fe office of the Commission. The application must contain detailed data as to the gravities of the liquid hydrocarbons, the values thereof, and the volumes of the liquid hydrocarbons from each pool, as well as the expected gravity and value of the commingled liquid hydrocarbon production; a schematic diagram of the proposed installation; a plat showing the location of all wells on the applicant's lease and the pool from which each well is producing. The application shall also state specifically whether the actual commercial value of such commingled production will be less than the sum of the values of the production from each common source of supply and, if so, how much less.

Where State or Federal lands are involved, applicant shall furnish evidence that the Commissioner of Public Lands for the State of New Mexico or the Regional Supervisor of the United States Geological Survey has consented to the proposed commingling.

RULE 304. CONTROL OF MULTIPLE COMPLETED WELLS

Multiple completed wells which have been authorized by the Commission shall at all times be operated, produced and maintained in a manner to insure the complete segregation of the various common sources of supply. The Commission may require such tests as it deems necessary to determine the effectiveness of the segregation of the different common sources of supply.

RULE 305. METERED CASINGHEAD GAS

The owner of a lease shall not be required to measure the exact amount of casinghead gas produced and used by him for fuel purposes in the development and normal operation of the lease. All casinghead gas produced and sold or transported away from a lease, except small amounts of flare gas, shall be metered and reported in standard cubic feet monthly to the Commission. The amount of casinghead gas sold in small quantities for use in the field may be calculated upon a basis generally acceptable in the industry, or upon a basis approved by the Commission in lieu of meter measurements.

RULE 306. VENTED CASINGHEAD GAS

Pending arrangement for disposition for some useful purpose, all vented casinghead gas shall be burned, and the estimated volume reported on Form C-115.

RULE 307. USE OF VACUUM PUMPS

Vacuum pumps or other devices shall not be used for the purpose of creating a partial vacuum in any stratum containing oil or gas.

RULE 308. SALT OR SULPHUR WATER

Operators shall report monthly on Form C-115 the amount or percentage of salt or sulphur water produced with the oil by each well making 2% or more water.

RULE 309-A CENTRAL TANK BATTERIES - AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Oil shall not be transported from a lease until it has been received and measured in a facility of an approved design located on the lease. Such facilities shall permit the testing of each well at reasonable intervals and may be comprised of manually gauged closed stock tanks for which proper strapping tables have been prepared, with a maximum of sixteen proration units producing into said tanks, or of automatic custody transfer (ACT) equipment. The use of such automatic custody transfer equipment shall be permitted only after compliance with the following:

1. The operator shall file with the Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, and shall receive approval thereof prior to transferring oil through the ACT system. The carrier shall not accept delivery of oil through the ACT system until Form C-106 has been approved.

2. Form C-106 shall be submitted in quadruplicate to the appropriate District Office of the Commission and shall be accompanied (in quadruplicate) by the following:

(a) Plat of the lease showing thereon all wells which will be produced into the ACT system.

(b) Schematic diagram of the ACT equipment, showing thereon all major components such as surge tanks and their capacity, extra storage tanks and their capacity, transfer pumps, monitors, reroute valves, treaters, samplers, strainers, air and gas eliminators, back pressure valves, metering device (indicating type and capacity, i. e., whether automatic measuring tank, positive volume metering chamber, weir-type measuring

vessel, or positive displacement meter). Schematic diagram shall also show means employed to prove accuracy of measuring device.

(c) Letter from transporter agreeing to utilization of ACT system as shown on schematic diagram.

3. Form C-106 will not be approved by the Commission unless the ACT system is to be installed and operated in compliance with the following:

(a) Provision must be made for accurate determination and recording of uncorrected volume and applicable temperature, or of temperature corrected volume. The overall accuracy of the system shall equal or surpass manual methods.

(b) Provision must be made for representative sampling of the oil transferred for determination of API gravity and BS&W content.

(c) Provision must be made if required by either the producer or the transporter of the oil to give adequate assurance that only merchantable oil is run by the ACT system.

(d) Provision must be made for set-stop counters to stop the flow of oil through the ACT system at or prior to the time the allowable has been run. All counters shall provide non-reset totalizers which shall be visable for inspection at all times.

(e) All necessary controls and equipment must be enclosed and sealed, or otherwise be so arranged as to provide assurance against, or evidence of, accidental or purposeful mismeasurement resulting from tampering.

(f) All components of the ACT system shall be properly sized to ensure operation within the range of their established ratings. All components of the system which require periodic calibration and/or inspection for proof of continued accuracy must be readily accessible. The frequency and methods of such calibration and/or inspection shall be as set forth in Rule 309-A, 4-c.

(g) The control and recording system must include adequate fail-safe features which will provide assurance against mismeasurement in the event of power failure, or the failure of the ACT system's component parts.

(h) 1. The ACT system and allied facilities shall include such fail-safe equipment as may be necessary, including high level switches in the surge tank or overflow storage tank which, in the event of power failure or malfunction of the ACT or other equipment, will shut down all artificially lifted wells connected to the ACT system and will shut-in all flowing wells at the well-head or at the header manifold, in which latter case all flowlines shall be pressure tested to at least 1½ times the maximum well-head shut-in pressure prior to initial use of the ACT system and each two years thereafter.

2. As an alternative to the requirements of paragraph (h) 1 above, the producer shall provide and shall at all times maintain a minimum of available storage capacity above the normal high working level of the surge tank to receive and hold the amount of oil which may be produced during maximum unattended time of lease operation.

4. (a) In all ACT systems employing automatic measuring tanks, weir-type measuring vessels, positive volume metering chambers, or any other volume measuring container, the container and allied components shall be properly calibrated prior to initial use and shall be operated, maintained, and inspected as necessary to ensure against incrustation, changes in clingage factors, valve leakage or other leakage, and improper action of floats, level detectors, etc.

(b) In all ACT systems employing positive displacement meters, the meter (s) and allied components shall be properly calibrated prior to initial use and shall be operated, maintained, and inspected as necessary to ensure against mismeasurement of oil.

(c) The measuring and recording devices of all ACT systems shall be checked for accuracy at least once each month unless exception to such determination has been obtained from the Secretary-Director of the Commission. API Standard 1101, "Measurement of Petroleum Liquid Hydrocarbons by Positive Displacement Meter," shall be used where applicable. Meters may be proved against Master Meters, Portable Prover Tanks, or Prover Tanks permanently installed on the lease. If permanently installed Prover Tanks are used, the distance between the opening and closing levels and the provision for determining the opening and closing readings shall be sufficient to detect variations of 5/100 of one percent. Reports of determination shall be filed on the Commission Form entitled "Meter Test Report," or on another acceptable form and shall be submitted in duplicate to the appropriate District Office of the Commission.

(d) To obtain exception to the requirement of paragraph (c) above that all measuring and recording devices be checked for accuracy once each month, either the producer or transporter may file such a request with the Secretary-Director of the Commission setting forth all facts pertinent to such exception. The application shall include a history of the average factors previously obtained, both tabulated and plotted on a graph of factors versus time, showing that the particular installation has experienced no erratic drift. The applicant shall also furnish evidence that the other interested party has agreed to such exception. The Secretary-Director may then set the frequency for determination of the system's accuracy at the interval which he deems prudent.

5. Failure to operate an automatic custody transfer system in compliance with this rule shall subject the approval thereof to revocation by the Commission.

RULE 309-B. ADMINISTRATIVE APPROVAL, LEASE COMMINGLING

The Secretary-Director of the Commission shall have authority to grant exceptions to Rule 309-A to permit the commingling of production from two or more separate leases in a common tank battery without notice and hearing, provided application has been filed in triplicate with the Commission and is accompanied by plats of the leases showing thereon the wells on the leases and the formations in which they are completed, and schematic diagrams of the commingling facility, showing it to be of an acceptable design

in accordance with the Commission "Manual for the Installation and Operation of Commingling Facilities," then current, and provided further that:

1. All production is from the same common source of supply or an exception to Rule 303 (a) has been obtained.

2. Adequate facilities will be provided for accurately determining production from each well at reasonable intervals.

3. All parties owning an interest in the leases and the purchaser of the commingled production therefrom have consented in writing to the commingling of production from the separate leases.

4. In lieu of paragraph 3 of this rule, the applicant may furnish proof of the fact that said parties were notified by registered or certified mail of his intent to commingle production from the separate leases. The Secretary-Director may approve the application if, after a period of 20 days following receipt of the application, no party has made objection to the application.

5. In addition to the foregoing requirements for administrative approval to commingle production from two or more separate leases, the following requirements shall also apply:

(a) To commingle production from two or more separate leases in a common tank battery without first separately measuring the production from each such lease, the ownership of the leases must be common throughout. This shall include working interest ownership, royalty ownership and overriding royalty ownership.

(b) To commingle production from two or more separate leases in a common tank battery where there is a diversity of ownership (whether in working interest, royalty interest, or overriding royalty interest) the hydrocarbon production from each lease shall be accurately measured and determined in accordance with the applicable provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities," then current.

RULE 309-C. ADMINISTRATIVE APPROVAL, OFF-LEASE STORAGE

For good cause shown, the Secretary-Director of the Commission shall have authority to grant an exception to Rule 309-A to permit the production from one lease to be transported prior to measurement to another lease for storage thereon, provided an application reflecting ownership of the leases has been filed in triplicate with the Commission and is accompanied by plats of the leases showing thereon the wells on the leases and the formations in which they are completed and the proposed location of the tank battery, and provided further that:

1. All production is from the same common source of supply.

2. Commingling of production from the two leases will not result.

3. There will be no intercommunication of the handling, separating,

treating, or storage facilities designated to each lease.

4. All parties owning an interest in the leases have consented in writing to the off-lease storage.

5. In lieu of paragraph 4 of this rule, the applicant may furnish proof of the fact that said parties were notified by registered or certified mail of his intent to transport prior to measurement the production from one lease to another lease for storage. The Secretary-Director may approve the application if, after a period of 20 days following receipt of the application, no party has made objection to the application.

6. Where State or Federal lands are involved, the applicant shall furnish evidence that the Commissioner of Public Lands for the State of New Mexico or the Regional Supervisor of the United States Geological Survey has consented to the proposed off-lease storage.

RULE 310. OIL TANK AND FIRE WALLS

Oil shall not be stored or retained in earthen reservoirs, or in open receptacles. Dikes or fire walls shall not be required except such fire walls must be erected and kept around all permanent oil tanks, or battery of tanks that are within the corporate limits of any city, town, or village, or where such tanks are closer than 150 feet to any producing oil or gas well or 500 feet to any highway or inhabited dwelling or closer than 1000 feet to any school or church; or where such tanks are so located as to be deemed an objectionable hazard within the discretion of the Commission. Where fire walls are required, fire walls shall form a reservoir having a capacity one-third larger than the capacity of the enclosed tank or tanks.

RULE 311. SEDIMENT OIL

(a) "Sediment oil" is defined as tank bottoms and any other accumulations of liquid hydrocarbons on an oil and gas lease, which hydrocarbons are not merchantable through normal channels.

(b) No sediment oil shall be burned or otherwide destroyed unless and until the Commission has approved an application to destroy the same on Form C-117-A (sediment oil destruction permit). Unless the authorization to burn sediment oil is utilized within ten (10) days after approval of the Form C-117-A, such authorization is automatically revoked. However the District Supervisor may approve one ten (10) day extension in writing for good cause shown. No sediment oil destruction permit shall be required when the sediment oil is put to beneficial use on the originating lease for purposes of oiling lease roads, fire walls, tank grades, or other similar purposes.

(c) When sediment oil is to be removed from a lease for reclamation the person removing such sediment oil shall obtain a permit (Form C-117-B) from the appropriate District Office of the Commission prior to removal of the oil from the lease. Any merchantable oil recovered from sediment oil shall be charged against the allowable for the wells on the originating lease. All such recovered oil shall be reported by the operator of the lease on Form C-115 (Operator's Monthly Report). Nothing contained in paragraph (c) of this Rule shall apply to reclaiming of pipeline break oil or the treating of tank bottoms occurring at a pipeline station, crude oil storage terminal, or refinery, to the treating by a gasoline plant operator of oil and other catchings collected in traps and drips in the gas gathering lines connected to gasoline plants and in

scrubbers at such plants, nor to the treating or reclamation of oil and other cathings collected in community salt water disposal systems.

RULE 312. TREATING PLANTS

No treating plant shall operate except in conformity with the following provisions:

(a) Prior to the construction of a treating plant, a written application shall be filed for a treating plant permit stating in detail the location and type and capacity of the plant contemplated. The Commission, in not less than 30 days, will set such application for hearing to determine whether the proposed plant and method of processing will efficiently process, treat, and reclaim sediment oil. Before beginning actual operations, the permittee shall file with the Commission a performance bond in the amount of $10,000.00, conditioned upon substantial compliance with applicable statutes of the State of New Mexico and all rules, regulations, and orders of the Oil Conservation Commission of New Mexico.

(b) Such permit shall entitle the treating plant operator to an approved Certificate of Compliance and Authorization to Transport Oil, Commission Form ~~C-110~~, for the total amount of products secured from sediment oils processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause.

(c) All treating plant operators shall, on or before the 25th day of each calendar month, file at the appropriate District Office, a monthly report on Commission Form C-118, which report shall support the Commission Form ~~C-110~~ for the net oil recovered and sold during the preceding month.

The operator of each lease from which sediment oil is removed for reclamation shall be promptly notified by the treating plant operator of the amount of pipeline oil recovered therefrom. In the event sediment oil from two or more separate leases is to be commingled prior to treating, the treating plant operator shall determine the amount of pipeline oil attributable to each lease by testing a representative sample of the sediment oil from said lease in accordance with the standard centrifugal test prescribed by the API Code for Measuring, Sampling, and Testing Crude Oil, Number 25, Section 5.

RULE 313. EMULSION, BASIC SEDIMENTS, AND TANK BOTTOMS

Wells producing oil shall be operated in such a manner as will reduce as much as practicable the formation of emulsion and basic sediments. These substances and tank bottoms shall not be allowed to pollute streams or cause surface damage. If tank bottoms are removed to surface pits, the pits shall be fenced and the fence shall be kept in good repair.

RULE 314. GATHERING, TRANSPORTING AND SALE OF DRIP

(a) "Drip" is defined as any liquid hydrocarbon incidentally accumulating in a gas gathering or transportation system.

(b) The waste of drip is hereby prohibited when it is economically feasible to salvage the same.

(c) The movement and sale of drip is hereby authorized, provided the provisions of this Rule are complied with.

(d) No drip shall be transported nor sold until the gas transporter has filed Commission Form ~~C-110~~ designating the drip transporter authorized to remove the drip from its gas gathering or transportation system.

(e) Every person transporting drip within the State of New Mexico shall file Commission Form C-112 each month, showing the amount, source, and disposition of all drip handled during the reporting period, and such other reports as may hereafter be required by the Commission.

(f) Prior to commencement of operations, every person transporting drip directly from a gas gathering or transportation system shall file with the Commission plats drawn to scale, locating and identifying each drip trap which he is authorized to service.

(g) Every person transporting drip directly from a gas gathering or transportation system shall keep a record of daily acquisitions from each drip trap which he is authorized to service, which records shall be made available at all reasonable times for inspection by the Commission or its authorized representatives.

(h) Every gas transporter in the State of New Mexico shall, on or before the first day of November of each year, file with the Commission maps of its entire gas gathering and transportation systems within the State of New Mexico, locating and indentifying thereon each drip trap in said systems, said maps to be accompanied by a report, on a form prescribed by the Commission, showing the disposition being made of the drip from each of said drip traps.

F - NATURAL GAS PRODUCTION OPERATING PRACTICE

RULE 401. METHOD OF DETERMINING NATURAL GAS WELL POTENTIAL

All operators shall conduct tests to determine the daily open flow potential volumes of all natural gas wells from which gas is being used or marketed. Such tests shall be reported on forms prescribed by the Commission within 60 days after: (1) the date of initial connection of the well to a gas transportation facility and (2) the date of reconnection following workover.

To establish comparable open flow capacity, wells shall be tested in accordance with the New Mexico Oil Conservation Commission "Manual for Back-Pressure Test for Natural Gas Wells." In the event the Commission approves an alternate method for testing, all wells producing from a common source of supply shall be tested in a uniform and comparable manner.

RULE 402. METHOD AND TIME OF SHUT-IN PRESSURE TESTS

(a) Shut-in pressure tests shall be taken on all natural gas wells annually. Such tests shall be taken by the operator of the well during the month of July, August, or September unless otherwise specified by special pool rules or special directive. Tests shall be reported to the appropriate District Office of the Commission on Form C-125 not later than October 15 of the same year.

(b) Shut-in pressures shall be taken with a dead weight gauge after a minimum shut-in period of 24 hours. When the shut-in period exceeds 24 hours, the length of time the well was shut in shall be reported to the Commission.

(c) The Secretary-Director of the Commission may prescribe special shut-in pressure test periods and procedures for pools when he deems the same necessary in order to obtain more accurate pressure data.

RULE 403. NATURAL GAS FROM GAS WELLS TO BE MEASURED

All natural gas produced shall be accounted for by metering or other method approved by the Commission and reported to the Commission by common purchaser of the gas. Gas produced from a gas well and delivered to a gas transportation facility shall be reported by the owner or operator of the gas transportation facility. Gas produced from a gas well and required to be reported under this rule, which is not delivered to and reported by a gas transportation facility, shall be reported by the operator of the well.

RULE 404. NATURAL GAS UTILIZATION

(a) After the completion of a natural gas well, no gas from such well shall be (1) permitted to escape to the air, (2) used expansively in engines or pumps and then vented, or (3) used to gas-lift wells unless all gas produced is processed in a gasoline plant, used in the manufacture of carbon black, or beneficially used thereafter without waste.

(b) Carbon black plants may utilize natural gas only in those instances in which all casinghead gas and residue gas produced in the vicinity of or which may reason-

ably be reached from the carbon black plant, is being used benefically.

(c) Any carbon black plant hereinafter constructed, or any existing carbon black plant which enlarges or expands its facilities for the manufacturer of carbon black, may utilize natural gas in the manufacture of carbon black only after permission of the Commission is obtained upon due notice and hearing.

RULE 405. STORAGE GAS

With the exception of the requirement to meter and report monthly the amount of gas injected and the amount of gas withdrawn from storage in the absence of waste these rules and regulations shall not apply to gas being injected into or removed from storage.

RULE 406. CARBON DIOXIDE

(a) Insofar as is applicable, the statewide regulations relating to gas, natural gas, gas wells, gas reservoirs, shall also apply to carbon dioxide, carbon dioxide wells, and carbon dioxide reservoirs.

(b) Copies of rules and regulations particularly affecting carbon dioxide gas fields, insofar as they may vary from these general rules and regulations for oil and natural gas, may be obtained from the Commission office in Santa Fe.

G - OIL PRORATION AND ALLOCATION

RULE 501. REGULATION OF OIL POOLS

(a) To prevent waste, the Commission shall prorate and distribute the allowable production among the producers in a pool upon a reasonable basis and recognizing correlative rights.

(b) After notice and hearing, the Commission, in order to prevent waste and protect correlative rights; may promulgate special rules, regulations or orders pertaining to any pool.

RULE 502. RATE OF PRODUCING WELLS

I. Daily Tolerance

(a) It is recognized that oil wells located on units capable of producing their allowables may overproduce one day and underproduce another. No unit capable of producing its allowable, except for the purpose of testing, in the process of completing or recompleting a well, or for tests made for the purpose of obtaining scientific data, shall produce any day more than 125% of the daily top unit allowable for the pool in which the same is located. (Subject to the foregoing, any underproduction may be made up by production from the same unit within the same month, and in like manner any overproduction shall be adjusted or balanced by underproduction from the same unit, within the same proration period.)

(b) It is also recognized that certain wells must, as a matter of practicality, be produced at daily rates in excess of 125% of the daily top unit allowable for the pool in which such wells are located. The Secretary of the Commission is hereby given authority to grant exceptions to the provisions of paragraph (a) above, without formal hearing, where application is filed in due form setting out the reasons for such requested exception; applicants for such exceptions shall, at the time of filing, also furnish each operator in the pool in which the subject well is located, a copy of such application. Included in any application for exception or attached thereto, filed under authority hereof, shall be a formal written statement by the applicant that every operator in the pool in which the subject well is located has been served with a copy of such application. The Secretary of the Commission shall wait at least ten (10) days after receipt, before approving any such application, and shall approve the same only in absence of objection from any operator or interested party, or in his discretion. In event the Secretary for any reason fails to approve such application, the Commission after notice will hear and determine the matter.

II. Monthly Tolerance

No unit shall produce during any one proration period more than the allowable production of such unit for the proration period plus a tolerance of not to exceed five (5) days allowable production. This permissive tolerance of overproduction from a unit shall be subject to all other provisions of Rule 502 and particularly to the provisions of Paragraph IV. This permissive tolerance of overproduction from a unit shall be adjusted or balanced by subsequent corresponding underproduction from the same unit. Overproduction within the permitted tolerance shall be considered as oil produced against the allowable production assigned to the unit for the proration period during which such overproduction is adjusted or balanced by underproduction.

III. Production in Excess of Monthly Allowable, Plus Tolerance

Oil produced from any unit in excess of the assigned monthly allowable plus the permissive proration period tolerance shall be "illegal oil" as defined in the Oil Conservation Commission Law, unless (a) such excess oil be produced as a result of mistake or error, (b) mechanical failure beyond the immediate control of the operator, or, (c) resulting from essential tests of the unit within the purview of Oil Conservation Commission Rules. Whenever production from any unit for a proration period is in excess of the assigned allowable, plus the permitted tolerance authorized herein and the cause of such excess reasonably falls within (a), (b) or (c) of this paragraph, the producer or operator shall briefly set forth the cause of such excess production together with a proposed plan of adjustment thereof, upon all copies of the operators monthly report (Form C-115) for the month in which such excess production occurs. Such excess production shall be considered as oil produced against the allowable assigned to the unit for the following proration period, and it may be transported from the lease tanks only as and when the unit accrues daily allowable to offset such excess production.

IV. General

The tolerance permitted on a daily or monthly basis as provided hereinabove shall not be construed to increase the allowable of a producing unit or to grant authority to any operator to market or to any transporter to transport any quantity of oil in excess of the unit's allowable.

The possession of a quantity of oil in lease storage at the end of any proration period in excess of five days allowable plus any unrun allowable oil shall be construed as a violation of this Rule, unless reported in the manner and within the time provided for filing Form C-115 provided by Section III above.

V. Storage Records

All producers and all transporters of oil are required to maintain adequate records showing unrun allowable oil in storage at the end of each proration period. Such storage oil shall be the amount of oil in tanks from which oil is measured and delivered to the transporter.

RULE 503. AUTHORIZATION FOR PRODUCTION OF OIL

(a) The Commission shall meet between the 13th and 20th day of each month at open hearing for the purpose of determining the amount of oil to be produced from all oil pools for the following calendar month.

(b) The exact date, time, and place of each such meeting for each calendar year shall be established and notice thereof given by publication on or before the 10th day of January of each year.

(c) The Commission will consider all evidence of market demand of oil and determine the amount of oil to be produced from all oil pools during the following month. The amounts so determined will be allocated among the various pools in accordance with existing regulations and among the various units in each pool in accordance with regulations governing each pool. In allocated pools, effective the first day of each proration period, the Commission will issue a proration schedule which will author-

ize the production of oil from the various units in strict accordance with the schedule. Any well completed on or after the first day of the proration period is authorized to produce such amount of oil as said well may be capable of producing without waste up to top unit allowable determined in accordance with Rule 504. The allowable production for such well shall be effective at 7:00 a.m. on the date of completion, provided Form C-104 is approved during the proration period in which the well is completed; otherwise the allowable will become effective at 7:00 a.m. on the first day of the proration period in which Form C-104 is approved; and provided further, a supplementary proration schedule is issued by the Commission establishing the effective date, and the daily rate of production permitted the remainder of the proration period.

(d) A marginal unit shall be permitted to produce any amount of oil which it is capable of producing without waste up to and including the top unit allowable for the pool in which such unit is located subject to the provisions of Rule 301 and Rule 506; provided the owner of such unit shall file with the Commission written application setting forth the daily amount of oil such unit is capable of producing; and provided further a supplementary proration schedule is issued by the Commission setting forth the daily allowable rate of production for such unit and the effective date thereof, which shall be the date on which said application is received in the office of the Commission.

(e) A tabulation of supplementary proration schedules issued during any proration period will be listed in the next proration schedule.

(f) In the event it becomes necessary for any transporter of crude petroleum to resort to pipeline proration in New Mexico, such transporter shall, as soon as possible and not later than 24 hours after the effective date thereof, notify the Commission of its decision to so prorate; upon receipt of such notice from such transporter, the Commission may take such emergency action, as may be deemed proper, and/or upon its own motion, after notice, hold a hearing for the purpose of considering any action within its authority, to preserve and protect correlative rights.

In case of pipeline proration any operator affected thereby has the right to make application to the Commission for authorization to have any shortage or underproduction resulting therefrom included in subsequent proration schedules. Such applications shall be made upon a form hereby authorized to be prescribed by the Commission and filed therewith within thrity days after the close of the first proration period in which such pipeline proration shortage occurred, and such authorization shall be limited in any event to wells capable of producing the daily top unit allowable for such period.

In approving any such application the Commission shall determine the period of time during which such shortage shall be made up without injury to the well or pool, and shall include the same in the regularly approved proration schedules following the conclusion of pipeline proration.

RULE 504. AUTHORIZATION FOR PRODUCTION OF OIL WHILE COMPLETING, RECOMPLETING, OR TESTING AN OIL WELL

(a) In the event an operator does not have sufficient lease storage to hold oil produced from a well during the process of its drilling, completing, recompleting, or testing, the operator of said well shall be permitted to produce and sell from said well an amount of oil as may be necessary to drill, complete, recomplete, or test said well; provided however, that the operator of said well shall file with the Commission

a written application stating the circumstances at said well and setting forth therein the estimated amount of oil to be produced during the aforementioned process of operations, and provided further that said application is approved by the Commission. Oil produced during the process of drilling, completion or recompletion, or testing a well shall be charged against the allowable production of said well.

(b) No well shall be placed on the proration schedule until Form C-104 ~~and C-110 have~~ has been filed with the Commission and approved.

RULE 505. OIL PRORATION

(a) In allocated pools, the allocation between pools is in accordance with the top of the producing depth of the pool and the corresponding proportional factor set out below. The depth to the casing shoe or the top perforation in the casing, whichever is the higher, in the first well completed in a pool determines the depth classification for the pool. Top unit allowables shall be calculated for each of the several ranges of depth in the following proportions:

(b)

POOL DEPTH RANGE	40-Acre Proportional Factor	80-Acre Proportional Factor
0 to 5,000 feet	1.00	
5,000 to 6,000 feet	1.33	2.33
6,000 to 7,000 feet	1.77	2.77
7,000 to 8,000 feet	2.33	3.33
8,000 to 9,000 feet	3.00	4.00
9,000 to 10,000 feet	3.77	4.77
10,000 to 11,000 feet	4.67	5.67
11,000 to 12,000 feet	5.67	6.67
12,000 to 13,000 feet	6.75	7.75
13,000 to 14,000 feet	8.00	9.00
14,000 to 15,000 feet	9.33	10.33
15,000 to 16,000 feet	10.78	11,78
16,000 to 17,000 feet	12.33	13.33
17,000 to 18,000 feet	14.00	15.00

(c) The 40-acre proportional factor shall be applied to pools developed on the normal statewide 40-acre spacing pattern.

(d) The above 80-acre proportional factors shall hereafter be applied to all pools developed on an 80-acre spacing pattern, which the Commission hereafter authorizes as an exception to the normal statewide 40-acre spacing pattern.

(e) Normal unit allowable shall be set by the Commission.

(f) Top unit allowables for each range of depth shall then be determined by multiplying the normal unit allowable by the proportional factor for each depth range as set out in the table hereinabove; any fraction of a barrel shall be regarded as a full barrel for both normal and top unit allowables.

(g) The top unit allowables hereinabove determined shall be assigned to the respective pools in accordance with each pool's depth range.

Allowables to marginal wells, other than those affected by gas-oil ratios, will be assigned on the basis of nominations submitted by the operator on Form C-127. Such nominations must be based upon the ability of the well to produce without waste; otherwise the allowable will be assigned on the basis of the latest available production figures. The sum of the allocation to all marginal units plus the sum of the allocation to all non-marginal units in each pool shall constitute the allocation for each pool.

(h) The allocation to each pool shall in turn be prorated or distributed to the respective units in each pool in accordance with the proration plan of the particular pool, whereby any such plan exists. Where no proration plan exists, then the pool allocation shall be distributed or prorated to the respective marginal and non-marginal units therein as determined hereinabove.

(i) Each calendar month the distribution or proration to the respective units in each pool shall be changed in order to take into account all new wells which have been completed and were not in the proration schedule during the previous calendar month; with the exception that any newly completed or recompleted well on which Form C-104 is approved on or after the 20th of the month is authorized to produce that quantity of oil which said well is capable of producing without waste up to the top unit allowable for the pool in which said well is located, and a supplementary proration schedule will be issued setting forth the daily rate of production for said well and the effective date thereof.

(j) The provision of Rule 104 (h) et seq. shall be adhered to where applicable in fixing top unit allowables.

RULE 506. GAS-OIL RATIO LIMITATION

(a) In allocated pools containing a well or wells producing from a reservoir which contains both oil and gas, each proration unit shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit oil allowable for the pool. In the event the Commission has not set a gas-oil ratio limit for a particular oil pool, the limiting gas-oil ratio shall be 2,000 cubic feet of gas for each barrel of oil produced. In allocated oil pools all producing wells, whether oil or casinghead gas, shall be placed on the oil proration schedule.

(b) Unless heretofore or hereafter specifically exempted by order of the Commission issued after hearing a gas-oil ratio limitation shall be placed on all allocated oil pools, and all proration units having a gas-oil ratio exceeding the limit for the pool shall be penalized in accordance with the following formula;

(1) Any proration unit which, on the basis of the latest official gas-oil ratio test, has a gas-oil ratio in excess of the limiting gas-oil ratio for the pool in which it is located shall be permitted to produce daily that number of barrels of oil which shall be determined by multiplying the current top unit allowable by a fraction, the numerator of which shall be the limiting gas-oil ratio for the pool and the denominator of which shall be the official gas-oil ratio test of the well.

(2) Any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) A marginal unit shall be permitted to produce the same volume of gas which it would be permitted to produce if it were a non-marginal unit.

(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced.

(c) All proration units to which gas-oil ratio adjustments are applied shall be so indicated in the proration schedule with adjusted allowables stated.

(d) In cases of new pools, the limit shall be 2,000 cubic feet per barrel until such time as changed by order of the Commission issued after a hearing. Upon petition and after notice and hearing according to law, the Commission will determine or redetermine the specific gas-oil ratio limit which is applicable to a particular allocated oil pool.

RULE 507. UNITIZED AREAS

After petition and notice and hearing, the Commission may grant approval for the combining of contiguous developed proration units into a unitized area.

RULE 508. RECOVERED LOAD OIL

Recovered load oil may be run from the lease on which it is recovered, provided Commission approval is obtained by means of Form C-126. Form C-126 must be filed in quadruplicate with the appropriate District Office of the Commission. Upon approval, one copy will be returned to the operator and one copy will be sent to the designated transporter as authority to transport the oil.

This rule applies only to oil which has been obtained from a source other than the lease on which it is used.

Recovered load oil as used herein is any oil or liquid hydrocarbon which has been used in any operation in an oil or gas well, and which has been recovered as a merchantable product.

H - GAS PRORATION AND ALLOCATION

RULE 601. ALLOCATION OF GAS PRODUCTION

When the Commission determines that allocation of gas production in a designated gas pool is necessary to prevent waste, the Commission, after notice and hearing, shall consider the nominations of purchasers from that gas pool and other relevant data, and shall fix the allowable production of that pool, and shall allocate production among the gas wells in the pool delivering to a gas transportation facility upon a reasonable basis and recognizing correlative rights. The Commission shall include in the proration schedule of such pool any gas well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well.

RULE 602. PRORATION PERIOD

The proration period shall be at least six months and the pool allowable and allocations thereof shall be made at least 30 days prior to each proration period.

RULE 603. ADJUSTMENT OF ALLOWABLES

When the actual market demand from any allocated gas pool during a proration period is more than or less than the allowable set by the Commission for the pool for the period, the Commission shall adjust the gas proration unit allowables for the pool for the next proration period so that each gas proration unit shall have a reasonable opportunity to produce its fair share of the gas production from the pool and so that correlative rights shall be protected.

RULE 604. GAS PRORATION UNITS

Before issuing a proration schedule for an allocated gas pool, the Commission, after notice and hearing, shall fix the gas proration unit for that pool.

I - SECONDARY RECOVERY, PRESSURE MAINTENANCE, AND SALT WATER DISPOSAL

RULE 701. INJECTION OF FLUIDS INTO RESERVOIRS

A. Permit for Injection Required

The injection of gas, liquefied petroleum gas, air, water, or any other medium into any reservoir for the purpose of maintaining reservoir pressure or for the purpose of secondary recovery or the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Commission after notice and hearing, unless otherwise provided herein.

B. Method of Making Application

Application for original authority for the injection of gas, liquefied petroleum gas, air, water, or any other medium into any formation for any reason, including salt water disposal, or for the expansion of any such injection project by the completion or conversion of additional well (s) shall include the follcwing:

1. A plat showing the location of the proposed injection well (s) and the location of all other wells within a radius of two miles from said proposed injection well (s) and the formation from which said wells are producing or have produced. The plat shall also indicate the lessees, if any there be, within said two-mile radius.

2. The log of the proposed injection well (s) if same is available.

3. A diagrammatic sketch of the proposed injection well (s) showing all casing strings, including diameters and setting depths, quantities used and tops of cement, perforated or open hole intervals, tubing strings, including diameters and setting depths, and the type and location of packers, if any.

4. Other pertinent information including the name and depth of the zone or formation into which injection will be made, the kind of fluid to be injected, the anticipated volumes to be injected, and the source of said injection fluid.

5. Evidence that a copy of the application, complete with all attachments, has been sent to the State Engineer Office, Capitol Building, Santa Fe.

C. Salt Water Disposal Wells

The Secretary-Director of the Oil Conservation Commission shall have authority to grant an exception to the requirements of Rule 701-A for water disposal wells only, without notice and hearing, when the waters to be disposed of are mineralized to such a degree as to be unfit for domestic, stock, irrigation, or other general use, and when said waters are to be disposed of into a formation older than Triassic (Lea County only) which is non-productive of oil or gas within a radius of two miles from the proposed injection well, providing that any water occurring naturally within said disposal formation is mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use.

(5... -10-)

To obtain such administrative approval, operator shall submit in triplicate Commission form entitled "Application to Dispose of Salt Water by Injection Into a Porous Formation ~~Not Productive of Oil or Gas,~~" said application to be filed in accordance with Rule 701-B above. Copies of the application shall also be sent to all offset operators and to the surface owner of the land upon which the well is located.

If no objection is received within 15 days from the date of receipt of the application, and the Secretary-Director is satisfied that all of the above requirements have been complied with, and that the well is to be cased and cemented in such a manner that there will be no danger to oil, gas, or fresh water reservoirs, an administrative order approving the disposal may be issued. In the event that the application is not granted administratively, it shall be set for public hearing, if the operator so requests.

The Commission may dispense with the 15-day waiting period if waivers of objection are received from all offset operators, the surface owner, and the State Engineer.

D. Pressure Maintenance Projects

1. Pressure maintenance projects are defined as those projects in which fluids are injected into the producing horizon in an effort to build up and/or maintain the reservoir pressure in an area which has not reached the advanced or "stripper" state of depletion.

2. The project area and the allowable formula for any pressure maintenance project shall be fixed by the Commission on an individual basis after notice and hearing.

E. Water Flood Projects

1. Water Flood projects are defined as those projects in which water is injected into a producing horizon in sufficient quantities and under sufficient pressure to stimulate the production of oil from other wells in the area, and shall be limited to those areas in which the wells have reached an advanced state of depletion and are regarded as what is commonly referred to as "stripper" wells.

2. The project area of a water flood project shall comprise the proration units upon which injection wells are located plus all proration units which directly or diagonally offset the injection tracts and have producing wells completed on them in the same formation; provided however, that additional proration units not directly nor diagonally offsetting an injection tract may be included in the project area if, after notice and hearing, it has been established that such additional units have wells completed thereon which have experienced a substantial response to water injection.

3. The maximum allowable assigned to any water flood project area shall be determined by multiplying the number of proration units in the project area times the basic Area Allowable Factor (as determined in subparagraph 4 below) times the appropriate proportional (depth) factor for the pool as set forth in Rule 505 (b). The allowable assigned to any water flood project area in which there are proration units containing more than one well shall be increased by an amount of oil equal to 0.333 times the basic Area Allowable Factor times the

proportional (depth) factor for the pool for each such additional well on the proration unit; provided however, that the additional allowable for any such proration unit shall not exceed the basic Area Allowable Factor times the proportional (depth) factor for the pool.

The project area allowable may be produced from any well or wells in the project area in any proportion.

The production from a water flood project area shall be identified as such on the monthly Commission Form C-115.

Each and every well outside a prorated waterflood project area which is producing into common facilities with wells inside a prorated waterflood project area shall be tested once each month and the results of such tests shall be included on the monthly Commission Form C-120 filed for said project.

The Secretary-Director is empowered to grant exceptions to this provision without notice and hearing when an application therefor is filed in due form, and the facts presented justify such exception.

Nothing herein contained shall be construed as prohibiting the assignment of special allowables to wells in buffer zones after notice and hearing. Special allowables may also be assigned in the limited instances where it is established at a hearing that it is imperative for the protection of correlative rights to do so.

4. The basic 40-acre Area Allowable Factor for the counties of Lea, Eddy, Chaves, and Roosevelt shall be 42. The basic 40-acre Area Allowable Factor for the counties of San Juan, Rio Arriba, Sandoval, and McKinley shall be 52.

5. Water flood projects shall be expanded and additional wells placed on injection only upon authority from the Commission after notice and hearing or by administrative procedure in accordance with the following:

In order for a well in a water flood project to be eligible for administrative approval for conversion to water injection, it must be established to the satisfaction of the Secretary-Director of the Commission that the proposed water injection well has experienced a substantial response to water injection or is directly offset by a producing well which has experienced such response, and that the proposed injection well is located on a water injection pattern which will result in a thorough and efficient sweep of oil by the water flood.

To obtain such administrative approval, operator shall submit in triplicate an application in accordance with Rule 701-B above. The application shall also state the order number which originally authorized the water flood project, and shall set forth all the facts pertinent to the need for conversion of additional wells to water injection. It shall also be accompanied by Commission Form C-116, showing production tests of the affected well (s) both before and after stimulation by water flood. A copy of the application shall also be sent to each operator offsetting the proposed injection well.

The Secretary-Director may, if in his opinion there is need for conversion of the additional wells to water injection, authorize such conversion without notice and hearing, provided that no offset operator or the State Engineer objects to the proposed conversion within fifteen (15) days. The Secretary-Director may grant immediate approval of the proposed conversion upon receipt of waivers of objection from all operators offsetting the proposed injection well and from the State Engineer.

RULE 702. CASING AND CEMENTING OF INJECTION WELLS

Wells used for injection of gas, air, or water into the producing formation shall be cased with safe and adequate casing or tubing so as to prevent leakage and such casing or tubing shall be so set or cemented that damage will not be caused to oil, gas or fresh water resources.

RULE 703. NOTICE OF COMMENCEMENT AND DISCONTINUANCE OF INJECTION OPERATIONS

The following provisions shall apply to all injection projects:

(a) Immediately upon the commencement of injection operations, the operator shall notify the Commission of the injection date.

(b) Within 10 days after the discontinuance of injection operations the operator shall notify the Commission of the date of such discontinuance and the reasons thereof.

(c) Before any intake well shall be plugged, notice shall be served on the Commission by the owner of said well, and the same procedure shall be followed in the plugging of such well as provided for the plugging of oil and gas wells.

RULE 704. RECORDS AND REPORTS

The operator of an injection project for secondary recovery or pressure maintenance shall keep accurate records and shall report monthly to the Commission the amount of oil produced, the volumes of fluid injected, and the injection pressures on Form C-120. The operator of a salt water disposal project shall keep accurate records and shall report monthly to the Commission the volumes of fluid injected and the injection pressures on Form C-120-A.

RULE 705. LPG STORAGE WELLS

Application to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Director of the Commission for approval. In addition to Form C-101 (Notice of Intention to Drill), the operator shall submit the following information:

1. Certified plat of area within ½ mile of proposed well showing thereon the location of the proposed well and the location of any oil or gas wells and dry holes, and lease ownership.

2. Upon completion of the proposed well, operator shall submit Form C-105,

Well Log, plus a diagrammatic sketch of the finished installation, together with an estimate of the storage capacity of the cavity.

Applicants shall furnish all operators within a half-mile radius of the proposed well with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all operators within a half-mile radius of the proposed well have been properly notified. The Secretary-Director of the Commission shall wait at least ten days before approving any such application, and shall approve any such application, only in the absence of objection from any notified operator. In the event that an operator objects to the application the Commission shall consider the matter only after proper notice and hearing.

RULE 801. ILLEGAL SALE PROHIBITED

The sale or purchase or acquisition, or the transporting, refining, processing, or handling in any other way, of crude petroleum oil or of any product of crude petroleum produced in excess of the amount allowed by any statute of this state, or by any rule, regulation, or order of the Commission made thereunder, is prohibited.

RULE 802. RATABLE TAKE: COMMON PURCHASER

(a) Every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines shall be a common purchaser thereof, and shall without discrimination in favor of one producer as against another in the same field, purchase all oil tendered to it which has been lawfully produced in the vicinity of, or which may be reasonably reached by pipelines through which it is transporting oil, or the gathering branches thereof, or which may be delivered to the pipeline or gathering branches thereof by truck or otherwise, and shall fully perform all the duties of a common purchaser. If any common purchaser shall not have need for all such oil lawfully produced within a field, or if for any reason it shall be unable to purchase all such oil, then it shall purchase from each producer in a field ratably, taking and purchasing the same quantity of oil from each well to the extent that each well is producing its ratable portions; provided, however, nothing herein contained shall be construed to require more than one pipe line connection for each producing well. In the event any such common purchaser of oil is likewise a producer or is affiliated with a producer, directly or indirectly, it is hereby expressly prohibited from discriminating in favor of its own production or in favor of the production of an affiliated producer as against that of others and the oil produced by such common purchaser or by the affiliate of such common purchaser shall be treated as that of any other producer, for the purposes of ratable taking.

(b) It shall be unlawful for any common purchaser to unjustly or unreasonably discriminate as to the relative quantities of oil purchased by it in various fields of the state; the question of the justice or reasonableness to be determined by the Commission, taking into consideration the production and age of the wells in the respective fields and all other factors. It is the intent of this rule that all fields shall be allowed to produce and market a just and equitable share of the oil produced and marketed in the State, insofar as the same can be effected economically and without waste.

(c) In order to preclude premature abandonment, the common purchaser within its purchasing area is authorized and directed to make 100 percent purchases from units of settled production producing ten (10) barrels or less daily of crude petroleum in lieu of ratable purchases or takings. Provided, however, where such purchaser's takings are curtailed below ten (10) barrels per unit of crude petroleum daily, then such purchaser is authorized and directed to purchase equally from all such units within its purchasing area, regardless of their producing ability insofar as they are capable of producing.

RULE 803. PRODUCTION OF LIQUID HYDROCARBONS FROM GAS WELLS

All liquid hydrocarbons produced incidental to the authorized production of gas from a well classified by the Commission as a gas well shall, for all purposes, be legal production.

For purposes of this rule, all gas produced from a gas well shall be considered to be authorized production with the following exceptions:

(1) When the well is being produced without an approved Form ~~C-110~~, designating the gas transporter and the oil or condensate transporter for said well.

(2) When the well has been directed to be shut-in by the Commission.

In the event a gas well is directed to be shut-in by the Commission, both the gas transporter and the oil transporter named on the well's Form ~~C-110~~ shall be immediately notified of such fact.

K - GAS PURCHASING AND TRANSPORTING

RULE 901. ILLEGAL SALE PROHIBITED

The sale, purchase or acquisition, or the transporting, refining, processing or handling in any other way, of natural gas in whole or in part (or of any product of natural gas so produced) produced in excess of the amount allowed by any statute of this state, or by any rule, regulation or order of the Commission made thereunder, is prohibited.

RULE 902. RATABLE TAKE

(a) Any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells shall be a common purchaser thereof within each common source of supply from which it purchases, and as such it shall purchase gas lawfully produced from gas wells with which its gas transportation facilities are connected in the pool and other gas lawfully produced within the pool and tendered to a point on its gas transportation facilities. Such purchases shall be made without unreasonable discrimination in favor of one producer against another in the price paid, the quantities purchased, the bases of measurement or the gas transportation facilities afforded for gas of like quantity, quality and pressure available from such wells. In the event any such person is likewise a producer, he is prohibited to the same extent from discriminating in favor of himself on production from gas wells in which he has an interest, direct or indirect, as against other production from gas wells in the same pool. For the purposes of this rule reasonable differences in prices paid or facilities afforded, or both, shall not constitute unreasonable discrimination if such differences bear a fair relationship to differences in quality, quantity or pressure of the gas available or to the relative lengths of time during which such gas will be available to the purchaser. The provisions of this subsection shall not apply (1) to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of the rules, regulations or orders of the Commission, (2) to purchases of casinghead gas from oil wells, and (3) to persons purchasing gas principally for use in the recovery or production of oil or gas.

(b) Any common purchaser taking gas produced from gas wells from a common source of supply shall take ratably under such rules, regulations and orders, concerning quantity, as may be promulgated by the Commission consistent with this rule. The Commission, in promulgating such rules, regulations and orders may consider the quality and the deliverability of the gas, the pressure of the gas at the point of delivery, acreage attributable to the well, market requirements in the case of unprorated pools, and other pertinent factors.

(c) Nothing in this rule shall be construed or applied to require, directly or indirectly, any person to purchase gas of a quality or under a pressure or under any other condition by reason of which such gas cannot be economically and satisfactorily used by such purchaser by means of his gas transportation facilities then in service.

L - REFINING

RULE 1001. REFINERY REPORTS

Each refiner of oil within the State of New Mexico shall furnish for each calendar month a "Refiner's Monthly Report," Form C-113, containing the information and data indicated by such form, respecting oil and products involved in such refiner's operations during each month. Such report for each month shall be prepared and filed according to instructions on the form, on or before the 15th day of the next succeeding month.

RULE 1002. GASOLINE PLANT REPORTS

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, condensate, kerosene, oil or other liquid products are extracted from natural gas within the State of New Mexico, shall furnish for each calendar month a "~~Monthly Gasoline or Other~~ Extraction Plant Monthly Report," Form ~~C-114~~, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month.

Such reports for each month shall be prepared and filed according to instructions on the form on or before the 15th day of the next succeeding month.

M - REPORTS

RULE 1100: All reports and forms as required by the following rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302 of the Statewide Rules and Regulations unless otherwise specifically provided for in one of the following rules.

Mailing addresses of the District Offices of the Commission are as follows:

P. O. Box 1980, Hobbs, New Mexico
Drawer DD, Artesia, New Mexico
1000 Rio Brazos Road, Aztec, New Mexico
P. O. Box ~~871~~ 2088, Santa Fe, New Mexico

RULE 1101. ADDITIONAL INFORMATION MAY BE REQUIRED

These rules shall not be taken or construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data or other information relative to production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

RULE 1102. BOOKS AND RECORDS TO BE KEPT TO SUBSTANTIATE REPORTS

All producers, transporters, storers, refiners, gasoline or extraction plant operators and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

RULE 1103. WRITTEN NOTICES, REQUESTS, PERMITS AND REPORTS

The forms hereinafter mentioned shall be used for the purposes shown on each of the several forms and in accordance with the Rules requiring the use of said forms and the instructions printed thereon. They are:

Form C-101	~~Notice~~ of Intention to Drill
Form C-102	~~Miscellaneous Notices~~
Form C-103	~~Miscellaneous~~ Reports on Wells
Form C-104	~~Request~~ for (oil) - (gas) allowable
Form C-105	~~Well~~ Record
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-110	~~Certificate of Compliance~~ and Authorization to ~~Transport~~ Oil and Natural ~~Gas~~
Form C-111	~~Monthly Gas~~ Report
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report
Form C-114	Gasoline or Other Extraction Plant Monthly Report
Form C-115	Operator's Monthly Report (oil, condensate and gas)
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Report
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report
Form C-119	Carbon Black Plant Monthly Report

Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	~~Gas~~ Purchaser's ~~Preliminary~~ Nomination
Form C-122	Multi-point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet-San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells Data Sheet (Deliverability)
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	~~Bottom Hole Pressures~~
Form C-125	Shut-in Pressures on Gas Wells
Form C-126	Permit for Transporting Recovered Load Oil
Form C-127	~~Oil Producers~~ Nominations
~~Form C-128~~	Well Location and Acreage Dedication ~~Plat~~

RULE 1104. ~~NOTICE OF INTENTION~~ TO DRILL (Form C-101)

Before beginning drilling operations, the owner or operator of the well shall give notice thereof by filing with the Commission in QUINTUPLICATE, Form C-101. A copy of the notice will be returned by the Commission to the applicant, on which will be noted the Commission's approval with any modifications considered advisable, or the rejection of the plan submitted. Drilling operations shall not begin until this approval is obtained and until a bond has been submitted and approved as required by Rule 101. (Note: on State Land, the State Land Office requires 1 copy of Form C-101; therefore in that case submit 6 copies).

The information required on Form C-101 shall include the name and number of the well, exact location, status of land (whether federal, state or privately owned), type drilling equipment to be used, drilling contractor, formation to be completed in and approximate depth, casing program, and any other pertinent information. The form C-101 must be accompanied by three copies of Form ~~C-128~~, Well Location and Acreage Dedication Plat, showing (a) the exact location of the well with respect to the outer boundaries of the section plotted and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission, (b) the acreage to be dedicated to the well outlined by the operator on the plat, and (c) all information required in Section "A" of Form ~~C-128~~ certified by the operator.

RULE 1105. ~~MISCELLANEOUS~~ NOTICES (Form C-102)

Form C-102, "Miscellaneous Notices", shall be filed by the operator in TRIPLICATE and approval obtained from the District Office of the Commission before starting operations leading to:

1. A change in drilling plans
2. Plugging a well
3. Temporary abandonment of a well, or
4. Remedial work; such as, acidizing, squeezing operations, formation fracturing, setting a liner, gun perforating or other similar operations not specifically covered herein.
5. Plugging back or drilling deeper

Form C-102 shall not be required to cover the operations described in Item 4 above for new wells in the process of completion; however, work done and results obtained should be reported on Form C-103.

In the case of well-plugging operations, the notice shall give a detailed statement of the proposed work, including length and depth of plugs, plans for mudding, cementing, shooting, testing and removing casing, and the date of the proposed plugging operations. Failure to file notice before plugging shall constitute grounds for delaying the release of the bond. If not previously filed, a complete log of the well on Form C-105 shall accompany the notice of intention to plug the well, and the bond will not be released until this is complied with.

RULE 1106. MISCELLANEOUS REPORTS ON WELLS (Form C-103)

Form C-103, "Miscellaneous Reports on Wells", shall be submitted for approval to the appropriate District Office of the New Mexico Oil Conservation Commission within the time specified in the section of this rule applying to the particular operation to be reported.

The report submitted on Form C-103 shall cover the work outlined previously on Form C-102, "Miscellaneous Notices", and shall include a detailed account of the work done, the manner in which the work was performed, and other pertinent information.

Form C-103 is to be used in reporting various operations such as:

(a) Commencement of Drilling Operations (spudding date)

(b) Plugging Operations

(c) Results of Test of Casing Shut-off

(d) Remedial Work

(e) Change of ownership of Drilling Well

(f) Plugging back or drilling deeper

or any similar operations which affect the original status of the well and which are not specifically covered herein.

Information to be entered on Form C-103 for a particular operation is as follows:

(a) Report on Commencement of Drilling Operations;

Within ten days following the commencement of drilling operations, the owner of the well shall file with the Commission a report on Form C-103 in TRIPLICATE. Such report shall indicate the date well is spudded and any other pertinent data not previously submitted on Forms C-101 or C-102, whichever is applicable.

(b) Report on Plugging of Well:

Within thirty days following the completion of plugging operations on any well, a record of the work done shall be filed with the Commission in TRIPLICATE, on Form C-103.

Such report shall be filed by the owner of the well and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission unless such report specifically states that pits have been filled and the location levelled, and cleared of junk. The filing of Form C-105, "Well Record" is also necessary to obtain Commission approval of a plugging report.

It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission to arrange for an inspection of the plugged well and the location by a Commission representative.

(c) Report on Results of Test of Casing Shut-off

A report on a test of casing shut-off shall be filed with the Commission on Form C-103, in TRIPLICATE, within ten days following the completion of the test. Such report shall be filed by the owner of the well and shall indicate any changes in the casing program previously outlined and approved on Form C-101 or C-102, whichever is applicable. The report shall also present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information.

(d) Report on Remedial Work

Within thirty days following the completion of remedial work on a well, a report on the operation shall be filed with the Commission on Form C-103, submitted in QUADRUPLICATE. Such report shall be filed by the operator of the well and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.

2. Report on squeeze job.

3. Report on setting of a liner, packer or pump.

4. Report on installation of gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(e) Report on Change in Ownership of Drilling Well

Within ten days following the official change in ownership of a drilling well, such change in ownership will be reported to the

Commission on Form C-103, submitted in TRIPLICATE. Such report shall be filed by the new owner of the well, and shall include the name and address of the previous owner, the effective date of the change in the ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission until a $5,000.00 one-well plugging bond or a $10,000.00 blanket plugging bond has been filed with and approved by the Commission in the name of the new owner.

(f) Report on Plugging Back or Drilling Deeper Operations

Within thirty days following the completion of plugging back or deepening operations, a report of such work must be filed with the Commission on Form C-103, submitted in QUADRUPLICATE. Such report shall be filed by the operator of the well and shall present a detailed account of the work done and the manner in which such work was performed.

(g) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1107. REQUEST FOR (OIL-GAS) ALLOWABLE (Form C-104)

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-104 is to be submitted in QUADRUPLICATE to the Commission District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 a.m. on the date of completion, provided completion report is filed during month of completion. The completion date shall be that date, in the case of an oil well, when oil is delivered into the stock tanks. Provided, however, that a well will not be assigned an allowable unless Form C-128, Well Location and Acreage Dedication Plat, has been filed with the Commission showing the location of the well and the amount and status of the acreage dedicated thereto.

Form C-110, Certificate of Compliance and Authorization to Transport Oil or Natural Gas, shall accompany Form C-104.

RULE 1108. WELL RECORD (Form C-105)

Within 20 days after the completion of any well, the owner shall file in QUINTUPLICATE Form C-105 with ONE COPY of all electrical and radio-activity logs run on the well. The well record with the attached electrical and radio-activity logs shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep the report and log confidential for 90 days from date of completion of the well; provided, however, that the report, log or data therein when pertinent may be introduced in any public hearing before the Commission or any court regardless of the request that the report be kept confidential. If the Form C-105 with attached log or logs is not received by the Commission in the specified 20 days, the allowable for the well will be withheld until this provision is complied with.

In the case of well-plugging operations, a complete record of the well on Form C-105 with the log or logs run on the well shall accompany the notice of intention

to plug the well, if not previously filed.

(Note: On State Land submit one additional copy of Form C-105)

RULE 1109. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-110)

(a) Each producer of crude petroleum oil, casinghead gas, liquid hydrocarbons, and natural gas shall execute, in QUINTUPLICATE, and file Form C-110 with the Commission, setting forth fully therein the data and information indicated by such form covering each well from which crude petroleum oil, casinghead gas, natural gas and liquid hydrocarbons are produced.

(b) Whenever there shall occur a change in the operating ownership of any producing well, or whenever there shall occur a change of transporter from any producing well, or whenever there shall occur a change of well numbers or lease designation, Form C-110 shall be executed and filed in accordance with appropriate instructions; except that in the case of a temporary change in transporter when oil is moved from any lease by anyone other than the transporter authorized by the Form C-110, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing the information as instructed by the District Office. The operator shall also furnish copies of such notification to the regular transporter and to the temporary transporter.

RULE 1110. MONTHLY GAS REPORT (Form C-111)

All gas produced from natural gas wells and all casinghead gas produced which is taken into a fuel system or other system (except gas taken into a gasoline or other extraction plant gathering system which is required to be reported on Form C-114), shall be reported monthly on Form C-111. Where such natural or casinghead gas is taken by the producer, then the producer shall make such report. In case said gas is taken at the well by any person other than the producer, then such person taking said gas shall make the report. Form C-111 shall be postmarked on or before the 15th of the month for all of said gas taken during the preceding month, and shall be submitted directly to the appropriate District Office of the Commission, as well as to the Commission Offices at Santa Fe and Hobbs.

RULE 1111. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

Each transporter and/or storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE 1112. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

RULE 1113. ~~GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT~~
(Form C-114)

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall furnish for each calendar month a Gasoline or Other Extraction Plant Monthly Report, Form C-114, containing the information indicated by such form respecting gas and products involved in the operation of each such plant during each month. Form C-114 shall be postmarked on or before the 15th day of the next succeeding month, and shall be submitted directly to the appropriate District Office of the Commission, as well as to the Commission Offices at Santa Fe and Hobbs.

RULE 1114. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Repeated failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-110 for the affected well or wells.

RULE 1115. GAS-OIL RATIO TEST (Form C-116)

A gas-oil ratio test shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Test. This form shall be submitted in DUPLICATE.

RULE 1116. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A AND C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted in TRIPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
(4) Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of Sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
(6) Disposition

RULE 1117. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain the following information:

(1) Name of treating plant operator
(2) Location of plant or plants
(3) Source of each individual acquisition
(4) Number of permit authorizing acquisition
(5) Gross volume of sediment oil acquired from each source
(6) Net amount of pipeline oil recovered from each acquisition

RULE 1118. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports containing information as required by the form shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month.

RULE 1119. MONTHLY INJECTION REPORT (Form C-120) AND MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1120. PURCHASER's NOMINATION FORM (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, and Form C-121-A, Gas Purchaser's Preliminary Nomination, shall be submitted to the Commission not later than 5 days prior to said Commission's statewide proration hearing on nominations for the succeeding month. Form C-121 and Form C-121-A shall be mailed to the Oil Conservation Commission, P. O. Box 871, Santa Fe, New Mexico.

RULE 1121. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA (C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1122. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The owner or operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office in regard to the filing of Form C-123 in DUPLICATE.

RULE 1123. ~~BOTTOM HOLE~~ PRESSURES (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

RULE 1124. SHUT-IN PRESSURES ON GAS WELLS (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402.

RULE 1125. PERMIT ~~FOR~~ TRANSPORT~~ING~~ RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1109 (b).

RULE 1126. ~~OIL PRODUCERS~~ ALLOWABLE CHANGE (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

RULE 1127. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form ~~C-128~~)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

Form C-128 shall be submitted in TRIPLICATE with Form C-101 in accordance with Rule 1104.

An amended Form C-128 shall be submitted in the event that there is a change in any of the information required thereon. The well location need not be certified when filing an amended Form C-128.

RULE 1128. FORMS REQUIRED ON WELLS LOCATED ON FEDERAL LAND

Federal forms in lieu of State Forms will be used in Federal Lands in New Mexico when filing NOTICE OF INTENTION TO DRILL, MISCELLANEOUS REPORTS ON WELLS, OR WELL RECORDS. However, it shall be the duty of each operator in the State of New Mexico that drills on Federal Land to submit two extra copies of each of such forms to the USGS, who will approve same and transmit them to the Commission on those forms provided by the USGS. The following USGS forms will be accepted in lieu of the regular Commission forms from operators of wells on federal land.

USGS FORMS	TITLE OF FORM	SIMILAR OCC FORM
9-331a	Sundry Notices and Reports on Wells	C-101
9-331a	Sundry Notices and Reports on Wells	C-103 Plugback or Drill ~~Deeper~~ (only)
9-331a	Sundry Notices and Reports on Wells	C-103 Plugback or Drill Deeper (only)
9-330	Log of Oil or Gas Well	C-105

The above forms as may be revised are the only forms that may be submitted in

the place of the regular Commission forms.

After a well is completed and ready for pipe line connection, Oil Conservation Commission Forms C-104 ~~and C-110~~ shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form ~~C-110~~ for the affected well or wells.

N - RULES ON PROCEDURE

RULE 1201. NECESSITY FOR HEARING

Except as provided in some general rule herein, before any rule, regulation or order, including revocation, changes, renewal or extension thereof shall be made by the Commission, a public hearing before the Commission or a legally appointed Examiner shall be held at such time and place as may be prescribed by the Commission.

RULE 1202. EMERGENCY ORDERS

Notwithstanding any other provision of these rules, in case an emergency is found to exist by the Commission, which, in its judgment, requires the making of a rule, regulation or order without a hearing having first been had or concluded, such emergency rule, regulation or order when made by the Commission shall have the same validity as if a hearing with respect to the same had been held before the Commission after due notice. Such emergency rule, regulation or order shall remain in force no longer than 15 days from its effective date, and in any event, it shall expire when the rule, regulation or order made after due notice and hearing with respect to the subject matter of such emergency rule, regulation or order become effective.

RULE 1203. METHOD OF INITIATING A HEARING

The Commission upon its own motion, the Attorney General on behalf of the State, and any operator, producer or any other person having a property interest may institute proceedings for a hearing. If the hearing is sought by the Commission it shall be on motion of the Commission and if by any other person it shall be application. The application in TRIPLICATE shall state (1) the name or general description of the common sources of supply affected by the order sought, unless the same is intended to apply to and affect the entire state, in which event the application shall so state, (2) briefly the general nature of the order, rule or regulation sought, (3) any other matter required by a particular rule or rules, and (4) whether applicant desires a hearing before the Commission or an Examiner, and, if hearing before an Examiner is desired, the time and place applicant prefers the hearing to be held may be stated in the application, and such application shall state a list of the names and addresses of all interested parties known to applicant.

An application shall be signed by the person seeking the hearing or by his attorney. Unless required by specific rule, an application need not be verified.

RULE 1204. METHOD OF GIVING LEGAL NOTICE FOR HEARING

Notice of each hearing before the Commission and notice of each hearing before an Examiner shall be given by personal service on the person affected or by publication once in a newspaper of general circulation published at Santa Fe, New Mexico, and once in a newspaper of general circulation published in the county or each of the counties, if there be more than one, in which any land, oil or gas or other property which may be affected shall be situated.

RULE 1205. CONTENTS OF NOTICE OF HEARING

Such notice shall be issued in the name of "The State of New Mexico" and shall be signed by two members of the Commission or by the Secretary of the Commission, and the seal of the Commission shall be impressed thereon.

The notice shall specify whether the case is set for hearing before the Commission or before an Examiner and shall state the number and style of the case and the time and place of hearing and shall briefly state the general nature of the order or orders, rule or rules, regulation or regulations to be promulgated or effected. The notice shall also state the name of the petitioner or applicant, if any, and unless the contemplated order, rule or regulation is intended to apply to and affect the entire State it shall specify or generally describe the common source or sources of supply which may be affected by such order, rule or regulation.

RULE 1206. PERSONAL SERVICE OF NOTICE

Personal service of the notice of hearing may be made by any agent of the Commission or by any person over the age of 18 years in the same manner as is provided by law for the service of summons in civil actions in the district courts of this State. Such service shall be complete at the time of such personal service or on the date of publication, as the case may be. Proof of service shall be by the affidavit of the person making personal service or of the publisher of the newspaper in which publication is had. Service of the notice shall be made at least 10 days before the hearing.

RULE 1207. PREPARATION OF NOTICES

After a motion or application is filed with the Commission the notice or notices required shall be prepared by the Commission and service and publication thereof shall be taken care of by the Commission without cost to the applicant.

RULE 1208. FILING PLEADINGS: COPY DELIVERED TO ADVERSE PARTY OR PARTIES

When any party to a hearing files any pleading, plea or motion of any character (other than application for hearing) which is not by law or by these rules required to be served upon the adverse party or parties, he shall at the same time either deliver or mail to the adverse party or parties who have entered their appearance therein, or their respective attorneys of record, a copy of such pleading, plea or motion. For the purposes of these rules, an appearance of any interested party shall be made either by letter addressed to the Commission, or in person at any proceeding before the Commission or before an Examiner, with notice of such appearance to the parties from whom such pleadings, pleas, or motions are desired.

RULE 1209. CONTINUANCE OF HEARING WITHOUT NEW SERVICE.

Any hearing before the Commission or an Examiner held after due notice may be continued by the person presiding at such hearing to a specified time and place without the necessity of notice of the same being again served or published. In the event of any continuance, a statement thereof shall be made in the record of the hearing which is continued.

RULE 1210. CONDUCT OF HEARINGS

Hearings before the Commission or any Examiner shall be conducted without rigid formality. A transcript of testimony shall be taken and preserved as a part of the permanent record of the Commission. Any person testifying in response to a subpoena issued by the Commission and any person seeking to testify in support of an application or motion or in opposition thereto shall be required to do so under oath. However, relevant unsworn comments and observations by any interested party will be designated as such and included in the record. Comments and observations by representatives of operators' committees, the United States Geological Survey, the United States Bureau of

Mines, the New Mexico Bureau of Mines and other competent persons are welcomed. Any Examiner legally appointed by the Commission may conduct such hearings as may be referred to such Examiner by the Commission or the Secretary thereof.

RULE 1211. POWER OF COMMISSION TO REQUIRE ATTENDANCE OF WITNESSES AND PRODUCTION OF EVIDENCE

The Commission or any member thereof has statutory power to subpoena witnesses and to require the production of books, papers and records in any proceeding before the Commission. A subpoena will be issued by the Commission for attendance at a hearing upon the written request of any person interested in the subject matter of the hearing. In case of the failure of a person to comply with the subpoena issued by the Commission, an attachment of the person may be issued by the district court of any district in the State, and such court has powers to punish for contempt. Any person found guilty of swearing falsely at any hearing may be punished for contempt.

RULE 1212. RULES OF EVIDENCE

Full opportunity shall be afforded all interested parties at a hearing to present evidence and to cross-examine witnesses. In general, the rules of evidence applicable in a trial before a court without a jury shall be applicable, provided that such rules may be relaxed, where, by so doing, the ends of justice will be better served. No order shall be made which is not supported by competent legal evidence.

RULE 1213. EXAMINERS' QUALIFICATIONS AND APPOINTMENT

The Commission shall be ex parte order, designate and appoint not more than four individuals to be examiners. Each Examiner so appointed shall be a member of the staff of the Commission, but no Examiner need be a full time employee of the Commission. The Commission may, by ex parte order, designate and appoint a successor to any person whose status as an Examiner is terminated for any reason. Each individual designated and appointed as an Examiner must have at least six years practical experience as a geologist, petroleum engineer or licensed lawyer, or at least two years of such experience and a college degree in geology, engineering, or law; provided however, that nothing herein contained shall prevent any member of the Commission from being designated as, or serving as, an Examiner.

RULE 1214. REFERRAL OF CASES TO EXAMINERS

Either the Commission or the Secretary thereof may refer any matter of proceeding to any legally designated and appointed Examiner for hearing in accordance with these rules. The Examiner appointed to hear any specific case shall be designated by name.

RULE 1215. EXAMINER'S POWER AND AUTHORITY

The Commission may, by ex parte order, limit the powers and duties of the Examiner in any particular case to such issues or to the performance of such acts as the Commission deems expedient; however, subject only to such limitations as may be ordered by the Commission, the Examiner to whom any matter or proceeding is referred under these rules shall have full authority to hold hearings on such matter or proceeding in accordance with and pursuant to these rules. The Examiner shall have the power to regulate all proceedings before him and to perform all acts and take all measures necessary or proper for the efficient and orderly conduct of such hearing, including the swearing of witnesses, receiving of testimony and exhibits offered in evidence, subject

to such objections as may be imposed, and shall cause a complete record of the proceedings to be made and transcribed and shall certify same to the Commission as hereinafter provided.

RULE 1216. HEARINGS WHICH MUST BE HELD BEFORE COMMISSION

Notwithstanding any other provisions of these rules, the hearing on any matter shall be held before the Commission (1) if it is a hearing de novo, or (2) if the Commission in its discretion desires to hear the matter, or (3) if the matter involves limiting the total production of crude petroleum oil in the State, or (4) if the matter involves limiting the total production of gas from any gas pool.

RULE 1217. EXAMINER'S MANNER OF CONDUCTING HEARING

An Examiner conducting a hearing under these rules shall conduct himself as a disinterested umpire.

RULE 1218. REPORT AND RECOMMENDATIONS, RE EXAMINER'S HEARINGS

Upon the conclusion of any hearing before an Examiner, the Examiner shall promptly consider the proceedings in such hearing, and based upon the record of such hearing the Examiner shall prepare his written report and recommendations for the disposition of the matter of proceeding by the Commission. Such report and recommendations shall either be accompanied by a proposed order or shall be in the form of a proposed order, and shall be submitted to the Commission with the certified record of the hearing.

RULE 1219. DISPOSITION OF CASES HEARD BY EXAMINERS

After receipt of the report and recommendations of the Examiner, the Commission shall either enter its order disposing of the matter or proceeding, or refer such matter or proceeding to the Examiner for further hearing.

RULE 1220. DE NOVO HEARING BEFORE COMMISSION

When any order has been entered by the Commission pursuant to any hearing held by an Examiner, any party adversely affected by such order shall have the right to have such matter or proceeding heard de novo before the Commission, provided that within 30 days from the date such order is rendered such party files with the Commission a written application for such hearing before the Commission. If such application is filed, the matter or proceeding shall be set for hearing before the Commission at the next regular hearing date following the expiration of fifteen days from the date such application is filed with the Commission. Any person affected by the order or decision rendered by the Commission after hearing before the Commission may apply for rehearing pursuant to and in accordance with the provisions of Rule 1222, and said Rule 1222 together with the law applicable to rehearings and appeals in matters and proceedings before the Commission shall thereafter apply to such matter or proceeding.

RULE 1221. NOTICE OF COMMISSION'S ORDERS

Within ten days after any order, including any order granting or refusing rehearing, or order following rehearing, has been rendered by the Commission, a copy of such order shall be mailed by the Commission to each person or his attorney of record who has entered his appearance of record in the matter of proceeding pursuant to which such order is rendered.

RULE 1222. REHEARINGS

Within 20 days after entry of any order or decision of the Commission any person affected thereby may file with the Commission an application for rehearing in respect of any matter determined by such order or decision, setting forth the respect in which such order or decision is believed to be erroneous. The Commission shall grant or refuse any such application in whole or in part within 10 days after the same is filed and failure to act thereon within such period shall be deemed a refusal thereof and a final disposition of such application. In the event the rehearing is granted, the Commission may enter such new order or decision after rehearing as may be required under the circumstances.

RULE 1223. CHANGES IN FORMS AND REPORTS

Any change in the forms and reports or rules relating to such forms and reports shall be made only by order of the Commission issued after due notice and hearing.

RULE 1301. DISTRICT OFFICES

To expedite administration of the work of the Commission and the enforcement of its rules and regulations, the State shall be divided into four districts as follows:

DISTRICT 1 — Lea, Roosevelt, and Curry Counties, and that portion of Chaves County lying East of the North-South Line dividing Ranges 29 and 30 East, NMPM, with office at Hobbs.

DISTRICT 2 — Eddy, Otero, Dona Ana, Luna, Hidalgo, Grant, Sierra, Lincoln, and De Baca Counties, and that portion of Chaves County lying West of the North-South line dividing Ranges 29 and 30 East, NMPM, with office at Artesia.

DISTRICT 3 — San Juan, Rio Arriba, McKinley, and Sandoval Counties, with office at Aztec.

DISTRICT 4 — Remainder of state, office of the Oil Conservation Commission, Santa Fe

Each district office shall be under the charge of an oil and gas inspector, a deputy oil and gas inspector or a member of the Commission. Unless otherwise specifically required, all matters pertaining to the Commission shall be taken care of through the district office of the district in which the land that is affected lies.

RULE 1302. WHERE TO FILE REPORTS AND FORMS

All reports and forms required by the rules to be filed with the Commission shall be filed in the number and at the time specified on each such printed report or form. However, all copies of reports and forms required to be filed with the Commission shall, except as hereinafter stated, be filed at the district office of the district in which the land that is the subject matter of the report lies. All plugging bonds shall be filed directly in the Commission Office at Santa Fe. A list of all plugging bonds in force and approved shall be kept in each district office.

RULE 1303. DUTIES AND AUTHORITY OF FIELD PERSONNEL

Oil and gas inspectors, deputy oil and gas inspectors, scouts, engineers and geologists duly appointed by the Commission have the authority and duty to enforce the rules and regulations of the Commission. Only oil and gas inspectors and their deputies shall have discretion to allow minor deviations from requirements of the rules as to field practices where, by so doing, waste will be prevented or burdensome delay or expenses on the part of the operator will be avoided.

RULE 1304. NUMBERING OF COMMISSION ORDERS

All orders of the Commission made after 1 January 1950 pertaining to allocation

of the production of oil or gas shall be prefixed with the letter "A" and shall be numbered consecutively, commencing with No. 1 - i.e., the first allocation order issued after 1 January 1950 shall be No. A-1, and the next shall be No. A-2.

All other orders of the Commission made after 1 January 1950 shall be prefixed with the letter "R" and shall be consecutively numbered, commencing with the number 1 - i.e., the first such order issued after 1 January 1950 shall be No. R-1, and the next shall be No. R-2.

NEW MEXICO STATUTES ANNOTATED

1953 COMPILATION

CHAPTER 65

ARTICLE 3

REGULATION OF OIL AND GAS WELLS

ARTICLE 9

UNDERGROUND STORAGE OF NATURAL GAS

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65-3-1. STATE GEOLOGIST - APPOINTMENT - ASSISTANTS - DUTIES - SALARIES.

The governor of the State of New Mexico is hereby authorized to appoint a state geologist who in turn is hereby authorized to appoint with the approval of the commissioner of public lands, such inspectors, clerks ad additional assistants as he may deem necessary to properly carry out the provisions of this act. Such geologist shall be at all times under the direction and supervision of the commissioner of public lands and shall collect and compile information relative to oil and gas development and production within the state which may affect state lands, and prepare maps and reports necessary and expedient for the proper supervision and leasing of lands belonging to the state for oil and gas purposes. The salary of the geologist shall be not more than three thousand six hundred dollars ($3,600.00) per annum, and the salaries of the other employees of the geologist's office shall be as the state land commissioner approves in each instance, which salaries and expenses shall be paid out of the state land office maintenance fund.

65-3-2. WASTE PROHIBITED.

The production or handling of crude petroleum oil or natural gas of any type or in any form, or the handling of products thereof, in such manner or under such conditions or in such amounts as to constitute or result in waste is each hereby prohibited.

65-3-3. WASTE - DEFINITIONS.

As used in this act, the term "waste," in addition to its ordinary meaning, shall include:

(a) "Underground waste" as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper, use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas.

(b) "Surface Waste" as those words are generally understood in the oil and gas business, and in any event to embrace the unnecessary or excessive surface loss or destruction without beneficial use, however caused, of natural gas of any type or in any form or crude petroleum oil, or any product thereof, but including the loss or destruction, without beneficial use, resulting from evaporation, seepage, leakage or fire, especially such loss or destruction incident to or resulting from the manner of spacing, equipping, operating, or producing, well or wells, or incident to or resulting from the use of inefficient storage or from the production of crude petroleum oil or natural gas in excess of the reasonable market demand.

(c) The production of crude petroleum oil in this state in excess of the reasonable market demand for such crude petroleum oil. Such excess production causes or results in waste which is prohibited by this Act. The words "reasonable market demand," as used herein with respect to crude petroleum oil, shall be construed to mean the demand for such crude petroleum oil for reasonable current requirements for current consumption and use within or outside the State, together with the demand for such amounts as are reasonably necessary for building up or maintaining reasonable storage reserves of crude petroleum oil or the products thereof, or both such crude petroleum oil and products.

(d) The non-ratable purchase or taking of crude petroleum oil in this State. Such non-ratable taking and purchasing causes or results in waste, as defined in the subsections (a), (b), (c) of this section and causes waste by violating Section 12 (a) of this act. (65-3-13)

(e) The production in this State of natural gas from any gas well or wells, or from any gas pool, in excess of the reasonable market demand from such source of natural gas of the type produced or in excess of the capacity of gas transportation facilities for such type of natural gas. The words "reasonable market demand," as used herein with respect to natural gas, shall be construed to mean the demand for natural gas for reasonable current requirements, for current consumption and for use within or outside the State, together with the demand for such amounts as are necessary for building up or maintaining reasonable storage reserves of natural gas or products thereof, or both such natural gas and products.

65-3-4. OIL CONSERVATION COMMISSION-MEMBERS-TERM-EXPENSES-OFFICERS-QUORUM-POWER TO ADMINISTER OATHS.

There is hereby created an Oil Conservation Commission, hereinafter in this Act called the "Commission," to be composed of the Governor of this State, the Commissioner of Public Lands and the State Geologist; provided that the Governor may appoint some practical oil man, a resident of this State, to serve in the place and stead of the Governor as a member of said Commission. No salary or compensation shall be paid any member of the Commission for his services as a member thereof, but the actual and necessary expenses of the members of said Commission, incurred or expended in the performance of the duties imposed on said Commission, shall be paid out of the Oil Conservation Fund hereinafter created, provided that if the State Geologist shall hold any other State office his salary may be adjusted by the Governor, and such Geologist paid part of his salary out of the Oil Conservation Fund. The term of office of each member of the Commission shall be concurrent with the other office held by him except that if the Governor shall appoint a practical oil man to serve in his place and stead, the term of office of the person so appointed shall expire with the term of the Governor by whom he shall have been appointed. The Commission shall organize by electing a chairman from its membership, and shall appoint a Secretary. Two members of the Commission shall constitute a quorum for all purposes. The Commission shall adopt a seal and such seal

affixed to any paper signed by the Secretary of the Commission shall be prima facie evidence of the due execution thereof. The Attorney General shall be the attorney for the Commission. Any member of the Commission, or the secretary thereof, or any employee of the Commission, shall have power to administer oaths to any witness in any hearing, investigation or proceeding contemplated by this Act or by any other law of this State relating to the conservation of oil or gas.

65-3-5. COMMISSION'S POWERS AND DUTIES

The Commission shall have, and it is hereby given, jurisdiction and authority over all matters relating to the conservation of oil and gas in this State, and of the enforcement of all the provisions of this Act and of any other law of this State relating to the conservation of oil or gas. It shall have jurisdiction and control of and over all persons or things necessary or proper to enforce effectively the provisions of this Act or any other law of this State relating to the conservation of oil or gas.

65-3-6. RULES OF PROCEDURE IN HEARINGS - MANNER OF GIVING NOTICE - RECORD OF RULES, RECULATIONS AND ORDERS.

The Commission shall prescribe its rules of order or procedure in hearing or other proceedings before it under this Act. Any notice required to be given under this Act or under any rule, regulation or order prescribed by the Commission shall be by personal service on the person affected, or by publication once in a newspaper of general circulation published at Santa Fe, New Mexico, and once in a newspaper of general circulation published in the county or each of the counties if there be more than one, in which any land, oil or gas or other property which may be affected shall be situated. Such notice shall issue in the name of "the State of New Mexico" and shall be signed by at least a majority of the members of the Commission or by the Secretary of the Commission, and the seal of the Commission shall be impressed thereon, and it shall specify the number and style of the case, and the time and place of hearing, shall briefly state the general nature of the order or orders, rule or rules, or regulation or regulations contemplated by the Commission on its own motion or sought in a proceeding brought before the Commission, the name of the petitioner, or applicant, and, unless the order, rule or regulation is intended to apply to and affect the entire State, it shall specify or generally describe the common source or sources of supply that may be affected by such order, rule or regulation. Personal service thereof may be made by any agent of the Commission or by any person over the age of eighteen years, in the same manner as is provided by law for the service of summons in civil actions in the district courts of this State. Such service shall be complete at the time of such personal service or on the date of such publication, as the case may be. Proof of service shall be the affidavit of the person making personal service, or of the publisher of the newspaper in which publication is had, as the case may be. All rules, regulations and orders made by the Commission shall be entered in full by the Secretary thereof in a book to be kept for such purpose by the Commission, which shall be a public record and open to inspection at all times during reasonable office hours. A copy of any such rule, regulation or order, certified by the Secretary of the Commission under the seal of the Commission, shall be received in evidence in all courts of the State with the same effect as the original.

65-3-7. SUBPOENA POWER IMMUNITY OF NATURAL PERSONS REQUIRED TO TESTIFY.

The Commission, or any member thereof, is hereby empowered to subpoena witnesses, to require their attendance and giving of testimony before it, and to require the production of books, papers, and records in any proceeding before the Com-

mission. No person shall be excused from attending and testifying or from producing books, papers and records before the Commission, or from obedience to the subpoena of the said Commission, whether such subpoena be signed or issued by one or more of the members of the said Commission, in any hearing, investigation or proceeding held by or before the said Commission or in any cause or proceeding in any court by or against the said Commission, relative to matters within the jurisdiction of said Commission, on the ground or for the reason that the testimony or evidence, documentary or otherwise, required of him may tend to incriminate him or subject him to a penalty or forfeiture; provided that nothing herein contained shall be construed as requiring any person to produce any books, papers or records, or to testify in response to any inquiry not pertinent to some question lawfully before such Commission or court for determination. No natural person shall be subjected to criminal prosecution, or to any penalty or forfeiture for or on account of any transaction, matter or thing concerning which he may be required to testify, or produce evidence, documentary or otherwise, before said Commission, or in obedience to its subpoena, or in any cause or proceeding, provided, that no person testifying shall be exempted from prosecution and punishment for perjury committed in so testifying.

65-3-8. FAILURE OR REFUSAL TO COMPLY WITH SUBPOENA - REFUSAL TO TESTIFY - BODY ATTACHMENT - CONTEMPT.

In case of failure or refusal on the part of any person to comply with any subpoena issued by said Commission or any member thereof, or on the refusal of any witness to testify or answer as to any matters regarding which he may be lawfully interrogated, any district court in this State, or any judge thereof, on application of said Commission, may issue an attachment for such person and compel him to comply with such subpoena and to attend before the Commission and produce such documents, and give his testimony upon such matters as may be lawfully required, and such court or judge shall have the power to punish for contempt as in case of disobedience of a like subpoena issued by or from such court, or a refusal to testify therein.

65-3-9. PERJURY - PUNISHMENT.

If any person of whom an oath shall be required under the provisions of this act, or by any rule, regulation or order of the Commission, shall wilfully swear falsely in regard to any matter or thing respecting which such oath is required, or shall wilfully make any false report or affidavit required or authorized by the provisions of this act, or by any rule, regulation or order of the Commission, such person shall be deemed guilty of perjury and shall be punished by imprisonment in the State penitentiary for not more than five years nor less than six months.

65-3-10. POWER OF COMMISSION TO PREVENT WASTE AND PROTECT CORRELATIVE RIGHTS

The Commission is hereby empowered, and it is its duty, to prevent the waste prohibited by this Act and to protect correlative rights, as in this Act provided. To that end, the Commission is empowered to make and enforce rules, regulations and orders, and to do whatever may be reasonably necessary to carry out the purposes of this Act, whether or not indicated or specified in any section hereof.

65-3-11. ENUMERATION OF POWERS.

Included in the power given to the Commission is the authority to collect data; to make investigations and inspections; to examine properties, leases, papers, books and records; to examine, check, test and gauge oil and gas wells, and tanks, plants, refineries, and all means and modes of transportation and equipment; to hold

hearings; to provide for the keeping of records and the making or reports and for the checking of the accuracy thereof; to limit and prorate production of crude petroleum oil or natural gas, or both, as in this act provided; to require either generally or in particular areas certificates of clearance or tenders in connection with the transportation of crude petroleum oil or natural gas or any products thereof, or both oil and products, or both such natural gas and products.

Apart from any authority, express or implied, elsewhere given to or existing in the Commission by virtue of this act or the statutes of this State, the Commission is hereby authorized to make rules, regulations and orders for the purposes and with respect to the subject matter stated herein, viz:

(1) To require dry or abandoned wells to be plugged in such ways as to confine the crude petroleum oil, natural gas, or water in the strata in which they are found, and to prevent them from escaping into other strata; the Commission may require a bond of not to exceed Ten Thousand ($10,000.00) dollars conditioned for the performance of such regulation;

(2) To prevent crude petroleum oil, natural gas, or water from escaping from strata in which they are found into another stratum or other strata;

(3) To require reports showing locations of all oil or gas wells and for the filing of logs and drilling records or reports;

(4) To prevent the drowning by water of any stratum or part thereof capable of producing oil or gas, or both oil and gas, in paying quantities, and to prevent the premature and irregular encroachment of water, or any other kind of water encroachment which reduces or tends to reduce the total ultimate recovery of crude petroleum oil or gas, or both such oil and gas, from any pool;

(5) To prevent fires;

(6) To prevent "blow-outs" and "caving" in the sense that the conditions indicated by such terms are generally understood in the oil and gas business.

(7) To require wells to be drilled, operated and produced in such matter as to prevent injury to neighboring leases or properties;

(8) To identify the ownership of oil or gas producing leases, properties, wells, tanks, refineries, pipe lines, plants, structures, and all transportation equipment and facilities;

(9) To require the operation of wells with efficient gas-oil ratios and to fix such ratios;

(10) To fix the spacing of wells;

(11) To determine whether a particular well or pool is a gas or oil well, or a gas or oil pool, as the case may be, and from time to time to classify and reclassify wells and pools accordingly;

(12) To determine the limits of any pool or pools producing crude petroleum oil or natural gas or both, and from time to time to redetermine such limits;

(13) To regulate the methods and devices employed for storage in this State of oil or natural gas or of any product, including the subsurface storage of natural gas; or

(14) To permit the injection of natural gas or of any other substance into any pool in this state for the purpose of repressuring, cycling, pressure maintenance or secondary recovery operations.

(15) To regulate the disposition of water produced or used in connection with the drilling for or production of oil or gas, or both, and to direct surface or subsurface disposal of such water in a manner that will afford reasonable protection against contamination of fresh water supplies designated by the state engineer.

65-3-11.1. ADDITIONAL POWERS OF COMMISSION - HEARINGS BEFORE EXAMINER - HEARINGS DE NOVO.

In addition to the powers and authority, either express or implied, granted to the Oil Conservation Commission by virtue of the statutes of the State of New Mexico, the Commission is hereby authorized and empowered in prescribing its rules of order or procedure in connection with hearings or other proceedings before the Commission to provide for the appointment of one (1) or more examiners to be members of the staff of the commission to conduct hearings with respect to matters properly coming before the Commission and to make reports and recommendations to the Commission with respect thereto. Any member of the Commission may serve as an examiner as provided herein. The Commission shall promulgate rules and regulations with regard to hearings to be conducted before examiners and the powers and duties of the examiners in any particular case may be limited by order of the Commission to particular issues or to the performance of particular acts. In the absence of any limiting order, an examiner appointed to hear any particular case shall have the power to regulate all proceedings before him and to perform all acts and take all measures necessary or proper for the efficient and orderly conduct of such hearings, including the swearing of witnesses, receiving of testimony and exhibits offered in evidence subject to such objections as may be imposed and shall cause a complete record of the proceeding to be made and transcribed and shall certify the same to the Commission for consideration together with the report of the examiner and his recommendations in connection therewith. The Commission shall base its decision rendered in any matter or proceeding heard by an examiner, upon the transcript of testimony and record made by or under the supervision of the examiner in connection with such proceedings, and such decision shall have the same force and effect as if said hearing had been conducted before the members of said Commission. When any matter or proceeding is referred to an examiner and a decision is rendered thereon, any party adversely affected shall have the right to have said matter heard de novo before the Commission upon application filed with the Commission within 30 days from the time any such decision is rendered.

65-3-12. ALLOCATION OF ALLOWABLE PRODUCTION AMONG FIELDS WHEN COMMISSION LIMITS TOTAL AMOUNT OF PRODUCTION

Whenever, to prevent waste, the Commission limits the total amount of crude petroleum oil to be produced in this State, it shall allocate or distribute the allowable productions among the fields of the State. Such allocation or distribution among the fields of the State shall be made on a reasonable basis, giving, if reasonable under all circumstances, to each pool with small wells of settled production an allowable production which will prevent a general premature abandonment of the wells in the field.

65-3-13. ALLOCATION OF ALLOWABLE PRODUCTION IN FIELD OR POOL

(a) Whenever, to prevent waste, the total allowable production of

crude petroleum oil for any field or pool in the state is fixed by the Commission in an amount less than that which the field or pool could produce if no restriction were imposed, the Commission shall prorate or distribute the allowable production among the producers in the field or pool, upon a reasonable basis and recognizing correlative rights.

(b) Crude petroleum oil produced within the allowable as fixed by the Commission shall herein be referred to as "legal oil" and crude petroleum oil produced in excess of such allowable shall be "illegal oil."

(c) Whenever, to prevent waste, the total allowable natural gas production from gas wells producing from any pool in this state is fixed by the Commission in an amount less than that which the pool could produce if no restrictions were imposed, the Commission shall allocate the allowable production among the gas wells in the pool delivering to a gas transportation facility upon a reasonable basis and recognizing correlative rights, and shall include in the proration schedule of such pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. In protecting correlative rights the Commission may give equitable consideration to acreage, pressure, open flow, porosity, permeability, deliverability and quality of the gas and to such other pertinent factors as may from time to time exist, and in so far as is practicable, shall prevent drainage between producing tracts in a pool which is not equalized by counter-drainage. In allocating production pursuant to the provisions of Section 12 (c) the Commission shall fix proration periods of not less than six months. It shall determine reasonable market demand and make allocations of production during each such period, upon notice and hearing, at least 30 days prior to the beginning of each proration period. In so far as is feasible and practicable, gas wells having an allowable in a pool shall be regularly produced in proportion to their allowables in effect for the current poration period. Without approval of the Commission or one of its duly authorized agents, no natural gas well or pool shall be allowed to produce natural gas in excess of the allowable assigned to such source during any proration period; Provided, that during an emergency affecting a gas transportation facility a gas well or pool having high deliverability into such facility under prevailing conditions may produce and deliver in excess of its allowable for the period of emergency, not exceeding ten days, without penalty. The Commission may order subsequent changes in allowables for wells and pools to make fair and reasonable adjustment for overage resulting from the emergency. The provisions of this subsection shall not apply to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of this Act or of the rules, regulations or orders of the Commission.

(d) In fixing the allowable of a pool under Section 12 (c) herein, the Commission shall consider nominations of purchasers but shall not be bound thereby and shall so fix pool allowables as to prevent unreasonable discrimination between pools served by the same gas transportation facility by a purchaser purchasing in more than one pool.

(e) Natural gas produced from gas wells within the allowable as determined as provided in Section 12 (c) above shall herein be referred to as "legal gas," and natural gas produced in excess of such allowable shall be "illegal gas."

65-3-14. EQUITABLE ALLOCATION OF ALLOWABLE PRODUCTION - POOLING - SPACING.

(a) The rules, regulations, or orders of the Commission shall so far as it is practicable to do so, afford to the owner of each property in a pool the opportunity to

produce his just and equitable share of the oil or gas, or both, in the pool being an amount, so far as can be practically determined, and so far as such can be practicably obtained without waste, substantially in the proportion that the quantity of the recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas or both in the pool, and for this purpose to use his just and equitable share of the reservoir energy.

(b) The Commission may establish a proration unit for each pool, such being the area that can be efficiently and economically drained and developed by one well, and in so doing the Commission shall consider the economic loss caused by the drilling of unnecessary wells, the protection of correlative rights, including those of royalty owners, the prevention of waste, the avoidance of the augmentation of risks arising from the drilling of an excessive number of wells, and the prevention of reduced recovery which might result from the drilling of too few wells.

(c) When two (2) or more separately owned tracts of land are embraced within a spacing or proration unit, or where there are owners of royalty interests or undivided interests in oil and gas minerals which are separately owned or any combination thereof, embraced within such spacing or proration unit, the owner or owners thereof may validly pool their interests and develop their lands as a unit. Where, however, such owner or owners have not agreed to pool their interests, and where one such separate owner or owners, who has the right to drill has drilled or proposes to drill a well on said unit to a common source of supply, the Commission, to avoid the drilling of unnecessary wells or to protect correlative rights, or to prevent waste, shall pool all or any part of such lands or interests or both in the spacing or proration unit as a unit.

All orders effecting such pooling shall be made after notice and hearing, and shall be upon such terms and conditions as are just and reasonable and will afford to the owner or owners of each tract or interest in the unit the opportunity to recover or receive without unnecessary expense his just and fair share of the oil or gas, or both. Each order shall describe the lands included in the unit designated thereby, identify the pool or pools to which it applies and designate an operator for the unit. All operations for the pooled oil or gas, or both, which are conducted on any portion of the unit shall be deemed for all purposes to have been conducted upon each tract within the unit by the owner or owners of such tract. For the purpose of determining the portions of production owned by the persons owning interests in the pooled oil or gas, or both, such production shall be allocated to the respective tracts within the unit in the proportion that the number of surface acres included within each tract bears to the number of surface acres included in the entire unit. The portion of the production allocated to the owner or owners of each tract or interest included in a well spacing or proration unit formed by a pooling order shall, when produced, be considered as if produced from the separately owned tract or interest by a well drilled thereon. Such pooling order of the Commission shall make definite provision as to any owner, or owners, who elects not to pay his proportionate share in advance for the pro rata reimbursement solely out of production to the parties advancing the costs of development and operation which shall be limited to the actual expenditures required for such purpose not in excess of what are reasonable, but which shall include a reasonable charge for supervision and may include a charge for the risk involved in the drilling of such well, which charge for risk shall not exceed fifty per cent (50%) of the nonconsenting working interest owner or owners' pro rata share of the cost of drilling and completing the well.

In the event of any dispute relative to such costs, the Commission shall determine the proper costs after due notice to interested parties and a hearing thereon. The Commission is specifically authorized to provide that the owner or owners drilling, or pay-

ing for the drilling, or for the operation of a well for the benefit of all shall be entitled to all production from such well which would be received by the owner, or owners, for whose benefit the well was drilled or operated, after payment of royalty as provided in the lease, if any, applicable to each tract or interest, and obligations payable out of production, until the owner or owners drilling or operating the well or both have been paid the amount due under the terms of the pooling order or order settling such dispute. No part of the production or proceeds accruing to any owner or owners of a separate interest in such unit shall be applied toward the payment of any cost properly chargeable to any other interest in said unit.

If the interest of any owner or owners of any unleased mineral interest is pooled by virtue of this act (65-3-2 to 65-3-13, 65-3-18 to 65-3-21), seven-eights of such interest shall be considered as a working interest and one-eighth shall be considered a royalty interest, and he shall in all events be paid one-eighth of all production from the unit and creditable to his interest.

(d) Minimum allowable for some wells may be advisable from time to time, especially with respect to wells already drilled when this act takes effect, to the end that the production will repay reasonable lifting cost and thus prevent premature abandonment and resulting waste.

(e) Whenever it appears that the owners in any pool have agreed upon a plan for the spacing of wells, or upon a plan or method of distribution of any allowable fixed by the Commission for the pool, or upon any other plan for the development or operation of such pool, which plan, in the judgment of the Commission, has the effect of preventing waste as prohibited by this act and is fair to the royalty owners in such pool, then such plan shall be adopted by the Commission with respect to such pool; however, the Commission, upon hearing and after notice, may subsequently modify any such plan to the extent necessary to prevent waste as prohibited by this act.

(f) After the effective date of any rule, regulation or order fixing the allowable production, no person shall produce more than the allowable production applicable to him, his wells, leases or properties determined as in this act provided, and the allowable production shall be produced in accordance with the applicable rules, regulations or orders.

65-3-15. COMMON PURCHASERS - DISCRIMINATION IN PURCHASING PROHIBITED.

(a) Every person now engaged or hereafter engaging in the business of purchasing oil to be transported through pipe lines, shall be a common purchaser thereof, and shall, without discrimination in favor of one producer as against another in the same field, purchase all oil tendered to it which has been lawfully produced in the vicinity of, or which may be reasonably reached by pipe lines through which it is transporting oil, or the gathering branches thereof, or which may be delivered to the pipe line or gathering branches thereof by truck or otherwise, and shall fully perform all the duties of a common purchaser. If any common purchaser shall not have need for all such oil lawfully produced within a field, or if for any reason it shall be unable to purchase all such oil, then it shall purchase from each producer in a field ratably, taking and purchasing the same quantity of oil from each well to the extend that each well is capable of producing its ratable portions, provided however, nothing herein contained shall be construed to require more than one pipe line connection for each producing well. In the event any such common purchaser of oil is likewise a producer or is affiliated with a producer, directly, or indirectly, it is hereby expressly prohibited from discriminating in favor of its own production or in favor of the production of an affiliated producer as against that of others and the oil produced by such common pur-

chaser or by the affiliate of such common purchaser shall be treated as that of any other producer for the purpose of ratable taking.

(b) It shall be unlawful for any common purchaser to unjustly or unreasonably discriminate as to the relative quantities of oil purchased by it in the various fields of the state; the question of the justice or reasonableness to be determined by the Commission, taking into consideration the production and age of wells in the respective fields and all other factors. It is the intent of this act that all fields shall be allowed to produce and market a just and equitable share of the oil produced and marketed in the state, insofar as the same can be effected economically and without waste.

(c) It shall be the duty of the Commission to enforce the provisions of this act, and it shall have the power, after notice and hearing as provided in Section 15 of Chapter 72 of the Session Laws of New Mexico, 1935, to make rules, regulations and orders defining the distance that extension of the pipe line system shall be made to all wells not served; provided that no such authorization or order shall be made unless the Commission finds as to such extension that it is reasonably required and economically justified, or as to such extension of facilities that the expenditures involved therein, and the expense incident thereto, is justified in relation to the volume of oil available for transportation through said extension; and such other rules, regulations and orders as may be necessary to carry out the provisions of this act, and in making such rules, regulations and orders, the Commission shall give due consideration to the economic factors involved. The Commission shall have authority to relieve such common purchaser, after due notice and hearings as herein provided, from the duty of purchasing crude petroleum oil of inferior quality or grade or that is not reasonably suitable for the requirements of such common purchaser.

(d) Any person now or hereafter engaged in purchasing from one or more producers gas produced from gas wells shall be a common purchaser thereof within each common source of supply from which it purchases, and as such it shall purchase gas lawfully produced from gas wells with which its gas transportation facilities are connected in the pool and other gas lawfully produced within the pool and tendered to a point on its gas transportation facilities. Such purchase shall be made without unreasonable discrimination in favor of one producer against another in the price paid, the quantities purchased, the bases of measurement or the gas transportation facilities afforded for gas of like quantity, quality and pressure available from such wells. In the event any such person is likewise a producer, he is prohibited to the same extent from discriminating in favor of himself on production from gas wells in which he has an interest, direct or indirect, as against other production from gas wells in the same pool. For the purposes of this act reasonable differences in prices paid or facilities afforded, or both, shall not constitute unreasonable discrimination if such differences bear a fair relationship to differences in quality, quantity or pressure of the gas available or to the relative lengths of time during which such gas will be available to the purchaser. The provisions of this subsection shall not apply (1) to any wells or pools used for storage and withdrawal from storage of natural gas originally produced not in violation of this act or of the rules, regulations or orders of the Commission, (2) to purchases of casinghead gas from oil wells, and (3) to persons purchasing gas principally for use in the recovery or production of oil or gas.

(e) Any common purchaser taking gas produced from gas wells from a common source of supply shall take ratably under such rules, regulations and orders, concerning quantity, as may be promulgated by the Commission consistent with this act. The Commission, in promulgating such rules, regulations and orders may consider the quality and the deliverability of the gas, the pressure of the gas at the point of delivery,

acreage attributable to the well, market requirements in the case of unprorated pools, and other pertinent factors.

(f) Nothing in this act shall be construed or applied to require, directly or indirectly, any person to purchase gas of a quality or under a pressure or under any other condition by reason of which such gas cannot be economically and satisfactorily used by such purchaser by means of his gas transportation facilities then in service.

65-3-18. PURCHASE, SALE OR HANDLING OF EXCESS OIL, NATURAL GAS OR PRODUCTS PROHIBITED.

(a) The sale or purchase or acquisition, or the transportation, refining, processing, or handling in any other way, of crude petroleum oil or natural gas in whole or in part produced in excess of the amount allowed by any statute of this State, or by any provision of this act, or by any rule, regulation or order of the Commission made thereunder, is hereby prohibited, and such oil or commodity is hereby referred to as "illegal oil" or "illegal gas," as the case may be.

(b) The sale or purchase or acquisition, or the transportation, refining, processing or the handling in any other way, of any product of crude petroleum or any product of natural gas, which product is derived in whole or in part from crude petroleum oil or natural gas produced in whole or in part in excess of the amount allowed by any statute of this state, or by any provisions of this act, or by any rule, regulation or order of the Commission made thereunder, is hereby prohibited, and each such commodity or product is herein referred to as "illegal oil product" to distinguish it from "legal oil product," or "illegal gas product" to distinguish it from "legal gas product."

65-3-19. RULES AND REGULATIONS TO EFFECTUATE PROHIBITIONS AGAINST PURCHASE OR HANDLING OF EXCESS OIL OR NATURAL GAS - PENALTIES.

(a) The Commission is specifically authorized and directed to make such rules, regulations and orders, and may provide for such certificates of clearance or tenders, as may be necessary to make effective the prohibitions contained in Section 15. (65-3-18).

(b) Unless and until the Commission provides for certificates of clearance or tenders, or some other method, so that any person may have an opportunity to determine whether any contemplated transaction of sale or purchase or acquistion, or of transportation, refining, processing, or handling in any other way, involves illegal oil or illegal oil product, or illegal gas or illegal gas product, no penalty shall be imposed for the sale or purchase or acquisition, or the transportation, refining, processing, or handling in any other way, of illegal oil or illegal oil product, or illegal gas or illegal gas product, except under circumstances stated in the succeeding provisions of this paragraph. Penalties shall be imposed for the commission of each transaction prohibited in Section 15 when the person committing the same knows that illegal oil or illegal oil product, or illegal gas or illegal gas product, is involved in such transaction, or when such person could have known or determined such fact by the exercise of reasonable diligence or from facts within his knowledge. However, regardless of lack of actual notice or knowledge, penalties as provided in this act shall apply to any sale or purchase or acquisition, and to the transportation, refining, processing, or handling

in any other way, of illegal oil or illegal oil product, or illegal gas or illegal gas product where administrative provision is made for identifying the character of the commodity as to its legality. It shall likewise be a violation for which penalties shall be imposed for any person to sell or purchase or acquire, or to transport, refine, process, or handle in any way crude petroleum oil or natural gas or any product thereof without complying with the rule, regulation or order of the Commission relating thereto.

65-3-20. HEARINGS ON RULES, REGULATIONS AND ORDERS - NOTICE - EMERGENCY RULES.

Except as provided for herein, before any rule, regulation or order, including revocation, change, renewal or extension thereof, shall be made under the provisions of this act, a public hearing shall be held at such time, place and manner as may be prescribed by the Commission. The Commission shall first give reasonable notice of such hearing (in no case less than ten days, except in an emergency) and at any such hearing any person having an interest in the subject matter of the hearing shall be entitled to be heard. In case an emergency is found to exist by the Commission which in its judgment requires the making of a rule, regulation or order without first having a hearing, such emergency rule, regulation or order shall have the same validity as if a hearing with respect to the same had been held after due notice. The emergency rule, regulation or order permitted by this section shall remain in force no longer than fifteen days from its effective date, and, in any event, it shall expire when the rule, regulation or order made after due notice and hearing with respect to the subject matter of such emergency rule, regulation or order becomes effective.

65-3-21. REPORTS OF GOVERNMENTAL DEPARTMENTS OR AGENCIES AS TO MARKET DEMAND TO BE DEEMED PRIMA FACIE CORRECT.

The reports, estimates, findings of fact, or similar documents or findings of the United States Bureau of Mines, or of any other department or agency of the United States Government, or of any bureau or agency under an interstate compact to which the State of New Mexico is a party made with respect to the reasonable market demand for crude petroleum oil, may be considered by the Commission or by any court and taken as being prima facie correct.

65-3-22. REHEARINGS - APPEALS.

(a) Within twenty (20) days after entry of any order or decision of the Commission, any person affected thereby may file with the Commission an application for rehearing in respect of any matter determined by such order or decision, setting forth the respect in which such order or decision is believed to be erroneous. The Commission shall grant or refuse any such application in whole or in part within ten (10) days after the same is filed and failure to act thereon within such period shall be deemed a refusal thereof and a final disposition of such application. In the event the rehearing is granted, the Commission may enter such new order or decision after rehearing as may be required under the circumstances.

(b) Any party to such rehearing proceeding, dissatisfied with the disposition of the application for rehearing, may appeal therefrom to the District Court of the county wherein is located any property of such party affected by the decision, by filing a petition for the review of the action of the Commission within twenty (20) days after the entry of the order following rehearing or after the refusal or rehearing as the case may be. Such petition shall state briefly the nature of the proceedings before the Commission and shall set forth the order or decision of the Commission complained of and the grounds of invalidity thereof upon which the applicant will rely, provided, how-

ever, that the questions reviewed on appeal shall be only questions presented to the Commission by the application for rehearing. Notice of such appeal shall be served upon the adverse party or parties and the Commission in the manner provided for the service of summons in civil proceedings. The trial upon appeal shall be de novo, without a jury, and the transcript of proceedings before the Commission, including the evidence taken in hearings by the Commission, shall be received in evidence by the court in whole or in part upon offer by either party, subject to legal objections to evidence, in the same manner as if such evidence was originally offered in the District Court. The Commission action complained of shall be prima facie valid and the burden shall be upon the party or parties seeking review to establish the invalidity of such action of the Commission. The Court shall determine the issues of fact and of law and shall, upon a preponderance of the evidence introduced before the Court, which may include evidence in addition to the transcript of proceedings before the Commission, and the law applicable thereto, enter its order either affirming, modifying, or vacating the order of the Commission. In the event the Court shall modify or vacate the order or decision of the Commission, it shall enter such order in lieu thereof as it may determine to be proper. Appeals may be taken from the judgment or decision of the District Court to the Supreme Court in the same manner as provided for appeals from any other final judgment entered by a District Court in this State. The trial of such application for relief from action of the Commission and the hearing of any appeal to the Supreme Court from the Action of the District Court shall be expedited to the fullest possible extent.

(c) The pendency of proceedings to review shall not of itself stay or suspend operation of the order or decision being reviewed, but during the pendency of such proceedings, the District Court in its discretion may, upon its own motion or upon proper application of any party thereto, stay or suspend, in whole or in part, operation of said order or decision pending review thereof, on such terms as the court deems just and proper and in accordance with the practice of courts exercising equity jurisdiction; provided; that the court, as a condition to any such staying or suspension of operation of any order or decision, may require that one or more parties secure, in such form and amount as the court may deem just and proper, one or more other parties against loss or damage due to the staying or suspension of the Commission's order or decision, in the event that the action of the Commission shall be affirmed.

(d) The applicable rules of practice and procedure in civil cases for the courts of this state shall govern the proceedings for review, and any appeal thereform to the Supreme Court of this state, to the extent such rules are consistent with provisions of this act.

65-3-23. TEMPORARY RESTRAINING ORDER OR INJUNCTION - GROUNDS - HEARING - BOND.

(a) No temporary restraining order or injunction of any kind shall be granted against the Commission or the members thereof, or against the Attorney General, or against any agent, employee or representative of the Commission restraining the Commission, or any of its members, or any of its agents, employees or representatives, or the Attorney General, from enforcing any statute of this state relating to conservation of oil or gas, or any of the provisions of this act, or any rule, regulation or order made thereunder, except after due notice to the members of the Commission, and to all other defendants, and after a hearing at which it shall be clearly shown to the court that the act done or threatened is without sanction of law, or that the provision of this act, or the rule, regulation or order complained of, is invalid, and that, if enforced against the complaining party, will cause an irreparable injury. With respect to an order or decree granting temporary injunctive relief, the nature and extent of the probable invalidity of the statute, or of any provision of this Act, or of any rule,

regulation or order thereunder involved in such suit, must be recited in the order or decree granting the temporary relief, as well as a clear statement of the probable damage relied upon by the court as justifying temporary injunctive relief.

(b) No temporary injunction of any kind, including a temporary restraining order against the Commission or the members thereof, or its agents, employees or representatives, or the Attorney General, shall become effective until the plaintiff shall execute a bond to the State with sufficient surety in an amount to be fixed by the court reasonably sufficient to indemnify all persons who may suffer damage by reason of the violation pendente lite by the complaining party of the statute or the provisions of this act or of any rule, regulation or order complained of. Any person so suffering damage may bring suit thereon before the expiration of six months after the statute, provision, rule, regulation or order complained of shall be finally held to be valid, in whole or in part, or such suit against the Commission, or the members thereof, shall be finally dismissed. Such bond shall be approved by the judge of the court in which the suit is pending, and shall be for the use and benefit of all persons who may suffer damage by reason of the violation pendente lite of the statute, provision, rule, regulation or order complained of in such suit, and who may bring suit within the time prescribed by this section; and such bond shall be so conditioned. From time to time, on motion and with notice to the parties, the court may increase or decrease the amount of the bond and may require new or additional sureties, as the facts may warrant.

65-3-24. ACTIONS FOR VIOLATIONS.

Whenever it shall appear that any person is violating, or threatening to violate, any statute of this State with respect to the conservation of oil, or gas, or both, or any provision of this act, or any rule, regulation or order made thereunder, the Commission, through the Attorney General, shall bring suit against such person in the county of the residence of the defendant, or in the county of the residence of any defendant if there be more than one defendant, or in the county where the violation is alleged to have occurred, for penalties, if any are applicable, and to restrain such person from continuing such violation or from carrying out the threat of violation. In such suit the Commission may obtain injunctions, prohibitory and mandatory, including temporary restraining orders and temporary injunctions, as the facts may warrant, including when appropriate, an injunction restraining any person from moving or disposing of illegal oil or illegal oil product, or illegal gas or illegal gas product, and any or all such commodities, or funds derived from the sale thereof, may be ordered to be impounded or placed under the control of an agent appointed by the court if, in the judgment of the court, such action is advisable.

65-3-25. ACTIONS FOR DAMAGES - INSTITUTION OF ACTIONS FOR INJUNCTIONS BY PRIVATE PARTIES.

Nothing in this act contained or authorized, and no suit by or against the Commission, and no penalties imposed or claimed against any person for violating any statute of this state with respect to conservation of oil and gas, or any provision of this act, or any rule, regulation or order issued thereunder, shall impair or abridge or delay any cause of action for damages which any person may have or assert against any person violating any statute of this state with respect to conservation of oil and gas, or any provision of this act, or any rule, regulation or order issued thereunder. Any person so damaged by the violation may sue for and recover such damages as he may be entitled to receive. In the event the Commission should fail to bring suit to enjoin any actual or threatened violation of any statute of this state with respect to the conservation of oil and gas, or of any provision of this act or of any rule, regulation or order made thereunder, then any person or party in interest adversely affected

by such violation, and who has notified the Commission in writing of such violation or threat thereof and has requested the Commission to sue, may, to prevent any or further violation, bring suit for that purpose in the District Court of any county in which the Commission could have brought suit. If in such suit, the court holds that injunctive relief should be granted, then the Commission shall be made a part and shall be substituted for the person who brought the suit, and the injunction shall be issued as if the Commission had at all times been the complaining party.

65-3-26. VIOLATION OF COURT ORDER GROUNDS FOR APPOINTMENT OF RECEIVER.

The violation by any person of an order of the court relating to the operation of a well or wells, or of a pipeline or other transportation, equipment or facility, or of a refinery, or of a plant of any kind, shall be sufficient ground for the appointment of a receiver with power to conduct operations in accordance with the order of the court.

65-3-27. PENALTIES FOR VIOLATIONS - ACCESSORIES.

(a) Any person who, for the purpose of evading this act, or of evading any rule, regulation or order made hereunder, shall knowingly and wilfully make or cause to be made any false entry or statement of fact in any report required to be made by this act or by any rule, regulation or order made hereunder or who, for such purpose, shall make or cause to be made any false entry in any account, record or memorandum kept by any person in connection with the provisions of this act or of any rule, regulation or order made thereunder; or who, for such purpose, shall omit to make, or cause to be omitted, full, true and correct entries in such accounts, records or memoranda, of all facts and transactions pertaining to the interest or activities in the petroleum industry of such person as may be required by the Commission under authority given in this act or by any rule, regulation or order made hereunder; or who, for such purpose, shall remove out of the jurisdiction of the state, or who shall mutilate, alter, or by any other means falsify, any book, record, or other paper pertaining to the transactions regulated by this act or by any rule, regulation or order made hereunder; - shall be deemed guilty of a felony and shall be subject upon conviction in any court of competent jurisdiction, to a fine of not more than one Thousand ($1,000.00) Dollars, or imprisonment for a term of not more than three years, or to both such fine and imprisonment.

(b) Any person who knowingly and wilfully violates any provision of this act or any rule, regulation or order of the Commission made hereunder, shall, in the event a penalty for such violation is not otherwise provided for herein, be subject to a penalty of not to exceed One Thousand ($1,000.00) Dollars a day for each and every day of such violation, and for each and every act of violation, such penalty to be recovered in a suit in the District Court of the county where the defendant resides, or in the county of the residence of any defendant if there be more than one defendant, or in the District Court of the County where the violation took place. The place of suit shall be selected by the Commission, and such suit, by direction of the Commission, shall be instituted and conducted in the name of the Commission, by the Attorney General or under his direction by the district attorney of the county where the suit is instituted. The payment of any penalty as provided for herein shall not have the effect of changing illegal oil or illegal gas into legal oil or legal gas, or illegal oil or illegal gas product into legal oil or legal gas product, nor shall such payment have the effect of authorizing the sale or purchase or acquisition,or the transportation, refining, processing, or handling in any other way, of such illegal oil or illegal gas, or illegal oil or

illegal gas product, but to the contrary penalty shall be imposed for each prohibited transaction relating to such illegal oil or illegal gas or illegal oil or illegal gas product.

(c) Any person knowingly and wilfully aiding or abetting any other person in the violation of any statute of this State relating to the conservation of oil and gas, or the violation of any provision of this act, or any rule, regulation or order made thereunder, shall be subject to the same penalties as are prescribed herein for the violation by such other person.

65-3-28. SEIZURE AND SALE OF ILLEGAL OIL OR GAS OR PRODUCTS - PROCEDURE.

(a) Apart from, and in addition to, any other remedy or procedure which may be available to the Commission, or any penalty which may be sought against or imposed upon any person, with respect to violations relating to illegal oil or illegal gas or illegal oil or illegal gas product shall, except under such circumstances as are stated herein, be contraband and shall be seized and sold, and the proceeds applied as herein provided. Such sale shall not take place unless the court shall find in the proceeding provided in this paragraph, that the owner of such illegal oil or illegal gas or illegal oil or illegal gas product is liable or in some proceeding authorized by this act, such owner has already been held to be liable, for penalty for having produced such illegal oil or illegal gas, or for having purchased or acquired such illegal oil or illegal gas or illegal oil or illegal gas product. Whenever the Commission believes that illegal oil or illegal gas or illegal oil or illegal gas product is subject to seizure and sale, as provided herein, it shall, through the Attorney General, bring a civil action in rem for that purpose in the District Court of the county where the commodity is found, or the action may be maintained in connection with any suit or crossaction for injunction or for penalty relating to any prohibited transaction involving such illegal oil or illegal gas or illegal oil or illegal gas product. Notice of the action in rem shall be given in conformity with the law or rule applicable to such proceeding. Any person or party in interest who may show himself to be adversely affected by any such seizure and sale shall have the right to intervene in said suit to protect his rights.

(b) Whenever the pleading with respect to the forfeiture of illegal oil or illegal gas or illegal oil or illegal gas product shows ground for seizure and sale, and such pleading is verified or is supported by affidavit or affidavits, or by testimony under oath, the court shall order such commodity to be impounded or placed under the control, actual or constructive, of the court through an agent appointed by the court.

(c) The judgment effecting the forfeiture shall provide that the commodity be seized, if not already under the control of the court, and that a sale be had in similar manner and with similar notice as provided by law or rule with respect to the sale of personal property under execution, provided, however, the court may order that the commodity be sold in specified lots or portions, and at specified intervals, instead of being sold at one time. Title to the amount sold shall pass as of the date of the seizure. The judgment shall provide for payment of the proceeds of the sale into the Common School Fund, after first deducting the costs in connection with the proceedings and the sale. The amount sold shall be treated as legal oil or legal gas or legal oil or legal gas product, as the case may be, in the hands of the purchaser, but the purchaser and the commodity shall be subject to all applicable laws and rules, regulations and orders with respect to further sale or purchase or acquisition, and with respect to the transportation, refining, processing, or handling in any other way, of the commodity purchased.

(d) Nothing in this section shall deny or abridge any cause of action a royalty owner, or any lien holder, or any other claimant, may have, because of the forfeiture of the illegal oil or illegal gas or illegal oil or illegal gas product, against the person whose act resulted in such forfeiture.

65-3-29. DEFINITIONS OF WORDS USED IN ACT.

Unless the context otherwise requires, the words defined in this section shall have the following meaning when found in this act, to-wit:

(a) "Person" means any natural person, corporation, association, partnership, receiver, trustee, guardian, executor, administrator and a fiduciary of any kind.

(b) "Pool" means an underground reservoir containing a common accumulation of crude petroleum oil or natural gas or both. Each zone of a general structure, which zone is completely separated from any other zone in the structure, is covered by the word "pool" as used herein. "Pool" is synonymous with "common source of supply" and with "Common Reservoir."

(c) "Field" means the general area which is underlaid or appears to be underlaid by at least one pool; and "field" also includes the underground reservoir or reservoirs containing such crude petroleum oil or natural gas, or both. The words "field" and "pool" means the same thing when only one underground reservoir is involved; however, "field" unlike "pool" may relate to two or more pools.

(d) "Product" means any commodity or thing made or manufactured from crude petroleum oil or natural gas, and all derivatives of crude petroleum oil or natural gas, including refined crude oil, crude tops, topped crude, processed crude petroleum, residue from crude petroleum, cracking stock, uncracked fuel oil, treated crude oil, fuel oil, residuum, gas oil, naptha, distillate, gasoline, kerosene, benzine, wash oil, waste oil, lubricating oil, and blends or mixtures of crude petroleum oil or natural gas or any derivative thereof.

(e) "Owner" means the person who has the right to drill into and to produce from any pool, and to appropriate the production either for himself or for himself and another.

(f) "Producer" means the owner of well or wells capable of producing oil or natural gas or both in paying quantities.

(g) "Gas transportation facility" means a pipe line in operation serving gas wells for the transportation of natural gas, or some other device or equipment in like operation whereby natural gas produced from gas wells connected therewith can be transported or used for consumption.

(h) "Correlative rights" means the opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as can be practicably obtained without waste, substantially in the proporation that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purpose to use his just and equitable share of the reservoir energy.

65-3-31. REGULATION, CONSERVATION AND PREVENTION OF WASTE OF CARBON DIOXIDE GAS.

The Oil Conservation Commission is hereby vested with the authority and duty of regulation and conserving the production of and preventing waste of carbon dioxide gas within this state in the same manner, insofar as is practicable as it regulates, conserves and prevents waste of natural or hydrocarbon gas. The provisions of this act relating to gas or natural gas shall also apply to carbon dioxide gas insofar as the same are applicable. "Carbon dioxide gas" as used herein shall mean non-combustable gas composed chiefly of carbon dioxide occurring naturally in underground rocks.

65-9-1. PUBLIC INTEREST AND WELFARE

The underground storage of natural gas which promotes conservation thereof, which permits the building of reserves for orderly withdrawal in periods of peak demand, which makes more readily available our natural gas resources to the domestic, commercial and industrial consumers of this state, and which provides a better year-round market to the various gas fields, is hereby declared to be in the public interest and welfare of this state and the citizens hereof.

65-9-2. DEFINITIONS

As used in this act (65-9-1 to 65-9-8):

(A) "Underground storage" shall mean storage of natural gas in a subsurface stratum or formation of the earth;

(B) "Natural gas" shall mean natural gas either while in its original state after withdrawal from the earth or after the same has been processed by removal therefrom of component parts not essential to its use for light and fuel;

(C) "Native gas" shall mean gas which has not been previously withdrawn from the ea ,

(D) "Commission" shall mean the oil conservation commission;

(E) "Natural gas company" shall mean any person, firm or corporation engaged in the distribution, sale or furnishing of natural gas to or for the public subject to regulation by the public service commission under the Public Utility Act, or any person, firm or corporation engaged in the business of transporting natural gas, subject to regulation by the federal power commission under the Natural Gas Act; and

(F) "Public body" shall mean the state of New Mexico or any department, board, commission, bureau, institution, public agency, county or political subdivision thereof including bodies corporate, bodies politic, municipal corporations, school districts, conservancy districts and quasimunicipal corporations of all kinds.

75-9-3. ACQUISITION OF LANDS FOR PURPOSES OF UNDERGROUND NATURAL GAS STORAGE - LANDS CONTROLLED BY PUBLIC BODY, EXECUTOR, ADMINISTRATOR, GUARDIAN, RECEIVER, OR TRUSTEE.

Any natural gas company desiring to make use of a formation or stratum as a reservoir for the underground storage of natural gas shall attempt to acquire by option, lease, conveyance or other negotiated means, such formation or stratum prior to resorting to the excercise of the power of eminent domain as hereinafter granted. Any public body and any executor, administrator, guardian, receiver or trustee shall be authorized to grant to any such natural gas company rights for underground storage of

natural gas in lands subject to its or his control in the same manner as provided by law for entering into oil and gas leases, or if any such public body, executor, administrator, guardian, receiver, or trustee shall not be specifically authorized by law to make oil and gas leases, then in the manner provided by law for lease by such public body, executor, administrator, guardian, receiver or trustee of interests in land, or if any such public body, executor, administrator, guardian, receiver, or trustee shall not be specifically authorized by law to make oil and gas leases or leases for interests in land, then in the manner provided by law for the sale by such public body, executor, administroator, guardian, receiver or trustee of interests in land.

65-9-4. APPROPRIATION OF UNDERGROUND STORAGE FACILITIES - LIMITATIONS.

By eminent domain proceedings, any natural gas company may appropriate for underground storage of natural gas any subsurface stratum or formation in any land which the commission shall have found to be suitable for the underground storage of natural gas, and in connection therewith may appropriate such other interests in the land as may be required to maintain and operate facilities for such underground storage; Provided, however, that the right to appropriate underground formations and strata shall be limited as follows:

(A) No formation or stratum which is producing or which is capable of producing oil in paying quantities, through any known recovery method, shall be subject to appropriation hereunder;

(B) No formation or stratum that contained native gas producible in paying quantities shall be subject to appropriation hereunder, unless the recoverable volumes of native gas originally in place therein shall be substantially depleted, and unless such formation or stratum has a greater value or utility as a gas storage reservoir for the purpose of insuring an adequate supply of natural gas, or for the conservation of natural gas, then for the production of the relatively small volumes of native gas which remain therein;

(C) No formation or stratum underlying lands which contain known commercial deposits of potash shall be subject to appropriation hereunder;

(D) No formation or stratum shall be subject to appropriation hereunder if its use for underground storage purposes would cause injury to surface or underground water resources;

(E) No part of a reservoir shall be subject to appropriation unless the natural gas company shall have acquired by option, lease, conveyance or other negotiated means, at least seventy-five per cent (75%) of the ownership which has the right to grant the use for underground storage of the reservoir, computed in relation to the surface area overlying that part of the reservoir which, as found by the commission, is expected to be penetrated by displaced or injected gas;

(F) No rights or interest in existing underground gas reservoirs, being used for the injection, storage and withdrawal of natural gas, owned or operated by others than the condemner, shall be subject to appropriation;

(G) No dwelling, barn, store, warehouse or other building shall be subject to appropriation hereunder; and

(H) The right of appropriation hereby granted shall be without

prejudice to the rights of the owner of said lands or of other rights or interests therein to drill through the underground stratum or formation so appropriated in such manner as shall comply with orders, rules and regulations of the commission issued for the purpose of protecting underground storage strata or formations against pollution and against the escape of natural gas therefrom and shall be without prejudice to the rights of the owner of said lands or other rights or interests therein as to all other uses thereof.

65-9-5. FINDINGS OF OIL CONSERVATION COMMISSION.

Any natural gas company desiring to exercise the right of eminent domain as to any land for underground storage of natural gas shall, as a conditional precedent to the filing of its petition in the district court, obtain from the commission a decision finding:

(A) That the underground stratum or formation sought to be acquired is suitable for the underground storage of natural gas;

(B) That the underground stratum or formation sought to be acquired is incapable of producing oil in paying quantities through any known recovery method;

(C) That the formation or stratum sought to be acquired is not underlying lands which contain known commercial deposits of potash;

(D) That injury will not be caused to surface or underground water resources;

(E) That the underground stratum or formation sought to be acquired, if it contained native gas capable of production in paying quantities, is substantially depleted of recoverable native gas, and that such formation or stratum has a greater value or utility as a gas storage reservoir than for the production of the remaining volumes of native gas therein;

(F) The extent of the horizontal limits of the reservoir expected to be penetrated by displaced or injected gas; and

(G) That no portion of the formation or stratum sought to be acquired has been appropriated or is being utilized for the injection, storage and withdrawal of natural gas by others.

65-9-6. COMMISSION PROCEDURE.

The laws, rules and regulations relating to commission action in matters pertaining to conservation of oil and gas shall be applicable to commission proceedings under this act (65-9-1 to 65-9-8).

65-9-7. EXERCISE OF RIGHT OF EMINENT DOMAIN.

Any natural gas company having first obtained a decision from the commission, as hereinbefore provided, may proceed to appropriate for underground storage of natural gas subsurface strata or formations and such other interests in the land as may be required to maintain and operate facilities for such underground storage in the manner provided by law for the exercise of the right of eminent domain by railroads and telegraph and telephone companies.

65-9-8. OWNERSHIP OF INJECTED GAS.

All natural gas which has previously been reduced to possession, and which is subsequently injected into underground storage in any strata or formation shall at all times be deemed the property of the injector, his heirs, successors or assigns; and in no event shall such gas be subject to the right of the owner of the surface of said lands or of any mineral interest therein, under which said strata or formation lie, or of any person other than the injector, his heirs, successors and assigns, to produce, take, reduce to possession, waste, or otherwise interfere with or exercise any control thereover, Provided that the injector, his heirs, successors and assigns, shall have no right to gas in any stratum, formation or portion thereof, in which storage rights have not been acquired pursuant to this act (65-9-1 to 65-9-8), or otherwise purchased.

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OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

March 30, 1964

COPY

Mr. W. A. Gressett
Deputy Oil & Gas Inspector
Oil Conservation Commission
Drawer DD
Artesia, New Mexico

Dear Bill:

Thank you for your note concerning the error in the Artesia Daily Press in advertising Case 3028. As this error is not fatal to the ad, it will not be necessary to readvertise the case.

As you requested, I am enclosing herewith copies of the proposed forms in Case 3028.

Very truly yours,

J. M. DURRETT, Jr.
Attorney

JMD/esr
Enclosure

Memo

From

W. A Gressett
Deputy Oil & Gas Inspector

To Jim Durrett

Will this do or do you want this notice ran again.

Would you please send me copies of the proposed forms referred to in Case 3028

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION

SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the followig public hearing to be held at 9 o'clock a.m., on APRIL 8, 1964, at the Oil Conservation Commission Conference Room, State Land Office Building, Santa Fe, New Mexico, before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner, both duly appointed for said hearing as provided by law.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(Note: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 3025:

Application of Pan American Petroleum Corporation for a unit agreement, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks approval of the Long Draw Unit Area comprising 3514 acres, more or less, of State and Federal lands, in Township 20 South, Ranges 23 and 24 East, Eddy County, New Mexico.

CASE 3027:

Application of El Paso Natural Gas Company for the adoption of a new form.

Applicant, in the above-styled cause, seeks the adoption of a new form entitled Purchaser's and Operator's Monthly Report, said form to be for the optional use of those gas purchasing companies which also have gas production. Use of said form to report monthly purchases and production would be in lieu of the monthly purchasers report and the monthly producers report presently required. Copies of the proposed form are available at the Office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

CASE 3028:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms. In the above - styled cause, the Commission proposes to consider the adoption of various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting all phases of oil and gas activity to state regulatory agencies. The forms have also been adopted and recommended by the Regulatory Practices Committee and the Executive Committee of the New Mexico Oil and Gas Association.

Adoption of the forms by the Commission will also entail amendment to numerous rules and orders of the Commission, particularly in Section M of the Rules and Regulations, wherever reference is made to the title or form number of an existing form which would be revised, or where detailed instructions for completing and filing of forms would not be consonant with the proposed forms.

It is further proposed to amend Rule 1121 of the Rules and Regulations and Rule 7 (A) of the General Rules and Regulations for prorated Gas Pools in the State of New Mexico as promulgated by Orler No. R-1[illegible] to require that gas purchasers' nominations be submitted not later that the first day of the month during which the nominations will be considered at the monthly allowable hearing.

It is also proposed that said Rule 7 (A) be further amended to require that gas purchasers shall file a supplemental nomination for the purchase of gas each month.

Copies of all proposed forms are available at the office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of March, 1964.

SEAL

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

Published in the Artesia Daily Press, Artesia, N. M., March 24, 1964. Legal No. 2374.

File
Case 30?

Committee work (Reports

A Suggested Form of General Rules and Regulations

For the Conservation of Oil and Gas

Prepared By

A Sub-Committee of the
Regulatory Practice Committee,
Interstate Oil Compact Commission

Published and Distributed By

Interstate Oil Compact Commission
Box 3127
Oklahoma City 5, Oklahoma

PREFACE

The Regulatory Practices Committee in 1950, after reviewing the rules and regulations that they had suggested a number of years before, decided that they should again be studied and revised.

A subcommittee was appointed by T. A. Morgan, Chairman of the Committee, composed of Olin Culberson, Texas, Chairman; J. W. Firth, Illinois; P. M. McLaughlin, Arkansas; George Holden, Louisiana; and Dan Dunnett, Oklahoma.

This subcommittee met in St. Louis, Missouri, in July, 1951, and studied the rules and made suggestions in keeping with the suggested oil and gas conservation statute adopted by the Commission in May of 1950.

Following this meeting the full committee studied the recommendations of the subcommittee at Ft. Worth, Texas, and the rules as were prepared at this meeting were again distributed to all members of the committee for their study and approval.

At the meeting in December, 1951, the rules as published herein were approved by the committee and recommendations were made to the Commission that they be published in this form.

Both the subcommittee and the Regulatory Practices Committee realize that these rules will not be applicable in all states and for that reason several alternate rules are suggested, and it should be borne in mind when they are being considered by any state that they are more applicable to the suggested statute of the Commission and their application should be judged according to the individual state statutes.

Earl Foster,
Executive Secretary

February, 1952

SUGGESTED GENERAL RULES AND REGULATIONS FOR THE CONSERVATION OF CRUDE OIL AND NATURAL GAS

(Supplementing suggested form of oil and gas conservation statute)

RULE I

General Rules shall be state-wide in application unless otherwise specifically stated.

RULE II

Special rules will be issued when required and shall prevail as against general rules if in conflict therewith.

RULE III

A. DEFINITIONS

Unless the context otherwise requires, the words defined shall have the following meaning when found in these rules, to-wit:

"Allowable period" shall mean the time within which an allowable of gas or oil may be produced.

"Barrel" shall mean forty-two gallons.

"Blow-out" shall mean a sudden or violent escape of oil or natural gas, as from a drilling well when high formational pressure is encountered.

"Blow-out preventer" shall mean a heavy casinghead control filled with special gates or rams which can be closed around the drill pipe, or which completely closes the top of the casing.

"Casing pressure" shall mean the pressure built up between the casing and tubing when the casing and tubing are packed off at the top of the well.

"Casinghead gas" shall mean any gas or vapor, or both gas and vapor, indigenous to an oil stratum and produced from such stratum with oil.

"Commission" shall mean the oil and gas regulatory body of the State of _____.

"Common source of supply" is synonymous with pool.

"Condensate" shall mean hydrocarbons existing in the gaseous state in the reservoir which condenses to a liquid at pressures or temperatures below those of reservoir conditions.

"Crude oil" for the purpose of these regulations shall mean crude petroleum oil and other hydrocarbons, regardless of gravity, which exist in the reservoir in liquid form, and not in solution.

"Cubic foot of gas" shall mean the volume of gas contained in one cubic foot of space at a standard pressure base and a standard temperature base. The standard pressure base shall be 14.65 pounds per square inch absolute and the standard temperature base shall be 60° Fahrenheit.

"Day" shall mean a period of twenty-four consecutive hours from 7 A.M. one day to 7 A.M. the following day.

"Development" shall mean any work which actively looks toward bringing in production.

"Developed area or developed unit" shall mean a unit having a well completed thereon which is capable of producing oil or gas; however, in the event it be shown, and the commission finds, that a part of any unit is nonproducitve, then the developed area of the unit shall include only that part so found to be productive.

"Field" shall mean the general area which is underlaid or appears to be underlaid by at least one pool; and field shall include the underground reservoir or reservoirs containing oil or gas, or both. The words field and pool mean the same thing when only one underground reservoir is involved; however, field, unlike pool, may relate to two or more pools.

"Gas" shall mean all natural gas, including casinghead gas, and all hydrocarbons in a gaseous phase.

"Gas allowable" shall mean the amount of natural gas authorized to be produced by order of the commission.

"Gas-oil ratio" shall mean the relation of the gas in cubic feet to the production of oil in barrels.

"Gas injection" is the injection of gas into a reservoir through one or more wells in order to arrest the decline or increase the reservoir pressure.

"Gas, sour" shall mean gas which contains hydrogen-sulphide in sufficient quantities to render it unfit for domestic or commercial use.

"Illegal gas" shall mean gas which has been produced within the state from any well or wells in excess of the amount allowed by any rule, regulation or order of the commission.

"Illegal oil" shall mean oil which has been produced, transported, or withdrawn from storage or storage facilities in excess of the amount allowed by any rule, regulation, or order of the commission, within the state.

"Illegal product" shall mean any product of oil or gas, any part of which was processed or derived, in whole or in part, from illegal oil or illegal gas or from any product thereof.

"Nomination" shall mean the statement made by a purchaser indicating amount of oil or gas he has a definite and bonafide need to purchase during a given period.

"Oil allowable" shall mean the amount of oil authorized to be produced by order of the commission.

"Oil well" for the purpose of the rules shall mean any well capable of producing oil in paying quantities.

"Operator" shall mean any person who, duly authorized, is in charge of the development of a lease or the operation of a producing well.

"Overage, overproduction" shall mean the oil or gas produced in excess of the allowable fixed by the commission.

"Owner" shall mean the person who has the right to drill into and to produce from a field or pool, and to appropriate the production either for himself or for himself and another.

"Period, allowable" shall mean the period as designated in which an allowable may be produced.

"Person" shall mean any natural person, corporation, association, partnership, receiver, trustee, guardian, executor, administrator, and a fiduciary of any kind.

"Pipe line oil" shall mean oil free from water and basic sediment to the degree that is acceptable for pipe line transportation and refinery use.

"Pool" shall mean an underground reservoir containing, or appearing to contain, a common accumulation of oil or gas or both. Each zone of a general structure which is completely separated from any other zone in the structure is covered by the term "pool".

"Potential" shall mean the actual or properly computed daily ability of a well to produce oil as determined by a test made in conformity with rules prescribed by the commission.

"Pressure maintenance" shall mean (1) the reintroduction (in the early states of field development) of fluid or fluids produced from oil or gas reservoirs to retard the decline or increase the reservoir pressure; (2) the introduction of fluid or fluids obtained from outside sources for the same purpose.

"Proven oil or gas land" shall mean that area which has been shown by development or geological information to be such that additional wells drilled, thereon are reasonably certain to be commercially productive of oil or gas, or both.

"Proration unit" shall mean the maximum area in a pool which can be efficiently and economically drained by one well, as determined by the commission.

"Purchaser" shall mean any person who directly or indirectly purchases, transports, takes, or otherwise removes production to his account from a well, wells, or pool.

"Reasonable market demand" shall mean the demand for oil or gas for reasonable current requirements and current consumption and use within and outside the state, together with such amounts as are reasonably necessary for building up or maintaining reasonable storage reserves of oil or gas or the products thereof, or both such oil and gas or products.

"Run" shall mean oil or gas removed from the lease.

"Tender" shall mean a permit or certificate of clearance for the transportation of oil, gas or products, approved and issued or registered under the authority of the commission.

"Water injection or water flooding" is the injection of water into a reservoir through one or several wells arranged in a more or less regular pattern to achieve displacement of the oil from the reservoir.

"Waste" means and includes (1) physical waste, as that term is generally understood in the oil and gas industry; (2) the inefficient, excessive, or improper use of, or the unnecessary dissipation of reservoir energy; (3) the locating, spacing, drilling, equipping, operating, or producing of any oil or gas well or wells in a manner which causes, or tends to cause, reduction in the quantity of oil or gas ultimately recoverable from a pool under prudent and proper operations, or which causes or tends to cause unnecessary or excessive surface loss or destruction of oil or gas; (4) the inefficient storing of oil; and (5) the production of oil or gas in excess of transportation or marketing facilities or in excess of reasonable market demand.

"Well log" shall mean the written record progressively describing the strata, water, oil or gas encountered in drilling a well with such additional information as to give volumes, pres-

sures, rate of fill-up, water depths, caving strata, casing record, etc., as is usually recorded in normal procedure of drilling. Also to include electrical survey or logging, if run.

"Wildcat well" shall mean drilling a well to a new source of supply.

RULE IV

A. FOR PERMIT TO DRILL

Before any person shall spud in and begin the actual drilling of any well in search of oil or gas, such person shall file with the commission his application, in such form as the commission shall require, for a permit to drill said well. The application shall be accompanied by the sum of $____, which sum is fixed as a fee for granting of a permit. The permit so issued by the commission shall be in such form as it may by its rules and regulations prescribe and the number of said permit shall at all times be prominently displayed upon the derrick used in drilling such well.

B. OPTIONAL RULE

Prior to the commencement of operations, notice shall be delivered to the commission of intention to drill any well for oil or gas, on a form prescribed by the commission. Prior to the commencement of recompletion operations, notice shall likewise be delivered to the commission of intention to develop by deepening or plugging back to any source of supply other than the existing producing horizon. Such notice shall include:

a. the name and number and exact location of the well;
b. the approximate date operations will begin;
c. the estimated completed total depth, and, in the case of recompletion, the original total depth and the total depth at which the well is to be recompleted. It shall also specify the type of drilling equipment, whether cable tool or rotary, to be used.

Notice of intention to drill or recomplete shall be accompanied by a certified lease plat on the form prescribed by the commission, showing lease boundary lines, acreage contained in the lease, the location of the proposed well with reference to the nearest property lines, and the nearest producible oil or gas well. Measurements and other distances are to be shown in feet.

RULE V

A. TRANSFER OF DRILLING PERMITS

1. No person to whom a permit has been issued shall transfer the permit to any other location or to any other person until the following requirements have been complied with:

a. If, prior to the drilling of a well, the person to whom the permit was originally issued desires to change the location, he shall submit a letter so stating and another application properly filled out showing the new location. No additional fee is necessary, but drilling shall not be started until the transfer has been approved and the new permit posted at the new location.

b. If, while a well is drilling or after it has been completed, the person to whom the permit was originally issued disposes of his interest in the well, he shall submit a written statement to the commission setting forth the facts and requesting that the permit be transferred to the person who has acquired the well.

c. Before the transfer of a drilling permit shall be recognized, the person who has acquired the well must submit a written statement setting forth that he has acquired such well and assumes the full responsibility for its operation and abandonment in conformity with the law, rules, regulations, and orders issued by the commission.

RULE VI

A. DRILLING

1. Rotary Drilling Procedure

Unless altered, modified, or changed for particular common sources of supply, upon hearing before the Commission, the following rules on "Drilling Procedure" shall apply to wells drilled with rotary tools:

a. Surface Casing Requirements and Cementing for Proper Anchorage: Suitable and safe surface casing shall be used in all wells. In all wells drilled in areas where pressure and formations are unknown, sufficient surface casing shall be run to reach a depth below all potable fresh water levels, and shall be of sufficient size to permit the use of an intermediate string of casing. Surface casing shall be set in or through an impervious formation, and shall be cemented by the pump and plug or displacement method with sufficient cement to circulate to the top of the hole.

In wells drilled in areas where subsurface conditions have been established by drilling experience, surface casing size at the operator's option shall be set and cemented to the surface by the pump and plug or displacement method at a depth sufficient to protect all potable fresh water.

Cement shall be allowed to set a minimum of twelve (12) hours under pressure before drilling the plug.

b. Blow-out Preventers and Casingheads: In all proven areas, the use of blow-out equipment shall be in accordance with established practice in the area.

In all unproven areas, (wildcat wells) all drilling wells shall be equipped with a master-gate, or its equivalent, an adequate blow-out preventer, together with a flow line valve of the proper size and working pressure. The entire control equipment shall be in good working condition at all times.

c. Cementing and Testing of Flow String and Connections: If and when it becomes necessary to run a flow string, such flow string shall be cemented by the pump and plug method and shall be properly tested by the pressure method and shall set a minimum time of twenty-four hours before cement plugs are drilled.

2. Cable Drilling Procedure

Before commencing to drill, proper and adequate slush pits shall be constructed for the reception of mud of sufficient quality and quantity so that such mud may be available if and when the hole is plugged.

Where cable tools are used, sufficient surface casing shall be set to protect all potable fresh water levels, and such surface casing shall be tested by bailing to insure a shut-off before drilling below the casing point proceeds.

No natural gas which may be encountered in any section of a cable tool drilled hole above the ultimate objective may be permitted to blow while drilling proceeds but must be shut off either by mudding or by the running of a string of casing, and if the latter method is used, such string of casing must be tested by bailing to insure shut-off before drilling proceeds.

Casing program adopted for cable tool drilled wells must be so planned as to protect any potential oil or gas bearing horizons penetrated during drilling from infiltration of injurious waters from other horizons, and to prevent the migration of oil or gas from one horizon to another.

3. Well Completion And Work-Over Reports

a. Within five (5) days after the completion of a well drilled for oil or gas, or the recompletion of a well into a different source of supply, a completion report shall be filed with the commission, on a form prescribed by the commission. Such report shall include name, and number, and exact location of the well; lease name; date of completion; date of first production, if any; name and depth of reservoir or reservoirs if a multiple completion, from which well is producing; initial production test, including oil, gas, and water, if any; description of the initial test, whether by flow through tubing or casing or by pumping, and if by pumping, type of pump, whether plunger, rotary or hydraulic; casing and cementing record; casing perforations, if any; shooting or chemical treatment record and a true and correct log of the well; such report to be signed and sworn to by an authorized representative of the operator.

b. Within five (5) days after the completion of any work-over or repair operation which results in a daily average production in excess of twenty-five (25) barrels of oil, or 2,000,000 cubic feet of gas, a supplemental well completion report shall be filed with the commission, showing the nature of such work-over or repair, whether shooting, acidizing, gun-perforating, ripping, plugging back, deepening, or squeeze cementing.

RULE VII

A. IDENTIFICATION OF WELLS

To identify all producing leases the owner or manager thereof shall cause a sign to be placed where the principal lease road enters the lease and such sign shall show the name of the lease and the owner or manager thereof and the section, township and range.

A legible numeral shall be attached or painted on pumping unit or jack of each well or a legible sign placed near the well to identify the well number.

RULE VIII

A. ORGANIZATION REPORTS

Every person acting as a principal or agent for another or independently engaged in the production, storage, transportation (except railroads), refining, reclaiming, treating, marketing, or processing of crude oil or natural gas shall immediately file with the commission: the name under which such business is being operated or conducted; the name and postoffice address of such person, the business or businesses in which he is engaged; the plan of organization and, in case of a corporation, the law under which it is chartered; and the names and postoffice addresses of any persons acting as trustees together with the names of the manager, agent or executive thereof, and the names and postoffice addresses of any officers thereof. In case where such business is conducted under an assumed name, such report shall show the names and postoffice addresses of all owners in addition to the other information required.

Immediately after any change occurs as to facts stated in the report filed, a supplementary report under oath shall be immediately filed with the commission with respect to such change.

RULE IX

A. SURFACE EQUIPMENT

Meter fittings of adequate size to measure the gas efficiently for the purpose of obtaining gas-oil ratios shall be installed on the gas vent line of every separator or proper connections made for orifice well tester. Well-head equipment shall be installed and maintained in first-class condition so that static bottom hole pressures may be obtained at any time by the duly authorized agents of the commission. Valves shall be installed so that pressures can be readily obtained on both casing and tubing.

RULE X

A. FIRE HAZARD

Any rubbish or debris that might constitute a fire hazard shall be removed to a distance of at least 100 feet from the well location tanks, and separator. All waste oil shall be burned or disposed of in a manner to avert creating a fire hazard.

RULE XI

A. TUBING

All wells shall be equipped with and produce through, tubing of not more than _____ inches in diameter. The bottom of tubing on flowing wells shall not be higher than 100 feet above the top of the producing sand. If the tubing is perforated, the perforations shall not extend above the top

of the producing horizon. Tubing shall be free from obstructions, in order to permit the free entrance of bottom hole instrument, and have orange peel weld or bar on the bottom.

RULE XII

A. CHOKES

All flowing wells shall be equipped with adequate chokes or beans, to properly control the flow thereof.

RULE XIII

A. SEPARATORS

All flowing wells must be produced through an approved oil and gas separator.

RULE XIV

A. FIRE WALLS

When it is deemed necessary by the commission to protect life, health, or property, the commission may require any lease or oil storage tanks to be surrounded by an earthen dike which shall have a capacity of one and one-half (1 1/2) times the capacity of the tank or tanks it surrounds, which dike shall be contimually maintained; and the reservoir within shall be kept free from vegetation, water or oil.

RULE XV

A. RESTORATION OF SURFACE

The owner or manager shall, as soon as weather or ground conditions permit, upon the final abandonment and completion of the plugging of any well, clear the area around the location of all refuse material, burn waste oil, drain and fill all excavations, remove concrete bases, machinery and materials, and level the surface to leave the site as nearly as possible in the condition encountered when operations were commenced.

When the fee owner of the surface desires to utilize the pits dug in connection therewith, the fee owner shall sign and file with the commission a release form furnished by the commission, thereby releasing the owner, manager, or operator from all responsibility and statutory or other requirements for the further filling of the pits.

RULE XVI

A. DEVIATION

The maximum point at which a well penetrates the producing formation shall not unreasonably vary from the vertical drawn from the center of the hole at the surface. Deviations in excess of the following shall be deemed to be unreasonable; more than 3 degrees from the vertical drawn from the center of the hole at the surface.

RULE XVII

A. VACUUM PUMPS PROHIBITED

The use of vacuum pumps or other devices for the purpose of putting a vacuum on any gas or oil-bearing stratum is prohibited; however, the commission may upon application and hearing and for good cause shown permit the use of vacuum pumps.

RULE XVIII

A. PRODUCTION PRACTICE

Naturally flowing wells shall be produced at a continuous uniform rate as far as is practical, in keeping with the current allowable, unless the commission specifically permits stop-cocking to reduce the gas-oil ratio.

RULE XIX

A. PULLING OUTSIDE STRINGS OF CASING

In pulling outside strings of casing from any oil or gas well, the space outside the casing left in the hole shall be kept and left full of mud-laden fluid of adequate specific gravity to seal off all fresh and salt water strata and any strata bearing oil or gas which is not producing.

RULE XX

A. NOTIFICATION OF FIRE, BREAKS, LEAKS, OR BLOW-OUTS

All persons controlling or operating any oil and gas wells or pipelines, or receiving tanks, storage tanks, or receiving and storage receptacles into which crude oil is produced, received, or stored, or through which oil is piped or transported, shall immediately notify the commission by letter giving full details concerning all fires which occur at such oil or gas wells or tanks or receptacles on their property, and all such persons shall immediately report all tanks or receptacles struck by lightning and any other fire which destroys oil or gas, and shall immediately report any breaks or leaks in or from tanks or from tanks or receptacles and pipelines from which oil or gas is escaping or has escaped. In all such reports of fires, breaks, leaks, or escapes, or other accidents of this nature, the location of the well, tank, receptacle, or line break shall be given by Section, Township, Range, and property so that the exact location thereof can be readily located on the ground. Such report shall likewise specify what steps have been taken or are in progress to remedy the situation reported and shall detail the quantity of oil or gas lost, destroyed, or permitted to escape. In case any tank or receptacle is permitted to run over, the escape thus occurring shall be reported as in the case of a leak. The report hereby required as to oil losses shall be necessary only in case such oil loss exceeds fifty (50) barrels in the aggregate.

RULE XXI

A. PRODUCING FROM DIFFERENT STRATA THROUGH THE SAME CASING STRING

No well shall be permitted to produce either oil or gas from different strata through the same string of casing without first receiving written permission from the commission, which shall be given only after a notice and hearing. If a stratum should be encountered bearing either oil or gas and it is desired to drill deeper in search of other oil or gas bearing formations, the stratum first penetrated and likewise each and every formation in turn shall be closed and sealed off to prevent waste, either surface or underground.

RULE XXII

A. DUAL COMPLETION OF WELLS

No well may be dually completed until approval by the commission, after notice and hearing, and the actual operation of dually completing a well so that it might produce from more than one common source of supply shall only be done under the supervision of the commission or its agent. The order of the commission will require (1) adequate and complete separation, as ascertained by packer tests of the various zones involved in the completions and (2) the approval by the agent of the commission or its engineer of the proposed multiple completion.

RULE XXIII

A. EQUITABLE DISTRIBUTION OF PRODUCTION

a. Whenever the total amount of oil which all the producers in the state can produce exceeds the amount reasonably required to meet the reasonable market demand for oil produced in the state, then the commission in order to prevent waste shall limit the total amount of oil which may be produced by fixing a state allowable. The commission shall then allocate or distribute the allowable production among the pools in an equitable, reasonable, and non-discriminatory manner.

b. In prorating the production allowed to each pool among the proration or drilling units therein, the commission shall first deduct from the total pool allowable the quantity of oil which will be produced by the minimum or unprorated wells in such pool during such proration period and the balance shall be distributed pro rata among the remaining proration or drilling units in an equitable and reasonable manner, insofar as the same can be practically done.

RULE XXIV

A. GAS

Whenever the total amount of gas which a pool can produce exceeds the amount reasonably required to meet the reasonable market demand for gas produced therefrom, or in order to prevent waste, the commission shall limit the total amount which such pool may produce by fixing a total pool allowable which shall not exceed twenty-five per cent of the total open-flow of such pool.

RULE XXV

A. OVERAGES

Proration units which have produced in excess of their allowable for any allowable period shall be closed-in or have their allowable reduced until such overproduction has been equalized.

RULE XXVI

A. SHORTAGES

Shortages or underages in not to exceed five (5) days current allowable will be credited to oil proration units which fail to make their allowable and shall be carried forward upon the records of the commission and such proration units shall be permitted to produce the same in addition to their normal future allowable, but at a rate which shall not exceed that at which they were accrued. Underages that accrue to any well or lease in a greater amount than five (5) days may be only reinstated upon order of the commission. However, if it should appear to the satisfaction of the commission that a proration unit is incapable of producing its allowable, the shortages accruing by reason of such fact shall be cancelled.

RULE XXVII

A. ILLEGAL PRODUCTION

No purchaser, producer, operator, or any other person shall produce or transport any crude oil, natural gas, or waste oil from any proration unit or pool in this state except in accordance with the rules, regulations, and orders of the commission.

RULE XXVIII

A. COMMINGLING OF PRODUCTION PROHIBITED

The production from one pool shall not be commingled with that from another pool in the same field before delivery to a purchaser, unless otherwise ordered by the commission.

RULE XXIX

A. REPORTS BY PURCHASERS AND PRODUCERS

1. Purchasers

Each purchaser or taker of any oil or gas from any well, lease, pool, or proration unit shall on or before the 15th day of each month succeeding the month in which the purchasing or taking occurs, file with the commission on a form furnished by the commission, a verified statement of all oil or gas purchased or taken from any such well, lease, pool, or proration unit during the preceding month.

2. Producers

The producer or operator or each and every well or proration unit in prorated pools shall each month submit to the commission a sworn statement showing the amount of production made by each such well and by each such proration unit upon forms furnished therefor by the 15th of the succeeding month.

RULE XXX

A. USE OF EARTHEN RESERVOIRS

Oil shall not be stored or retained in earthen reservoirs or in open receptacles.

RULE XXXI

A. RESERVOIR SURVEYS

By special order of the commission periodic surveys shall be made of the reservoirs in this state containing oil and gas. These surveys will be thorough and complete and shall be made under the supervision of the petroleum and natural gas engineers of the commission. The condition of the reservoirs containing oil and gas and the practices and methods employed by the operators shall be investigated. The volume and source of crude oil and natural gas; the reservoir pressure of the reservoir as an average; the areas of regional or differential pressure; stabilized gas-oil ratios, and the producing characteristics of the field as a whole and the individual wells within the field shall be specifically included.

RULE XXXII

A. OPERATORS TO ASSIST IN RESERVOIR SURVEYS

All operators of wells are required to permit and assist the agents of the commission in making any and all tests including bottom hole pressure and gas-oil ratio determinations that may be required by the commission on any or all of, his wells.

RULE XXXIII

A. CAPACITY OF GAS WELLS TO PRODUCE

All gas wells shall be tested by the deliverability-type test, with all wells obtaining their shut-in pressure before the start of every test and the wells producing against an average field line pressure obtaining the rate of flow and the wellhead flowing pressure at the end of a 72-hour flow period with the deliverability test computed upon the deliverability test equation as will be given on the test form to be prescribed by the commission.

RULE XXXIV

A. NOTICE OF TESTS

Open-flow and pressure tests of gas wells may be witnessed or observed by a representative of any producer in the field and the owners of the adjoining or offset leases must be notified by the owner of the well on which the test is to be taken, stating the time when such test will commence.

RULE XXXV

A. GAS TO BE METERED

a. Proration Unit, Lease or Unitized Property: All gas when produced or sold shall be metered with an approved meter of sufficient capacity, provided that gas may be metered from a lease or unitized property as a whole if it is shown that ratable taking can be maintained; provided, that meters shall not be required for gas produced and used on the lease for development purposes and lease operations.

b. Meter Charts and Records: Purchasers shall keep meter charts and records on gas purchased in a permanent file for a period of at least two (2) years, and such information shall be made available to the commission.

c. By-Passes: By-passes shall not be connected around meters in such manner as to permit the improper taking of gas.

RULE XXXVI

A. DIRECT WELL PRESSURE

The use of direct well pressure to operate any machinery is hereby prohibited.

RULE XXXVII

A. GAS-OIL RATIO

No well shall be permitted to produce gas in excess of the maximum ratio determined for a pool unless all gas produced in excess thereof is returned to the pool from which it was produced.

RULE XXXVIII

A. GAS-OIL RATIO SURVEYS AND REPORTS

Gas-oil ratios and surveys shall be taken in the manner prescribed by the commission for individual fields whereupon gas-oil ratio limits have been fixed and in accordance with the rules prescribed for each individual pool.

RULE XXXIX

A. GAS UTILIZATION

After the expiration of two days from the time of encountering gas in a gas well, no gas from such well should be permitted to escape into the air, and all gas produced therefrom shall be utilized for the following purposes: No gas shall be utilized except for domestic or commercial purposes.

RULE XL

A. DISPOSAL OF BRINE OR SALT WATER

No person shall dispose of brine or salt water liquids except in the following manner. Any other method of disposal is hereby prohibited unless reinjected into the formation.

1. Disposal In Earthen Pits

Brine or salt water may be disposed of by evaporation when impounded in excavated earthen pits, which may only be used for such purpose when the pit is underlaid by tight soil such as heavy clay or hardpan.

Where the soil under the pit is porous and closely underlaid by a gravel or sand stratum, impounding of brine or salt water in such earthen pits is hereby prohibited. When such water is impounded in an earthen pit, it shall be so constructed and maintained to prevent escape of such water therefrom.

The commission shall have authority to condemn any pit which does not properly impound such water and order the disposal of such water into an underground formation, as herein provided.

The level of brine or salt water in earthen pits shall at no time be permitted to rise above the lowest point of the ground surface level. All pits shall have a continuous embankment surrounding them sufficiently above the level of the surface to prevent surface water from running into the pit. Such embankment shall not be used to impound brine or salt water.

At no time shall brine or salt water impounded in earthen pits be allowed to escape over adjacent lands or into streams.

2. Disposal By Injection

Salt water may also be disposed of by injection into the strata from which produced or other proven salt water bearing strata.

RULE XLI

A. WATER INJECTION AND WATER FLOODING OF OIL AND GAS PROPERTIES

1. Application And Approval

The owner or operator of any well may inject water under pressure into the formation containing oil or gas for the purpose of obtaining oil or gas from the reservoir, upon application to and approval by the commission.

2. Casing And Cement

Wells used for the injection of water into the producing formation or repressuring wells shall be cased with sound casing so as not to permit leakage and the casing cemented in such manner that damage will not be caused to oil, gas, or fresh water resources.

3. Application, Contents, Notice, Objection, Hearing, And Approval

a. No water injection or water flooding programs shall be instituted until same has been regularly authorized by the commission.

b. The application shall be verified and filed with the commission, showing:

a-1. the location of the intake well;

a-2. the location of all oil and gas wells, including abandoned and drilling wells and dry holes, and the names of landowners and lessees within one-half mile of the intake well;

a-3. the formations from which wells are producing or have produced;

a-4. the name, description, and depth of the formations to be flooded;

a-5. the depths of each formation into which water is to be injected;

a-6. the elevations of the top of the oil or gas bearing formation in the intake well and the wells producing from the same formation with one-half mile radius of the intake well;

a-7. log of the intake well or such information as is available;

a-8. descriptions of the intake well casing;

a-9. descriptions of the liquid, stating the kind, where obtained, and the estimated amounts to be injected daily;

a-10. the names and addresses of the operators;

a-11. such other information as the commission may require to ascertain whether the flooding may be safely and legally made.

c. Applications may be made to include the use of more than one intake well on the same lease, or on more than one lease.

d. Applications shall be executed by all operators who are to participate in the proposed water injection or water flooding plan.

e. No order approving water injection or water flooding of oil properties shall be issued until after notice and hearing has been had, such notice shall be given by commission to each operator in such pool.

4. Notice Of Commencement And Discontinuance Of Water Injection Or Water Flooding Operations

a. Immediately upon the commencement of water injection or water flooding operations, the applicant shall notify the commission of the same and the date of commencement.

b. Within ten (10) days after the discontinuance of water injection or water flooding operations the applicant or the one in charge thereof shall notify the commission of the date of such discontinuance and the reasons therefor.

c. Before any intake well shall be abandoned, notice shall be served on the commission, and the same procedure shall be followed in the plugging of such well as provided for the plugging of oil and gas wells.

5. Records

The owner or operator of an intake well shall keep an accurate record of (1) the amount of water injected into the intake wells, (2) the total amount of water produced, and (3) the total amount of oil produced from the area flooded. Such information shall be made available to commission or its agents.

RULE XLII

A. GAS INJECTION OF OIL AND GAS PROPERTIES

1. Application And Approval

The owner or operator of any well may inject gas under pressure into the formation containing oil or gas for the purpose of obtaining oil or gas from the reservoir, upon application to and approval by the commission.

2. Casing And Cement

Wells used for the injection of gas into the producing formation shall be cased with sound casing so as not to permit leakage and the casing cemented in such manner that damage will not be caused to oil, gas, or fresh water resources.

3. Application, Contents, Notice, Objection, Hearing And Approval

a. No gas shall be injected into a well for gas injection purposes until so ordered by the commission pursuant to application, and notice as herein required.

b. The application shall be verified and filed with the commission showing:

a-1. the location of the intake well;

a-2. the location of all oil and gas wells, including abandoned and drilling wells and dry holes, and the name of landowners and lessees within one-half mile of the intake well;

a-3. the formations from which wells are producing or have produced;

a-4. the name, description, and depth of the formations to be injected;

a-5. the depths of each formation into which gas is to be injected;

a-6. the elevations of the top of the oil or gas bearing formation in the intake well and the wells producing from the same formation within one-half mile of the intake well;

a-7. the log of the intake well, or such information as is available;

a-8. description of the intake well casing;

a-9. description of the gas, stating the kind, where obtained, and the estimated amounts to be injected daily;

a-10. the names and addresses of the operators;

a-11. such other information as the commission may require to ascertain whether the gas injection plan meets the requirements of the law and safety.

c. Applications may be made to include the use of more than one intake well on the same lease or on more than one lease.

d. Applications shall be executed by all operators who are to participate in the proposed gas injection plan.

4. Notice Of Commencement And Discontinuance Of Gas Injection

a. Immediately upon commencement of gas injection operations, the applicant shall notify the commission of the same and the date of commencement.

b. Within ten (10) days after the discontinuance of gas injection operations, the applicant or the one in charge thereof shall notify the commission of the date of such discontinuance and the reasons therefor.

c. Before any intake well shall be abandoned, notice shall be served on the commission and the same procedure shall be followed in the plugging of such well as provided for the plugging of oil and gas wells.

5. Records

The owner or operator of the gas injection project shall keep an accurate record of (1) the amount of gas injected into the intake wells, (2) the amount of gas produced, and (3) the amount of oil produced from leases affected by the gas injection. Such information shall be made available to the commission or its agents.

6. Individual Cases

The commission will make such special orders, rules, and regulations for the individual case as the condition may justify.

RULE XLIII

A. WELL PLUGGING

The owner or manager shall not permit any well drilled for oil, gas, salt water disposal or any other purpose in connection with the production of oil and gas, to remain unplugged after such well is no longer used for the purpose for which it was drilled or converted.

1. Notice Of Inspection To Abandon; Supervision

Before any work is commenced to abandon any well drilled for the discovery of oil or gas, including any well drilled below the fresh-water level, except such holes as are described in Rule XLIII-4, the owner or operator thereof shall give written notice to the commission of his intention to abandon such well, which notice shall contain, among other things, the location of the well and when the abandonment will commence. The notice shall be upon forms prescribed by the commission, and shall contain all of the information requested thereon. Upon receipt of such notice the director shall send a duly authorized representative of the commission to the location specified, to be present at the time indicated in such notice, to supervise the plugging of such well.

2. Plugging Methods And Procedure

The methods and procedure for plugging a well shall be as follows:

a. The bottom of the hole shall be filled to the top of each producing formation, or a bridge shall be placed at the top of each producing formation, and in either event a cement plug not less than 15 feet in length shall be placed immediately above each producing formation whenever possible.

b. A cement plug not less than 15 feet in length shall be placed at approximately 50 feet below all fresh-water-bearing strata.

c. A plug shall be placed at the surface of the ground in each hole plugged in such manner as not to interfere with soil cultivation.

d. The interval between plugs shall be filled with an approved heavy mud-laden fluid.

e. An uncased rotary-drilled hole shall be plugged with approved heavy mud up to the base of the surface string, at which point a plug of not less than 15 feet of cement shall be placed. The hole shall also be capped similar to other abandoned holes.

f. The operator shall have the option as to the method of placing cement in the hole by (1) dump bailer, (2) pumping through tubing, (3) pump and plug, or (4) other method approved by the commission.

3. Affidavit On Completion; Copies

Within fifteen (15) days after the plugging of any well has been accomplished, the owner or operator thereof shall file an affidavit with the commission setting forth in detail the method used in plugging the well. Such affidavit shall be made on a form prescribed by the commission. Copies of well-plugging records and affidavits will be furnished to any person requesting same on the payment of fifty cents per copy, except in the case of core drilling and seismic or other wells drilled for geological data.

4. Seismic Core And Other Exploratory Holes To Be Plugged; Methods; Affidavit

Before any hole drilled for seismic, core, or other exploratory purposes and which said hole penetrates below the fresh-water formation is abandoned, it shall be the duty of the owner or driller of any such hole to plug the same in such manner as to properly protect all water-bearing formation; and within ninety (90) days after such plugging, an affidavit shall be filed with the commission by such owner or driller, setting forth the method used in protecting the water-bearing formations in the plugging of such hole and the location of holes drilled or plugged.

5. Wells Used For Fresh Water

When the well to be plugged may safely be used as a fresh-water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written authority for such use is secured from the landowner and filed with the commission.

6. License

No person, firm, or corporation shall engage in the business of pulling casing and plugging oil or gas wells, or contracting to salvage casing therefrom, until a license has been secured from the commission. To obtain a license an application shall be filed with the commission stating the name and address of applicant, (if a firm or partnership, the names and addresses of the partners; and if a corporation, the names of the chief officers and directors); experience of applicant, and financial responsibility. Upon notice given as required by the procedural rules of the commission and hearing, the commission will issue a license if it deems applicant possesses sufficient technical and scientific information and is financially responsible. Such license may at any time be canceled by the commission upon a complaint filed (a) on motion of the commission; (b) by the Conservation Officer; (c) by the Conservation Attorney, or (d) by any person interested in oil or gas production in this state. When such complaint is filed, the commission shall serve upon the licensee notice of hearing and a copy of the complaint at least ten (10) days prior to the hearing, and if the evidence at said hearing justifies, the license may be canceled.

RULE XLIV

A. TRANSPORTATION

1. Pipeline Maps

Pipeline maps indicating the location, size, extensions, and any portions abandoned or not used shall be filed with the commission yearly. Nothing contained in this rule shall apply to

lease lines which are merely used in the operation of the lease on which located nor to any line or appurtenant tankage not located within the State of _____.

2. Pipelines, Purchasers, And Transporters

a. No carrier by pipeline and no gathering system shall transport oil from any lease or wells to which the said pipeline or gathering system is connected when it has reason to believe that the owner or operator of such lease has violated any rule, regulation, or order of the commission or any conservation law of this state with reference to either oil or gas.

b. No pipeline company shall transport oil from any gathering system which such pipeline company has reason to believe has violated any rule, regulation, or order of the commission, or any conservation law of this state with reference to either oil or gas. It shall be the duty of the pipeline company to suspend transportation of any oil from such gathering system until such time as such pipeline company is notified in writing by the commission that the violation on the part of the gathering system has been discontinued and that the gathering system is complying with the rules, regulations, and orders of the commission and the conservation laws of this state.

c. Every truck, tank wagon, and other vehicle moving, hauling, and transporting crude oil, pit oil, wash oil, residue oil, or any of its refined products shall have the name of its owner and the number of such truck, tank wagon, or vehicle plainly stenciled on each side thereof, and all vendors of oil moved by truck, transporting any of the types or kinds of oil herein mentioned, except refined products of petroleum shall make reports of the movement of such oil on forms prescribed by the commission for that purpose, and each and every operator or driver of such truck shall have in his possession a signed copy of such report or ticket showing the name of the truck owner, name of the driver, truck number, truck license number, number of barrels of oil being transported, source from which oil was obtained, signature of vendor of oil, and type of oil handled, whether crude oil in natural state, wash oil, residue oil, tank bottom oil, or pit oil, name of vendee, and point of delivery.

3. Reports From Oil Pipelines Or Transporters

All transporters of crude oil doing business in this state shall make monthly reports to the commission showing the wells connected with their lines during the preceding month, the names of the owners of such wells, the amount of production taken therefrom during such month, all on forms to be provided by the commission. Such reports shall be sworn to by a responsible officer of the company making the report, and shall be filed with the commission on or before the 15th day of each month covering purchases of transported or pipeline runs of the preceding month.

RULE XLV

A. TENDERS

Certificates of clearance for the transportation of oil, gas, or the products derived therefrom shall be required whenever the commission by special order prescribes rules and regulations relating to the issuance of the same which are applicable to designated pools, fields, pipelines, transporters, or areas.

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS – OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH | 13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 21A 21B
Ford

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-685231

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
~~TEST WATER SHUT-OFF~~	☐	~~PULL OR ALTER CASING~~	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
~~FRACTURE TREAT~~	☐	~~MULTIPLE COMPLETE~~	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
~~SHOOT OR ACIDIZE~~	☐	~~ABANDON*~~	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
~~REPAIR WELL~~	☐	~~CHANGE PLANS~~	☐	(Other)			☐
(Other)	☐		☐	OK (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. ~~If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*~~

TEMPORARILY ABANDON
PERFORM REMEDIAL WORK
PULL OR ALTER CASING
PLUG AND ABANDON
CHANGE PLANS
OTHER

CASING TEST AND CEMENT JOB
REMEDIAL WORK
ALTERING CASING
COMMENCE DRILLING OPNS
PLUG AND ABANDON
OTHER

18. I hereby certify that the *foregoing* is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE : 1983—O—385229

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
			→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD & TVD)* | 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN | 27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963 O 683636

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

FORM

INSTRUCTIONS:
1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field.
2. Attach waivers from all operators within one-half (1/2) mile of the injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application, notifying such surface owners of this application and requesting waivers.
3. Should all necessary waivers not accompany application, the_____ shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for hearing is received, the application will then be processed.

Operator ✓		Address ✓	
Lease Name ✓	**Well No.** ✓	**Field**	**County** ✓
Location [illegible]			**SEC-TWP-ROE or Block & Survey**
and ____ feet from line	Line of Section	Section	

CASING AND TUBING DATA

Name of string	Size	Length	Sacks Cement	Top
Surface Casing	✓	✓	✓	✓
Intermediate	✓	✓	✓	✓
Long String	✓	✓	✓	✓
			Name, Model and Depth of Tubing Packer	
Tubing	✓	✓	✓ ✓ ✓	

Name and Top and Bottom of Injection Zone [illegible]

Is Injection through Tubing, Casing or Annulus? ✓	Perforations or Open Hole? ✓	Is this a new well Drilled for Disposal?

List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement

Is Injection Zone Productive of Oil or Gas in This Field?	Depth of Deepest Fresh Water Zone ✓	Top of Next Lower Zone

Anticipated Daily Injection Volume (bbls.) Minimum	Maximum	Open or Closed System?

Is Injection to be by Gravity or Pressure?	Approx. Pressure (Psi)	Source of Water to be Injected

Are there any other Salt Water Disposal Wells using this same Zone in this Field?	Yes or No ✓	If so name one such well below ✓

Name of Operator of Disposal Well in same zone ✓	Lease Name ✓	Well No. ✓

Is this well so cased and completed that water can enter no other formation than the above set out injection zone?	Yes or no	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?	Yes or no

List names and addresses of all operators within one-half (½) mile of this injection well:

Executed this the_____ day of_____, 19____

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____

SEAL

_____
Notary Public in and for_____
County,_____

My commission expires_____

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

FORM

DATE_____

Company	Pool	County

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, _____ herewith submits nominations for the purchase of gas from the _____ pool for the month(s) shown below:

MONTH	YEAR	MCF
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

FORM

DATE _____

Company	Pool	County

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, _____ herewith submits nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	MCF
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

FORM C-121-A

DATE _____

Company	Pool Address	~~County~~

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, _____ herewith submits nominations for the purchase of gas from the _____ pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY ~~MCF~~	SUPPLEMENTAL
JANUARY			
FEBRUARY			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
OCTOBER			
NOVEMBER			
DECEMBER			

All volumes in mcf

By _____

Title _____

Instructions:

1. [illegible]
2. [illegible]
3. [illegible]

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

FORM NO.

Month Of

Report Of

Address

KIND	STOCK ON HAND BEGINNING OF MONTH	RECEIPTS (Detail on Sheet)	RUNS TO STILLS RE-RUNS &/ BLENDED	PRODUCTS MANU-FACTURED	DELIVERIES	PLANT USE AND LOSSES	STOCK ON HAND END OF MONTH
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Liste.							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINED DELIVERIES OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALS.

CONSIGNEE	DESTINATION	HOW TRANSPORTED	BARRELS

Executed this the_____day of_____, 19____

State of_____

County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____day of_____, 19____

SEAL

_____

My commission expires_____

Notary Public in and for_____

County,_____

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

Operator		Address	
Lease Name	Well No.	Field	County

Location

[redacted], Well is located [redacted] Feet from the [redacted] line and [redacted] Feet

from the [redacted] line, Section [redacted] Township [redacted] Range [redacted]

CASING AND TUBING DATA

Name of string	Size	Setting Depth	Sacks Cement	Top of Cement	Top Determined By
Surface Casing					
Intermediate					
Long String					
			Name, Model and Depth of Tubing Packer		
Tubing					

Name of Proposed Injection Formation	Top of Formation	Bottom of Formation

Is Injection through Tubing, Casing or Annulus?	Perforations or Open Hole?	Proposed Interval(s) of Injection

Has a new well been drilled for disposal? If so, what was the formation originally drilled?

Has well ever been perforated in any zone other than the proposed injection zone?

List all such perforated intervals and indicate how each was sealed off or squeeze cemented

Depth of Bottom of Deepest Fresh Water	Depth of Bottom of Next Higher Oil or Gas	Depth of Top of Next Lower Oil or Gas

List names and addresses of all operators within one half (½) mile of this injection well:

Have copies of this Application been sent to each of the following	Surface Owner	Each Operator Within one-half mile of this well	The New Mexico State Engineer
Are the following Items Attached to this Application (See Rule 701-B)	Plat of Area	Electrical Log	Diagrammatic Sketch of Well

I hereby certify that the information given herein and in all attachments hereto is true and complete to the best of my knowledge and belief.

Signed _____ Title _____ Date _____

NOTE: Should a copy of this application not be sent to the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will not process the application for a period of 15 days from the date of receipt of the application in the Santa Fe office. If at the end of the 15-day waiting period, no protest has been received in the Santa Fe office, the application will be processed. If a protest is received, a hearing will be scheduled upon which the applicant so requests.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A

Operator | Address

Lease Name | Well No. | Field | County

Location

Unit Letter ; Well is located feet from the line and feet from the line, Section Township Range

CASING AND TUBING DATA

Name of string	Size	Setting Depth	Sacks Cement	Top determined?	Top Determined By
Surface Casing					
Intermediate					
Long String					
Tubing			Name, Model and Depth of Tubing Packer		

Name of Producing Formation | Top of Formation | Depth of Perforations

Is Injection through Tubing, Casing or Annulus? | Perforations or Open Hole? | Proposed Interval(s) of Injection

Was well originally drilled for oil or gas? | Has well ever been perforated in any zone other than the proposed injection zone?

If answer is yes, state what zone and explain how it was plugged off or squeezed each

Depth of Bottom of Deepest Fresh Water Stratum | Depth of Bottom of Next Higher Oil or Gas Zone | Depth of Top of Next Lower Oil or Gas Zone

Is Injection to be Continuous or Intermittent? | Approx. Pressure (PSI)

Source of Water | Native water or Distillate | Amount (Barrels per Day)

List names and addresses of all operators within one-half (½) mile of this injection well:

How copies of the Application were sent to the following:	Surface Owner	Each Operator within one-half mile of this well	The New Mexico State Engineer
Are the following items attached to this Application (See Rule 701(b))	Plat of Area	Electrical Log	Diagrammatic Sketch of Well

I certify that the information given herein and on all attachments hereto is true and complete to the best of my knowledge and belief.

Name Title Date

NOTE: If a copy was not sent to the State Engineer, the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period, no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing if the applicant so requests.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

Operator	Address

Lease Name	Well No.	Field	County

Location

Unit Letter ; Well is located ____ Feet from the ____ line and ____ line of Section ____ Township ____ Range ____

CASING AND TUBING DATA

Name of string	Size	Setting Depth / Length	Sacks Cement	Top of Cement	Top Determined By
Surface Casing					
Intermediate					
Long String					
			Name, Model and Depth of Tubing Packer		
Tubing					

Name of Producing Formation ____ Depth of Formation ____ Depth of Formation

Injection through Tubing, Casing or Annulus? | Perforations or Open Hole? | Proposed Interval(s) of Injection

Name of Field ____ Is this a new drilling well? ____ Has well ever been perforated in any zone other than the proposed injection zone?

If answer is yes, list all such perforated intervals and sacks of cement used to seal off or squeeze each

Depth of Bottom of Deepest Fresh Water	Depth of Bottom of Next Higher Oil or Gas Zone	Depth of Top of Next Lower Oil or Gas Zone
	Separate or Closed Fresh Zone	
Chemical analysis of fresh water in the area and analysis of water or other corrosive substance in the proposed injection zone	Water to be Disposed	Chemical analysis of water in Disposal Zone

List names and addresses of all operators within one-half (½) mile of this injection well:

Have copies of this Application been sent to each of the following	Surface Owner	Each Operator Within one-half mile of this well	The New Mexico State Engineer
Are the following Items Attached to this Application (See Rule 701 b)	Plat of Area	Electrical Log	Diagrammatic Sketch of Well

I hereby certify that the statements given herein and on all attachments hereto are true and complete to the best of my knowledge and belief.

Signed ____ Title ____ Date ____

NOTE: Should the Santa Fe Land Office, the Surface Owner, and all operators within one-half mile of this injection well not receive copies of this application from the New Mexico Oil Conservation Commission within ten days of the date of receipt of this application, it may be assumed no protest will be received. If a protest

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE NEW MEXICO

5-1-61

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

Operator		Address	
Lease Name	Well No.	Field	County
Location Unit Ltr. ; Well is located ____ feet from the ____ line and ____ feet from the ____ line of Section ____ Township ____ Range ____ NMPM			

Name of string	Size	Setting Depth	Sacks Cement	Top of Cement	Top Determined By
Surface Casing					
Intermediate					
Long String					
Tubing			Name, Model and Depth of Tubing Packer		

Name of Proposed Injection Formation	Top of Formation	Bottom of Formation

Is injection through Tubing, Casing or Annulus?	Perforations or Open Hole?	Proposed Interval(s) of Injection

Is this a new well Drilled for Disposal?	If Answer is NO, for what purpose was well originally Drilled?	Has well ever been Perforated in any zone other than the proposed injection zone?

List all such perforated intervals and sacks of cement used to seal off or squeeze each

Depth of Bottom of Deepest Fresh Water Zone in this area	Depth of Bottom of Next Higher Oil or Gas Zone in this area	Depth of Top of Next Lower Oil or Gas Zone in this area

Anticipated Daily Injection Volume (Barrels)	Minimum	Maximum	Open or Closed Type System	Is injection to be by Gravity or Pressure	Approx. Formation Pressure

Answer Yes or No whether the following waters are mineralized to such a degree as to be unfit for domestic stock, irrigation or other general use	Water to be Disposed Of	Natural Water in Disposal Zone	Are Water and Gases Affected?

Name and address of surface owner (or lessee if state or federal land)

List names and addresses of all operators within one-half (½) mile of this injection well:

Have copies of this application been sent to each of the following	Surface owner	Each Operator within one-half mile of this well	The New Mexico State Engineer
Are the following items Attached to this Application (See Rule 701-B)	Plat of Area	Electrical Log	Diagrammatic Sketch of Well

I hereby certify that the information given herein and in all attachments hereto is true and complete to the best of my knowledge and belief.

Signed _____ Title _____ Date _____

NOTE: Should no objections from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period, no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing if the applicant so requests.

C-124

NEW MEXICO OIL CONSERVATION COMMISSION
RESERVOIR PRESSURE REPORT

TYPE OF REPORT — (X)	
Initial Completion	
Special	
General Survey	

Operator	Field		County	Date
Address	Producing Formation	Oil Gradient	Water Gradient	Datum Plane	Gas Gravity

LEASE	ELEV.	WELL No.	LOCATION U	S	T	R	OIL (O) OR GAS (G)	DATE TESTED	HOURS SHUT-IN TIME	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP.	OBSERVD PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (Bbls/Day) Oil	Water	FLUID ~~LIQUID~~ LEVEL	FLUID ~~LIQUID~~ GRADIENT	WT. OF ~~LIQ~~ FLUID COL.	WT. OF GAS COL.	CSG. PR.	PRESS. AT DATUM

TYPE OF REPORT — (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION
RESERVOIR PRESSURE REPORT

Operator	Field	County	Date
Address	Producing Formation	Oil Gradient	Water Gradient	Datum Plane	Gas Gravity

LEASE	ELEV.	WELL No.	LOCATION U	S	T	R	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN TIME	SHUT-IN PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP.	OB-SERVD PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (Bbls/Day) Oil	Water	LIQUID LEVEL	LIQUID GRADIENT	WT. OF LIQUID COL.	WT. OF GAS COL.	CSG. PR.	PRESS. AT DATUM

TYPE OF REPORT -- (x)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION
RESERVOIR PRESSURE REPORT

Operator	Field		County	Date	
Address	Producing Formation	Oil Gradient	Water Gradient	Datum Plane	Gas Gravity

LEASE	ELEV.	WELL No.	LOCATION U	S	T	R	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN TIME	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP.	OBSERV'D PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (Bbls/Day) Oil	Water	LIQUID LEVEL	LIQUID GRADIENT	WT. OF LIQUID COL.	WT. OF GAS COL.	CSG. PR.	PRESS. AT DATUM

C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

FORM

DATE _____

Compa. /	Pool Address	County

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above-named company herewith submits its nominations for the purchase of gas from the _____ pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
JANUARY			
FEBRUARY			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
OCTOBER			
NOVEMBER			
DECEMBER			
JANUARY			

Note: All nominations are to be MCF at 15.025 psia and 60° F

Signed _____ Title _____ Date _____

INSTRUCTIONS:

1. [illegible] fill in the appropriate months in the preliminary column only
2. [illegible] fill in the preliminary nomination previously made for that month, as well as the supplemental nomination which you wish to make.
3. This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.

R-1 (C-113

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To

Do we want
Sheet, 1-B Details
and
Deliveries,
Sheet 2 Detail of
Stocks on hand,
also if this form is
on legal size the bottom
section, Detail of Receipts
can be expanded to show
additional sheets should
show [illegible]

C-113

NEW MEXICO OIL CONSERVATION COMMISSION

REFINERY MONTHLY REPORT

FORM NO

Month of

Report of

Address

KIND	STOCK ON HAND BEGINNING OF MONTH	RECEIPTS (Detail ~~or sheet~~)	RUNS TO STILLS RE-RUNS &/ BLENDED	PRODUCTS MANU-FACTURED	DELIVERIES (Detail on sheet 2)	PLANT USE AND LOSSES	STOCK ON HAND END OF MONTH
Crude Oil		below					
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Dists.							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY ~~DELIVERIES~~ RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GAL.

CONSIGNEE	DESTINATION	HOW TRANSPORTED	BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

Executed this the _____ day of _____, 19____

State of _____

County of _____

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

My commission expires _____

Notary Public in and for _____

County, _____

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

F COMPLETION

WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

of Operator

dress of Operator

Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information above is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico		Northwestern New Mexico	
T. Anhy		T. Canyon		T. Ojo Alamo	
T. Salt		T. Strawn		T. Kirtland-Fruitland	
B. Salt		T. Atoka		T. Pictured Cliffs	
T. Yates		T. Miss		T. Cliff House	
T. 7 Rivers		T. Devonian		T. Menefee	
T. Queen		T. Silurian		T. Point Lookout	
T. Grayburg		T. Montoya		T. Mancos	
T. San Andres		T. Simpson		T. Gallup	
T. Glorieta		T. McKee		T. Dakota	
T. Paddock		T. Ellenburger		T. Morrison	
T. Blinebry		T. Gr. Wash		T. Todilto	
T. Tubb		T. Granite		T. Entrada	
T. Drinkard		T. Delaware Sand		T. Wingate	
T. Abo		T. Bone Springs		T. Chinle	
T. Wolfcamp		T.		T. Permian	
T. Penn.		T.		T. Penn.	
T. Cisco (Bough C)		T.		T.	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

Form C-102

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT—" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-	5. State Oil & Gas Lease No. / 7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
3. Address of Operator	9. Well No.
4. Location of Well	10. Field and Pool, or Wildcat
15. Elevations (Show whether DF, RT, GR, Etc.)	12. County

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- REMEDIAL ☐
- TEMPORARILY ABANDON ☐
- PULL OR ALTER CASING ☐
- PLUG AND ABANDON ☐
- CHANGE PLANS ☐
- OTHER _____ ☐

SUBSEQUENT REPORT OF:

- REMEDIAL ☐
- CASING TEST AND CEMENT ☐
- ALTERING CASING ☐
- PLUG AND ABANDONMENT ☐
- OTHER _____ ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log.-Form C-105)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION (Form C-111)
Santa Fe, New Mexico (Form C-114)

MONTHLY GAS REPORT

Operator | Month | Year

Address | Plant

Report All Volumes in MCF at 15.025 lbs. and 60° F.

SECTION I - INTAKE VOLUME

	Volume MCF
Total Gas from Oil Wells (Detail on Sheet 2)	
Total Gas from Gas Wells (Detail on Sheet 2)	
Total Gas from Other Sources (Detail on Sheet 2)	
Total	

SECTION II - DISPOSITION OF RESIDUE

	Volume MCF
Plant Fuel	
Return for Lease Fuel	
Sold or Other Disposition	
Return to Earth	
Vented	
Shrinkage	
Total	

SECTION III - PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN BBLS. of 42 U.S. Gal.

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
Total					

SECTION IV - ACQUISITION

Total Volume of Gas Not Processed Through a Plant	

SECTION V - DISPOSITION OF GAS NOT PROCESSED THROUGH A PLANT

	Volume MCF
Fuel System	
Lease Use	
Gas Lift	
Sold or Other Disposition	
Total	

SECTION VI - DETAIL OF SALE OR OTHER DISPOSITION

Name of Purchaser or User	Address	Used For	Volume MCF

Remarks

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge.

Executed this the ____ day of _____ 19__ MONTHLY GAS REPORT
By _____ Authorized by Order No. _____
Title _____ Effective _____ 19__

T-1 C-112

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To do we want to
Print Slots
1-A Receipts by Fields, by Crops
1-B Receipts from other sources
1-C Deliveries
2 Statistics
(If we do Legal Size, sheet
1-B and sheet 1-C should
be next to

Dave -

After changing the certification of the bottom of this, you will pick up a little space - you might divide it between the 2nd section, Receipts from Other Sources" and the 3rd Section "Deliveries."

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

FORM NO.

Month Of

Report Of

Address

	BARRELS
Total Stock Beginning of Month POOLS Pool	

RECEIPTS BY ~~FIELDS~~, BY LEASES — TOTAL EACH ~~FIELD~~ (Attach

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				Additional Sheets if necessary)	
				TOTAL	

RECEIPTS FROM OTHER SOURCES (

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	additional sheets if nec.)	
	TOTAL	
TOTAL RECEIPTS		
STOCK - FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (attach

TO WHOM	PLACE OF DELIVERY	BARRELS
	attach sheets if nec.)	
	TOTAL	
TOTAL STOCK - END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCKS - PLUS SHORTAGE OR MINUS OVERAGE		

Please certify that all gas transported is the gas of my lease only!

Signed _____ Date _____

Executed this the _____ day of _____, 19____

State of _____
County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

My commission expires _____

_____
Notary Public in and for _____
County, _____

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MONTHLY GAS REPORT

FORMS C-111, C-114

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60°F

SECTION I - INTAKE VOLUME

	VOLUME - MCF
Total Gas from Oil Wells (Detail on Sheet 2)	
Total Gas from Gas Wells (Detail on Sheet 2)	
Total Gas from Other Sources (Detail on Sheet 2)	
Sub-total	
Total Volume of Gas Not Processed Through a Plant (Detail on Sheet 2-A)	
TOTAL	

SECTION II - DISPOSITION

	VOLUME - MCF
Fuel System	
Lease Use	
Return to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition (Detail Below)	
TOTAL	

SECTION III - PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN BARRELS OF 42 U.S. GALS.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV - DETAIL OF SALE OR OTHER DISPOSITION

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME - MCF

Remarks

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge.

Executed this the ___ day of _____, 19___

By _____

Title _____

MONTHLY GAS REPORT
Authorized by Order No. _____
Effective _____, 19__

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MONTHLY GAS REPORT

FORMS C-111, C-114

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60°F

SECTION I - INTAKE VOLUME

	VOLUME - MCF
Total Gas from Oil Wells (Detail on Sheet 2)	
Total Gas from Gas Wells (Detail on Sheet 2)	
Total Gas from Other Sources (Detail on Sheet 2)	
Sub-total	
Total Volume of Gas Not Processed Through a Plant (Detail on Sheet 2-A)	
TOTAL	

SECTION II - DISPOSITION

	VOLUME - MCF
Fuel System	
Lease Use	
Return to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition (Detail Below)	
TOTAL	

SECTION III - PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN BARRELS OF 42 U.S. GALS.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV - DETAIL OF SALE OR OTHER DISPOSITION

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME - MCF

Remarks

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge.

Executed this the ___ day of _____, 19__

By _____

Title _____

MONTHLY GAS REPORT

Authorized by Order No. _____

Effective _____, 19__

NEW MEXICO OIL CONSERVATION COMMISSION (Form C-111)
Santa Fe, New Mexico (Form C-114)

MONTHLY GAS REPORT

Operator | Month | Year

Address | Plant

Report All Volumes in MCF at 15.025 lbs. and 60° F.

SECTION I - INTAKE VOLUME

	Volume MCF
Total Gas from Oil Wells (Detail on Sheet 2)	
Total Gas from Gas Wells (Detail on Sheet 2)	
Total Gas from Other Sources (Detail on Sheet 2)	
Subtotal	
Total Volume of Gas Not Processed Through a Plant (Detail on Sheet 2-A)	
Total	

SECTION II - DISPOSITION

	Volume MCF
Fuel System	
Lease Use	
Return to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition (Detail Below)	
Total	

SECTION III - PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN BBLS. OF 42 U. S. GAL.

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
Total					

SECTION IV - DETAIL OF SALE OR OTHER DISPOSITION

Name of Purchaser or User	Address	Used For	Volume MCF

Remarks

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge.

Executed this the ____ day of _____ 19___ MONTHLY GAS REPORT

By _____ Authorized by Order No. _____

Title _____ Effective _____ 19___

DRAFT
10/4/61

INSTRUCTIONS:

The address as required on this report shall be clear and definite as to street, number, city, and state. This report shall be filed as outlined below on or before the 15th day of each calendar month and shall be complete as to the data required by such forms covering the month next preceding the date of filing. One executed copy shall be filed with the Oil Conservation Commission at Santa Fe and one executed copy shall be filed with the district office at Hobbs. One executed copy shall be filed with the district office at Aztec when plant is located in District 3.

Report the volume of gas taken from each gas well separately. Report the volume of gas taken from oil wells by units.

On Sheet 2 and Sheet 2-A:

1. List pools alphabetically
2. List operators alphabetically within the pools
3. Total each pool
4. Total each company within a pool

This report, including Sheet 2, shall be made by each Operator of a Gasoline Plant, Cycling Plant, or any other plant, at which gasoline, butane, propane, condensate, kerosene, oil or other liquid products are extracted from natural gas. Fill out appropriate lines in Sections I, II, III, and IV on Sheet 1.

Where gas is taken from an oil and/or gas well by the producer into a fuel or other gas system and used outside the basic lease said producer is required to make this report. In case gas is taken at the well by any person other than the producer then such person is required to make this report. Fill out the appropriate lines of Sections I, II, and IV and Sheet 2-A.

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

Unit ____. Located ____ feet from the ____ line and ____ feet from the ____ line of Sec. ____ Twp. ____ Rge. ____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, Etc.)	19. Elev. Casing head

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period →	Oil-Bbl.	Gas-MCF	Water-Bbl.	Gas-Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil-Bbl.	Gas-MCF	Water-Bbl.	Oil Gravity-API (Corr.)

34. Disposition of Gas (Sold, Used for fuel, Vented, Etc.)

Test Witnessed By

35. List of Attachments

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED _____ TITLE _____ DATE _____

C-116

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Operator	Field and Reservoir	County
Address	Month	TYPE OF TEST — (X) Scheduled ☐ Completion ☐ Special ☐

LEASE NAME AND CODE NUMBER.	WELL No.	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES				SEPARATOR TEMP OF	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PRODUCTION DURING TEST				GAS-OIL RATIO CU. FT. PER BBL.
					TBG.	CSG. BEGIN	CSG. END	SEPARATOR				WATER Bbls.	GRAV. OIL	OIL Bbls.	GAS MCF	

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

FORM

INSTRUCTIONS:
1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field.
2. Attach waivers from all operators within one-half (1/2) mile of the injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application, notifying such surface owners of this application and requesting waivers.
3. Should all necessary waivers not accompany application, the_____ shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for hearing is received, the application will then be processed.

Operator		Address	
Lease Name	Well No.	Field	County
Location		SEC-TWP-RGE or Block & Survey	

CASING AND TUBING DATA

Name of string	Size	Length	Cement Data
Surface Casing			
Intermediate			
Long String			
			Name, Model and Depth of Tubing Packer
Tubing			

Name and Top and Bottom of Injection Zone		
Is Injection through Tubing, Casing or Annulus?	Perforations or Open Hole?	Is this a new well Drilled for Disposal?
List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement		
Is Injection Zone Productive of Oil or Gas in This Field?	Depth of Deepest Fresh Water Zone	Top of Next Lower Zone
Anticipated Daily Injection Volume (bbls.) Minimum	Maximum	Open or Closed System?
Is Injection to be by Gravity or Pressure?	Approx. Pressure (Psi)	Source of Water to be Injected
Are there any other Salt Water Disposal Wells using this same Zone in this Field? Yes or No	If so name one such well below	
Name of Operator of Disposal Well in same zone	Lease Name	Well No.
Is this well so cased and completed that water can enter no other formation than the above set out injection zone? Yes or no	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?	Yes or no

List names and addresses of all operators within one-half (½) mile of this injection well:

Executed this the_____ day of_____, 19____

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____

SEAL

_____
Notary Public in and for_____
County,_____

My commission expires_____

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

FORM

INSTRUCTIONS:
1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field.
2. Attach waivers from all operators within one-half (1/2) mile of the injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application, notifying such surface owners of this application and requesting waivers.
3. Should all necessary waivers not accompany application, the_____ shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for hearing is received, the application will then be processed.

Operator		Address	
Lease Name	Well No.	Field	County
Location			**SEC-TWP-RGE or Block & Survey**

CASING AND TUBING DATA

Name of string	Size	Length	Cement Data
Surface Casing			
Intermediate			
Long String			
			Name, Model and Depth of Tubing Packer
Tubing			

Name and Top and Bottom of Injection Zone		
Is Injection through Tubing, Casing or Annulus?	**Perforations or Open Hole?**	**Is this a new well Drilled for Disposal?**
List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement		
Is Injection Zone Productive of Oil or Gas in This Field?	**Depth of Deepest Fresh Water Zone**	**Top of Next Lower Zone**
Anticipated Daily Injection Volume (bbls.) Minimum	Maximum	**Open or Closed System?**
Is Injection to be by Gravity or Pressure?	**Approx. Pressure (Psi)**	**Source of Water to be Injected**

Are there any other Salt Water Disposal Wells using this same Zone in this Field?	**Yes or No**	**If so name one such well below**	
Name of Operator of Disposal Well in same zone		**Lease Name**	**Well No.**
Is this well so cased and completed that water can enter no other formation than the above set out injection zone?	**Yes or no**	**Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?**	**Yes or no**

List names and addresses of all operators within one-half (½) mile of this injection well:

Executed this the_____ day of_____, 19____

State of_____
County of_____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared_____ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this_____ day of_____, 19____

SEAL

_____

My commission expires_____

Notary Public in and for_____
County,_____

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____ (Name of party making ~~affidavit~~ report) being of lawful age and having full knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of _____

that on _____, 19____ I personally supervised the setting of a _____ (Make & type of packer)

in _____ (Operator of well) _____ (Lease name),

Well no. _____ located in the _____ field, _____

county, state of _____, at a subsurface depth of _____ feet,

said depth measurement having been furnished me by _____ ;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Name

Title

Date

Executed this the _____ day of _____, 19____

State of _____

County of _____

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____ (Name of party making affidavit), being of lawful age and having full knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of _____,

that on _____, 19____ I personally supervised the setting of a _____ (Make & type of packer)

in _____ (Operator of well) _____ (Lease name),

Well no. _____ located in the _____ field, _____

county, state of _____, at a subsurface depth of _____ feet,

said depth measurement having been furnished me by _____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Executed this the _____ day of _____, 19____

State of _____)
County of _____)

_____
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 19____

SEAL

_____
Notary Public in and for _____ County, _____

My commission expires _____

C-119

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

FORM NO.

MONTH

Operator

Plant Name | Process

County | Field

Date	Rated Capacity – MCF Gas Daily	Permit No.	Sulphur Content Gr. per 100 cu. Ft.	Recovery/MCF lbs.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MONTHLY VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
ESTIMATED AVERAGE BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture (include furnace fuel in Furnace Plants)	
4.	Other (Detail)	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G STOCK	PRODUCTION	DELIVERIES	CLOSG STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F.

Signed ... Title ...

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Form No.

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity – MCF Gas Daily | Permit No. | Sulphur Content Gr. per 100 cu. FT. | Recovery/MCF 165.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MONTHLY VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
ESTIMATED AVERAGE BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture (include furnace fuel in Furnace Plants)	
4.	Other (Detail)	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'S STOCK	PRODUCTION	DELIVERIES	CLOS'S STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of psia and to a temperature of °F.

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Form C-No.

Month

Operator				
Plant Name			Process	
County		Field		
Date	Rated Capacity – MCF Gas Daily	Permit No.	Sulphur Content Gr. per 100 cu. FT.	Recovery/MCF lbs.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MONTHLY VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
ESTIMATED AVERAGE BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture (include furnace fuel in Furnace Plants)	
4.	Other (Detail)	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G STOCK	PRODUCTION	DELIVERIES	CLOS'G STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of _____ psia and to a temperature of _____ °F.

NEW MEXICO OIL CONSERVATION COMMISSION

GAS [illegible] SANTA FE, NEW MEXICO [illegible]

~~MONTHLY~~ GAS REPORT

FORMS C-111, C-114

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60°F

SECTION I - INTAKE VOLUME

	VOLUME - MCF
Total Gas from Oil Wells (Detail on Sheet 2)	
Total Gas from Gas Wells (Detail on Sheet 2)	
Total Gas from Other Sources (Detail on Sheet 2)	
Sub-total	
Total Volume of Gas Not Processed Through a Plant (Detail on Sheet 2-A)	
TOTAL	

SECTION II - DISPOSITION

	VOLUME - MCF
Fuel ~~System~~	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition (Detail Below)	
TOTAL	

SECTION III - PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN BARRELS OF 42 U.S. GALS.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV - DETAIL OF SALE OR OTHER DISPOSITION

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME - MCF

Remarks

CERTIFICATE

I hereby certify that ~~the information given above~~ this report is true and complete to the best of my knowledge.

Executed this the ___ day of _____, 19__

Name _____

Title _____

Date

MONTHLY GAS REPORT
authorized by Order No. _____
Effective _____, 19__

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ *(Signature)* _____ *(Title)* _____ *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information above is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico		Northwestern New Mexico	
T. Anhy		T. Canyon		T. Ojo Alamo	
T. Salt		T. Strawn		T. Kirtland-Fruitland	
B. Salt		T. Atoka		T. Pictured Cliffs	
T. Yates		T. Miss		T. Cliff House	
T. 7 Rivers		T. Devonian		T. Menefee	
T. Queen		T. Silurian		T. Point Lookout	
T. Grayburg		T. Montoya		T. Mancos	
T. San Andres		T. Simpson		T. Gallup	
T. Glorieta		T. McKee		T. Dakota	
T. Paddock		T. Ellenburger		T. Morrison	
T. Blinebry		T. Gr. Wash		T. Todilto	
T. Tubb		T. Granite		T. Entrada	
T. Drinkard		T. Delaware Sand		T. Wingate	
T. Abo		T. Bone Springs		T. Chinle	
T. Wolfcamp		T.		T. Permian	
T. Penn.		T.		T. Penn.	
T. Cisco (Bough C)		T.		T.	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ (Signature) _____ (Title) _____ (Date)

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS-OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL — OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION — NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas–Oil Ratio

Flow. Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information above is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico				Northwestern New Mexico	
T. Anhy		T. Canyon		T. Ojo Alamo	
T. Salt		T. Strawn		T. Kirtland-Fruitland	
B. Salt		T. Atoka		T. Pictured Cliffs	
T. Yates		T. Miss		T. Cliff House	
T. 7 Rivers		T. Devonian		T. Menefee	
T. Queen		T. Silurian		T. Point Lookout	
T. Grayburg		T. Montoya		T. Mancos	
T. San Andres		T. Simpson		T. Gallup	
T. Glorieta		T. McKee		T. Dakota	
T. Paddock		T. Ellenburger		T. Morrison	
T. Blinebry		T. Gr. Wash		T. Todilto	
T. Tubb		T. Granite		T. Entrada	
T. Drinkard		T. Delaware Sand		T. Wingate	
T. Abo		T. Bone Springs		T. Chinle	
T. Wolfcamp		T.		T. Permian	
T. Penn.		T.		T. Penn.	
T. Cisco (Bough C)		T.		T.	

FORMATION RECORD (*Attach additional sheets if necessary*)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS-OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well Unit____. Located____ feet from the____ line and feet from the line of Sec. Twp. Rge. NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21b. Drilling Contractor	22. Approx. date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

(This space for Federal or State Use)

PERMIT NO.____ APPROVAL DATE____

APPROVED BY____ TITLE____ DATE____

CONDITIONS OF APPROVAL, IF ANY:

Form C-000

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

Operator		Address	
Lease Name	Well No.	Pool	County
Location		Transporter	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

Oil Was Purchased From*		Address
Bbls. Purchased	Date Purchased	Date of Letter when Commission was notified in compliance with Rule 1105(b)

SOURCE OF LOAD OIL

PURCHASED LOAD

FROM WHOM PURCHASED	ADDRESS
BARRELS	DATE PURCHASED

LOAD OIL TRANSFERRED FROM ANOTHER POOL OR LEASE

LEASE FROM WHICH TRANSFERRED	POOL FROM WHICH TRANSFERRED
BARRELS TRANSFERRED	DATE OF TRANSFER (IF NOT PURCHASED)

I hereby certify that the information given herein is true and complete to the best of my knowledge and belief.

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

Signed _____ Title _____ Date _____

_____ (Signature)

_____ (Title) _____ (Date)

* Insert Lease name, location, and pool if oil supplied from a lease.

Form C-000

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

Operator		Address	
Lease Name	Well No.	Pool	County
Location		Transporter	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

Oil Was Purchased From*		Address	
Bbls. Purchased	Date Purchased	Date of Letter when Commission was notified in compliance with Rule 1109(b)	

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

* Insert Lease name, location, and pool if oil supplied from a lease.

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

b. TYPE OF COMPLETION — OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ____
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well Unit Letter ____
Unit Letter ____. Located ____ feet from the ____ line and ____ feet from the ____ line of Sec. ____ Twp. ____ Rge. ____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, Etc.) | 19. Elev. Casinghead

20. Total Depth | 21. Plug Back T.D. | 22. If Mult. Compl., How Many | 23. Intervals Drilled By → Rotary Tools | Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production | Production Method (Flowing, gas lift, pumping - size and type pump) | Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, Used for fuel, Vented, Etc.) | Test Witnessed By

35. List of Attachments

36. I hereby certify that the foregoing and attached information is complete ~~and correct as determined from all available records~~ true and to the best of my knowledge and belief.

SIGNED ____ TITLE ____ DATE ____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. In multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 105

REPORT INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Devonian Canyon	T. Ojo Alamo	
T. Salt	T. Silurian Strawn	T. Kirtland-Fruitland	
B. Salt	T. Montoya Atoka	T. Farmington Pictured Cliffs	
T. Yates	T. Simpson Miss	T. Pictured Cliffs Cliff House	
T. 7 Rivers	T. McKee Devonian	T. Menefee Menefee	
T. Queen	T. Ellenburger Silurian	T. Point Lookout	
T. Grayburg	T. Gr. Wash Montoya	T. Mancos	
T. San Andres	T. Granite Simpson	T. Gallup Gallup	
T. Glorieta	T. Delaware Sand McKee	T. Dakota Dakota	
T. Drinkard Paddock	T. Bone Springs Ellenburger	T. Morrison Morrison	
T. Tubbs Blinebry	T.	T. Todilto Todilto	
T. Abo Tubb	T.	T. Entrada Entrada	
T. Penn Drinkard	T.	T. Wingate	
T. Miss Abo	T.	T. Chinle Chinle	
T. Penn Wolfcamp	T.	T. Permian Permian	
T. Cisco (Bough C) Penn	T.	T. Penn. Penn	
T. Miss Cisco (Bough C)	T.	T.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information contained herein is true and complete to the best of my knowledge.

Name _____ Title _____ Date _____

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO OIL CONSERVATION CONSOLIDATION REPORTS AND FORMS

Form No.	Title		Form No.	Title
C-101	Notice of Intention to Drill	Substitute Form	(New USGS)	Application for Permit [illegible]
C-102	Miscellaneous Notices	" "	" "	Sundry Notices and Reports [illegible]
C-103	Miscellaneous Reports on Wells	" "	" "	" " " " [illegible]
C-104	Request for (Oil)-(Gas) Allowable	" "	IOCC P-6) G-3)	Potential Test & Request [illegible] Request for Gas Allowable [illegible]
C-105	Well Record	" "	(New USGS)	Well Completion or Recompletion [illegible]
C-110	Certificate of Compliance and Authorization to Transport Oil and Natural Gas	" "	IOCC P-17	Operators Certificate of [illegible] Authorization to Transport [illegible]
C-111	Monthly Gas Report Sheet 1	" "	IOCC G-7	Producers Report of Gas [illegible] disposition to have [illegible]
	Sheet 2	" "	G-8	Gas Purchasers Monthly [illegible]
G-112	Transporters & Storers Monthly Report with 5 Sheets	" "	IOCC T-1	Transporters & Storers [illegible]
G-113	Refiners Monthly Reports with 4 Sheets	" "	IOCC R-1	Refiners Monthly Reports [illegible]
C-114	Gasoline or Other Extraction Plan & Monthly Report with 2 Sheets	" "	IOCC G-9	Gasoline Plant or Process [illegible] Monthly Report (Use [illegible] and certificate)
C-115	Operators Monthly Report	" "	New OCC Form	Check with USGS
C-116	Gas Oil Ratio Report	" "	IOCC P-9	Well Status Report and [illegible] (Add Sch. Test ___ Comp. [illegible] from 116 + instruction)
C-117A	Sediment Oil Destruction Permit			No Substitute
C-117B	Sediment Oil Recovery Permit		IOCC P-10	Not Recommended
C-118	Treating Plant Operators Monthly Report Sheet 1			No Substitute
C-118	Pipeline Quality Oil Recovered by Treating Plants Sheet 1			No Substitute
C-119	Carbon Black Plant Monthly Report	" "	IOCC C-1	Carbon Black Plant Report (If [illegible]
C-120	Monthly Injection Report	" "	IOCC P-13	Report of Injection Project
C-121	Crude Oil Purchasers Nominations			No Substitute
C-121A	Gas Purchasers Preliminary Nominations	" "	IOCC G-6	Purchasers Gas Nominations (No [illegible]
C-122	Multi-Point Back Pressure Test for Gas Wells			Discuss with Utz.
C-122A)				(" " "
C-122B)				(" " "
C-122C)				(" " "
C-123	Request for Ext. of Existing Pool or the Creation of a New Pool			No Substitute (Question [illegible]
C-124	Bottom Hole Pressures	" "	IOCC P-12	Reservoir Pressure Report (Add U[illegible] is Elev. needed?)

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO
OIL CONSERVATION COMMISSION REPORTS AND FORMS

Title	Substitute Form	Form No. (New USGS)	Title
[illegible] to Drill	" "	" "	Application for Permit to:
[illegible] Notices	" "	" "	Sundry Notices and Reports on Wells
[illegible] Reports on Wells	" "	" "	" " " " " "
[illegible]-(Gas) Allowable	" "	IOCC P-6) G-3)	Potential Test & Request for Allowable-Oil Well Request for Gas Allowable (Combine)
[illegible]	" "	(New USGS)	Well Completion or Recompletion Report & Log
[illegible] of Compliance and Authorization to [illegible] and Natural Gas	" "	IOCC P-17	Operators Certificate of Compliance and Authorization to Transport Oil or Gas From Lease
[illegible] Report Sheet 1	" "	IOCC G-7	Producers Report of Gas Production (Rearrange disposition to have horizontal instead of vertical)
Sheet 2	" "	G-8	Gas Purchasers Monthly Report (Add Unit-STR)
[illegible] Storers Monthly Report with 5 Sheets	" "	IOCC T-1	Transporters & Storers Monthly Reports with 5 Sheets
[illegible] Reports with 4 Sheets	" "	IOCC R-1	Refiners Monthly Reports with 4 Sheets
[illegible] Extraction Plan & Monthly Report [illegible]	" "	IOCC G-9	Gasoline Plant or Press Maintenance Plant Monthly Report (Use front only and add remarks and certificate)
[illegible] Report	" "	New OCC Form	Check with USGS
[illegible] Report	" "	IOCC P-9	Well Status Report and Gas-Oil Ratio Tests (Add Seh. Test ___ Comp. Test ___ Spec. ___ from 116 + instruction)
[illegible] Construction Permit			No Substitute
[illegible] Recovery Permit		IOCC P-10	Not Recommended
[illegible] Operators Monthly Report Sheet 1			No Substitute
[illegible] Oil Recovered by Treating Plants Sheet 1			No Substitute
[illegible] Plant Monthly Report	" "	IOCC C-1	Carbon Black Plant Report (If needed at all)
[illegible] Report	" "	IOCC P-13	Report of Injection Project
[illegible] Purchasers Nominations			No Substitute
[illegible] Preliminary Nominations	" "	IOCC G-6	Purchasers Gas Nominations (No certificate necessary)
[illegible] Back Pressure Test for Gas Wells			Discuss with Utz.
			(" " "
			(" " "
			(" " "
[illegible] Ext. of Existing Pool or the Creation of a New Pool			No Substitute (Question necessity)
[illegible] Pressures	" "	IOCC P-12	Reservoir Pressure Report (Add Unit-STR, is Elev. needed?)

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO

OIL CONSERVATION COMMISSION REPORTS AND FORMS

Form No.	Title	Substitute Form	Form No.	Title
C-125	Semi-Annual 24-Hour Sheet in Pressures on Gas Wells			Discuss with Wts.
C-126	Permit for Transporting Recovered Lease Oil	" "	IOCC P-19	Certificate for Lease [illegible] Transport Recovered [illegible] block. Check with [illegible] is necessary. Could [illegible]
C-127	Oil Producers Nomination Request for Allowable Changes			No Substitute
C-128	Well Location and Acreage Dedication Plat	" "	New USGS Form?	
39-A1)	$10,000 Blanket Bond	" "	IOCC P-2	Bond
39-B1)	One Well Bond	" "	"	"
No. #	Application for Multiple Completions	" "	IOCC P-3	Applications for [illegible] No certification and no [illegible]
No. #	Packer Setting Report	" "	IOCC P-4	Packer Setting Report
No. #	Packer Seakage Test	" "	IOCC P-5	Packer Seakage Test [illegible]

[redacted] IN NEW MEXICO

[redacted] REPORTS AND FORMS

Title			Form No.	Title
[redacted]ent in Pressures on Gas Wells	Substitute Form			Discuss with Utz.
[redacted]ng Recovered Load Oil	"	"	IOCC P-19	Certificate for Load Oil Credit and Permit to Transport Recovered Load Oil. (Add approval block. Check with OCC if reference to 1109(b) is necessary. Could C-110 or P-17 be used)
[redacted]tion Request for Allowable Changes				No Substitute
[redacted]rage Dedication Plat	"	"	New USGS Form?	
[redacted]	"	"	IOCC P-2	Bond
[redacted]	"	"	"	"
[redacted]ple Completions	"	"	IOCC P-3	Applications for Multiple Completion and Instruction No certification and no 10-day waiting period
[redacted]	"	"	IOCC P-4	Packer Setting Report
[redacted]	"	"	IOCC P-5	Packer Seakage Test (Except for gas wells in NW)

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO
OIL CONSERVATION COMMISSION REPORTS AND FORMS

Form No.	Title			Form No.	Title
C-101	Notice of Intention to Drill	Substitute Form		(New USGS)	Application for Permit to
C-102	Miscellaneous Notices	"	"	" "	Sundry Notices and Reports
C-103	Miscellaneous Reports on Wells	"	"	" "	" " " "
C-104	Request for (Oil)-(Gas) Allowable	"	"	IOCC P-6) G-3)	Potential Test & Request for Request for Gas Allowable
C-105	Well Record	"	"	(New USGS)	Well Completion or Recompletion
C-110	Certificate of Compliance and Authorization to Transport Oil and Natural Gas	"	"	IOCC P-17	Operators Certificate of Compliance Authorization to Transport
C-111	Monthly Gas Report Sheet 1	"	"	IOCC G-7	Producers Report of Gas Disposition to have beneficial
	Sheet 2	"	"	G-8	Gas Purchasers Monthly Report
G-112	Transporters & Storers Monthly Report with 5 Sheets	"	"	IOCC T-1	Transporters & Storers
G-113	Refiners Monthly Reports with 4 Sheets	"	"	IOCC R-1	Refiners Monthly Reports
C-114	Gasoline or Other Extraction Plan & Monthly Report with 2 Sheets	"	"	IOCC G-9	Gasoline Plant or Process Monthly Report (Use front and certificate)
C-115	Operators Monthly Report	"	"	New OCC Form	Check with USGS
C-116	Gas Oil Ratio Report	"	"	IOCC P-9	Well Status Report and Gas-Oil Ratio (Add Sch. Test ___ Comp. Test ___ from 116 + instruction)
C-117A	Sediment Oil Destruction Permit				No Substitute
C-117B	Sediment Oil Recovery Permit			IOCC P-10	Not Recommended
C-118	Treating Plant Operators Monthly Report Sheet 1				No Substitute
C-118	Pipeline Quality Oil Recovered by Treating Plants Sheet 1				No Substitute
C-119	Carbon Black Plant Monthly Report	"	"	IOCC C-1	Carbon Black Plant Report
C-120	Monthly Injection Report	"	"	IOCC P-13	Report of Injection Project
C-121	Crude Oil Purchasers Nominations				No Substitute
C-121A	Gas Purchasers Preliminary Nominations	"	"	IOCC G-6	Purchasers Gas Nominations (No corr
C-122	Multi-Point Back Pressure Test for Gas Wells				Discuss with Utz.
C-122A)					(" " "
C-122B)					(" " "
C-122C)					(" " "
C-123	Request for Ext. of Existing Pool or the Creation of a New Pool				No Substitute (Question necessity)
C-124	Bottom Hole Pressures	"	"	IOCC P-12	Reservoir Pressure Report (Add Unit is Elev. needed?)

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO
OIL CONSERVATION COMMISSION REPORTS AND FORMS

Title	Substitute Form	Form No. (New USGS)	Title
[illegible] to Drill	" "	" "	Application for Permit to:
[illegible]	" "	" "	Sundry Notices and Reports on Wells
[illegible] on Wells	" "	" "	" " " " " "
[illegible] Allowable	" "	IOCC P-6) G-3)	Potential Test & Request for Allowable-Oil Well Request for Gas Allowable (Combine)
	" "	(New USGS)	Well Completion or Recompletion Report & Log
[illegible] and Authorization to [illegible] Gas	" "	IOCC P-17	Operators Certificate of Compliance and Authorization to Transport Oil or Gas From Lease
[illegible] Sheet 1	" "	IOCC G-7	Producers Report of Gas Production (Rearrange disposition to have horizontal instead of vertical)
Sheet 2	" "	G-8	Gas Purchasers Monthly Report (Add Unit-STR)
[illegible] Monthly Report with 5 Sheets	" "	IOCC T-1	Transporters & Storers Monthly Reports with 5 Sheets
[illegible] Reports with 4 Sheets	" "	IOCC R-1	Refiners Monthly Reports with 4 Sheets
[illegible] Extraction Plant & Monthly Report	" "	IOCC G-9	Gasoline Plant or Press Maintenance Plant Monthly Report (Use front only and add remarks and certificate)
[illegible] Report	" "	New OCC Form	Check with USGS
[illegible] Report	" "	IOCC P-9	Well Status Report and Gas-Oil Ratio Tests (Add Sch. Test ___ Comp. Test ___ Spec. ___ from 116 + instruction)
[illegible] Permit			No Substitute
[illegible] Permit		IOCC P-10	Not Recommended
[illegible] Monthly Report Sheet 1			No Substitute
[illegible] Recovered by Treating Plants Sheet 1			No Substitute
[illegible] Monthly Report	" "	IOCC C-1	Carbon Black Plant Report ~~(If needed at all)~~
[illegible] Report	" "	IOCC P-13	Report of Injection Project
[illegible] Nominations			No Substitute
[illegible] Preliminary Nominations	" "	IOCC G-6	Purchasers Gas Nominations (No certificate necessary)
[illegible] Pressure Test for Gas Wells			Discuss with Utz.
			(" " "
			(" " "
			(" " "
[illegible] of Existing Pool or the Creation of a New Pool			No Substitute (Question necessity)
[illegible] sures	" "	IOCC P-12	Reservoir Pressure Report (Add Unit-STR, is Elev. needed?)

RECOMMENDED CHANGES AND OR REVISIONS IN NEW MEXICO

OIL CONSERVATION COMMISSION REPORTS AND FORMS

Form No.	Title			Form No.	Title
C-125	Semi-Annual 24-Hour Tests in Pressures on Gas Wells	Substitute Form			Discuss with Mrs.
C-126	Permit for Transporting Recovered Load Oil	"	"	IOCC P-19	Certificate for Load Oil Credit [illegible] Transport Recovered Load Oil. [illegible] block. Check with OCC if [illegible] is necessary. Could C-110 or [illegible]
C-127	Oil Producers Examination Request for Allowable Changes				No Substitute
C-128	Well Location and Acreage Dedication Plat	"	"	New [illegible]	
39-A1)	$10,000 Blanket Bond	"	"	IOCC P-2	Bond
39-B1)	One Well Bond	"	"	"	"
No. #	Application for Multiple Completions	"	"	IOCC P-3	Applications for Multiple Completions [illegible] No certification and no 10-day [illegible]
No. #	Packer Setting Report	"	"	IOCC P-4	Packer Setting Report
No. #	Packer Seakage Test	"	"	IOCC P-5	Packer Seakage Test (Except for [illegible]

[redacted] IN NEW MEXICO
[redacted] REPORTS AND FORMS

Title	Substitute	Form
[redacted] Sheet in Pressures on Gas Wells		
[redacted]ing Recovered Load Oil	"	"
[redacted]ion Request for Allowable Changes		
[redacted]rage Dedication Plat	"	"
	"	"
	"	"
[redacted]iple Completions	"	"
	"	"
	"	"

Form No.	Title
	Discuss with Uts.
IOCC P-19	Certificate for Load Oil Credit and Permit to Transport Recovered Load Oil. (Add approval block. Check with OCC if reference to 1109(b) is necessary. Could C-110 or P-17 be used)
	No Substitute
New [redacted]	P-18[illegible]
IOCC P-2	Bond
"	"
IOCC P-3	Applications for Multiple Completion and Instruction No certification and no 10-day waiting period
IOCC P-4	Packer Setting Report
IOCC P-5	Packer Seakage Test (Except for gas wells in NW)

PRODUCTION REPORT
[redacted] U. S. A.

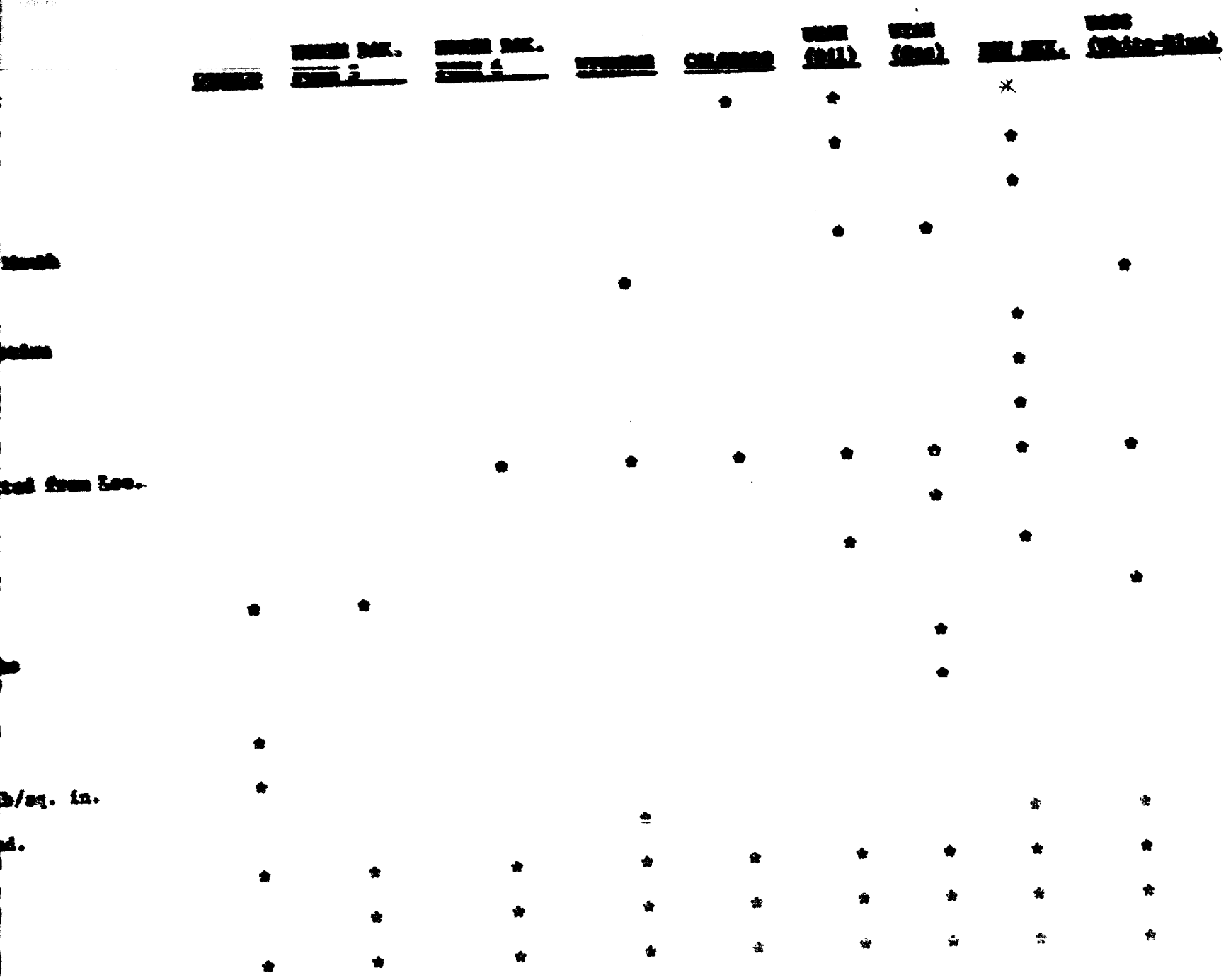
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Field	*	*	*	*	*	*	*	*	*
Pool	*	*	*	*	*			*	*
Lease	*	*	*	*	*	*	*	*	*
Location - Well Number	*	*	*	*				*	*
State - County	*	*	*	*	*	*	*	*	*
TOTAL PRODUCTION:									
Oil	*	*	*	*	*	*		*	*
Water	*	*	*	*	*			*	*
Gas	*		*	*	*		*	*	*
Days Produced	*	*		*				*	*
Production Method	*			*				*	*
Name-Sales Oil or Gas This Month		*	*	*		*	*	*	*
Stored on Lse. 1st of Month		*	*			*		*	
Stored on Lse. end of Month		*	*			*		*	
Lease [redacted]-Bbls-MCF		*	*				*	*	
Gravity				*				*	*
NUMBER OF WELLS:									
Operating - Oil			*		*	*		*	
Gas			*		*	*	*	*	
Shut In - Oil			*		*	*			
Gas			*		*	*	*		

PRODUCTION REPORT
[redacted] AND U. S. G. S.

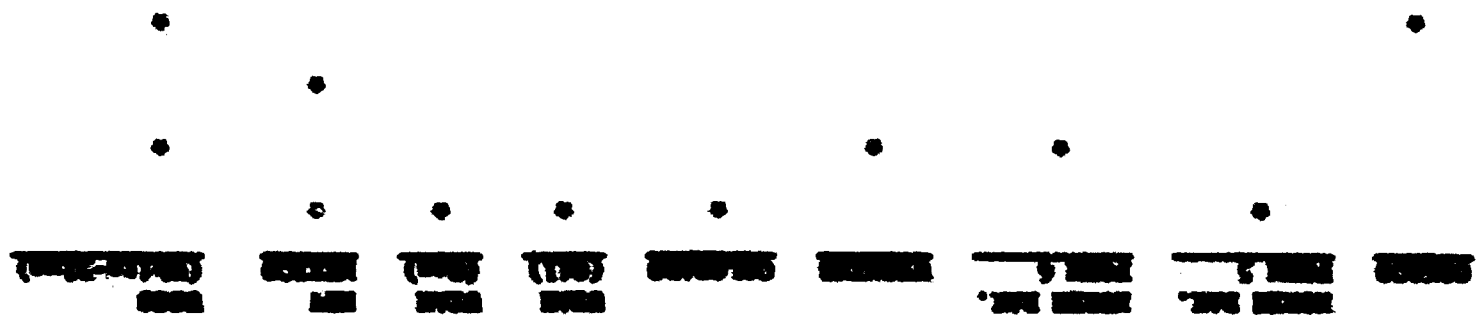
[redacted]	NORTH DAK. POOL A	NORTH DAK. POOL C	WYOMING	COLORADO	UTAH (Oil)	UTAH (Gas)	NEW MEXICO	UTAH (White River)
•	•	•	•	•	•	•	•	•
•	•	•	•	•			•	•
•	•	•	•	•	•	•	•	•
•	•	•	•				•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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[redacted]	•	•	•		•	•	•	•
[redacted]	•	•			•		•	
[redacted]	•	•			•		•	
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		•		•	•			
		•		•	•	•		

Page 2

Submission Amount	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Flowing - Artificial Lift					●	●		✱	
Schedule Allowable						●		●	
Over-Under Produced								●	
Over Production 3 Months - 1 Month						●	●		
Gasoline Recovered - Bbl				●					●
Stated Determine Water Production								●	
Distribution to Units								●	
[redacted]								●	
Disposition Oil-Gas Transported from Lse.			●	●	●	●	●	●	●
Leases Producing Date - Gas							●		
Net Oil Allowable						●		●	
Maximum bbls per day	●	●							●
Chargeable Production VEC Gas							●		
Vapor Recovery Credit							●		
GOR - Net-Gross CF/Bbl	●								
Ave. Pressure - csg. thg. lb/sq. in.	●								
State [redacted] - Bbl.				●				●	●
Title, Address & Signature	●	●	●	●	●	●	●	●	●
Producer - Operator		●	●	●	●	●	●	●	●
Date	●	●	●	●	●	●	●	●	●


Sand
Shale
Coal from Lee-
lb/sq. in.
ed.

	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Certification		●			●	●	●	●	
Remarks			●	●					●
Unit Letter								●	
Lease & Unit Cumulative	●								●



AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

October 3, 1962

Mr. Albert R. Greer, Chairman
Regulatory Practices Committee
158 Petroleum Center Building
Farmington, New Mexico

Dear Mr. Greer:

The Forms Sub-Committee of the Regulatory Practices Committee met with Mr. Pete Porter and several of his staff members on May 16, 1962 in the Commission office at Hobbs, New Mexico.

We completed a review of IOCC forms that could well replace certain New Mexico state forms. Some of the IOCC forms need minor revisions to be more applicable to New Mexico. The transition from the present forms to new forms will of course take some time. The committee feels that once it has been accomplished the industry will benefit.

A verbal report outlining the specific changes the Commission will ultimately make will be given at the annual Regulatory Practices Committee meeting.

Very truly yours,

R. S. Christie

RSC:dw

cc: Ed Nestor
Norman Woodruff
A. L. Porter, Jr.

ANDERADA PETROLEUM CORPORATION

P. O. BOX 2040
TULSA 2, OKLA.

MAIN OFFICE OCC
1963 OCT 2 AM 8:10

September 30, 1963

AIR MAIL

Mr. B. L. Rainey
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Dear Dave:

Thank you for your letter of September 23, 1963 and the report of the meeting of the Forms Sub-Committee with the staff of the New Mexico Oil Conservation Commission.

It appears the Sub-Committee has completed its assignment insofar as cooperation with the Conservation Commission is concerned, therefore, I concur with your suggestion outlined in the last paragraph of the above referred to letter.

Reference is made to Mr. Dan Nutter's letter of September 26, 1963 wherein he makes it clear the Commission itself has not acted upon this matter. I believe we understand such is the case but nevertheless I appreciate Mr. Nutter's comments so there will be no misunderstanding.

I wish to again thank the Sub-Committee for its fine work in my absence and also appreciate your making a report to the Regulatory Practices Committee on October 7, 1963. I hope I will be able to be present by the time the matter comes up for hearing.

With kindest personal regards,

Very truly yours,
ORIGINAL SIGNED
BY R. S. CHRISTIE
R. S. Christie

RSC:dw

cc: Mr. Albert R. Greer
158 Petroleum Center Bldg.
Farmington, New Mexico

Mr. Jason Kellahin
Kellahin & Fox
Santa Fe, New Mexico

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. Fred Hosey
New Mexico Oil & Gas Association
P. O. Box 1721
Santa Fe, New Mexico

Mr. A. L. Porter, Jr.
Mr. D. S. Nutter
Mr. E. Trujillo
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

September 26, 1963

Mr. R. S. Christie
Amerada Petroleum Corporation
Post Office Box 2040
Tulsa 2, Oklahoma

Dear Bob:

Reference is made to Mr. D. M. Rainey's letter to you of September 23, 1963, concerning the meeting between the Sub-Committee on Forms and the Commission staff on September 19, 1963.

Mr. Rainey outlines "the Commission's position" regarding each of the several forms. I would like to point out that this is not completely correct inasmuch as the Commission has not yet been consulted regarding these forms. Mr. Rainey more appropriately might have stated that he was outlining the staff's position concerning the forms. We do expect to recommend the adoption or rejection of the various forms as outlined in Mr. Rainey's letter at a hearing within the next few months, but until the Commission has acted after the hearing, it is impossible to say that any form or revision of a form will be adopted.

Very truly yours,

DANIEL S. NUTTER
Chief Engineer

DSN/ir

cc: Mr. D. M. Rainey
El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas

Mr. Albert R. Greer
158 Petroleum Center Bldg.
Farmington, New Mexico

Mr. E. J. Nestor
Shell Oil Company
Midland, Texas

Mr. Jason Kellahin
Kellahin & Fox
Santa Fe, New Mexico

Mr. Fred Morey
Oil & Gas Association
P. O. Box 1721
Santa Fe, New Mexico

Oil Conservation Commission:
A. L. Porter, Jr.
[illegible]

El Paso Natural Gas Company

El Paso, Texas

MAIN OFFICE OCC
1963 SEP 25 AM 8:29

September 23, 1963

[illegible] A. S. Christie
[illegible] Petroleum Corporation
[illegible] Office Box 2 040
Tulsa 2, Oklahoma

Dear [illegible]:

In compliance with the suggestion in your letter of August 26, 1963, the Sub-Committee on Forms met with the New Mexico Oil Conservation Commission staff on September 19, 1963. As a result of this meeting there is outlined below the Commission's position on each of the forms in the Interstate Oil Compact Commission Form Book.

P-1 (C-101): The NMOCC will adopt the approved USGS form, "Application for Permit to Drill, Deepen, or Plug Back," with only minor changes and with certain sections blanked out which provide unnecessary information as far as they are concerned.

P-2: "Bond" - As we have previously discussed, the NMOCC does not consider the IOCC bond adequate and they intend to maintain their present bonding form.

P-3: "Application for Multiple Completion" - The NMOCC intends to use a very slightly modified form of the IOCC form.

P-4: "Packer Setting Report and Affidavit" - The NMOCC will adopt the IOCC form.

P-5: "Packer Leakage Test" - The NMOCC is going to check once more to see if this form will be adequate for use in Southeastern New Mexico. The procedure for conducting packer leakage tests in Northwestern New Mexico is entirely different than that employed in the southeastern part of the state and the NMOCC has not been able to work out a form which will work in both areas of the state; consequently, they will retain the form currently in use in the northwest.

COPY

P-6 (C-104): "Potential Test and Request for Allowable" - The NMOCC plans to adopt the form recommended by the Sub-Committee as a substitute for IOCC forms P-6, G-3, and P-17. This combines the existing NMOCC forms C-104 and C-110 and would embody special instructions for the various circumstances for which the "Application for Allowable" and "Certificate of Compliance and Authorization to Transport" are filed.

P-7 (C-105): "Well Completion or Recompletion Report and Log" - The NMOCC will adopt the approved USGS form with certain sections blanked out which are unnecessary in New Mexico. The NMOCC still desires that certain specified formations be indicated in the Well Log section of the report; consequently, the reverse side will remain essentially as it is on the present C-105.

P-8: "Request for Permission to Consolidate Leases" - This form is not used in New Mexico.

P-9 (C-116): "Gas/Oil Ratio Test Report" - The NMOCC will adopt the IOCC form with minor revisions.

P-10: "Production Test and Gas/Oil Ratio Report" - This form is not used in New Mexico.

P-11: "Well Status Report" - This form is not used in New Mexico.

P-12 (C-124): "Reservoir Pressure Report" - The NMOCC will adopt the IOCC form with minor modifications.

P-13 (C-120 plus PM Form): "Report of Injection Project" - The NMOCC will continue using the present forms because New Mexico reports on an individual well basis.

P-14 (C-117-A and C-117-B): "Permit to Clean Tanks" - (NMOCC Sediment Oil Recovery Permit) - The NMOCC will continue to use their present forms.

P-15 (C-102 and C-103): "Sundry Notices and Reports on Wells" - The NMOCC will adopt the USGS form with minor modifications and certain sections blanked out that are unnecessary in New Mexico.

P-16: "Disposal of Salt Water" - The NMOCC will adopt the IOCC form with minor changes.

P-17 (C-110): "Certificate of Compliance and Authorization to Transport" - See P-6 above.

P-18 (C-115 and C-115-EDP): "Monthly Producer's Report" - The NMOCC intends to continue using their recently adopted C-115 and C-115-EDP.

P-19 (C-126): "Certificate and Authorization to Transport Recovered Load Oil" - The NMOCC has indicated that the IOCC form is generally satisfactory and we have drafted a form containing certain minor modifications which we will submit to the NMOCC--copy of this proposed form is attached for your information.

G-1 and G-2 (C-122): "Potential Test Form and Deliverability Test Form" - The NMOCC intends to check in detail the new forms in the IOCC Back Pressure Test Manual and, in general, believes that they will be able to adopt the IOCC forms.

G-3 (C-104): "Application for Allowable" - See P-6 above.

G-4: "Application to Measure Gas and Liquids Off Lease" - This form is not used in New Mexico.

G-5: "Periodic GPM Test" - This form is not used in New Mexico.

G-6 (C-121-A): "Purchasers Gas Nominations" - The NMOCC will adopt the IOCC form.

G-7 (C-115 and C-115-EDP): "Monthly Producer's Report" The NMOCC intends to continue using their recendy adopted C-115 and C-115-EDP.

G-8 (C-111) and G-9 (C-111): "Gas Purchaser's Monthly Report" and "Gasoline Plant Report" - The NMOCC will combine these two forms which will embody essentially the same information as is indicated on the IOCC forms.

G-8 and G-9 EDP: The NMOCC will adopt the IOCC form.

T-1, Sheets 1, 1-A, 1-B, 1-C, and 2 (C-112, Sheets 1, 1-A, 1-B, and 2): The Commission will adopt the IOCC forms with minor changes.

R-1, Sheets 1, 1-A, 1-B, and 2 (C-113, Sheets 1, 1-A, 1-B, and 2): The Commission will adopt these forms with Sheet 1-B combined with Form R-1.

C-1 (C-119): The Commission will adopt the IOCC form.

I would suggest that a report be made to the Regulatory Practices Committee at its meeting on October 7, 1963, in Santa Fe, and, if possible, that we go over the forms with the full committee so that its approval may be registered and the ultimate approval of the Executive Committee obtained as soon as possible. Pete Porter of the NMOCC has indicated that the Commission desires to go forward with this matter as soon as possible and the possibility exists that they may call a hearing within the next sixty to ninety days for the purpose of adopting as many of these forms as possible. I have discussed this matter very briefly with Fred Moxey and by a copy of this letter I am requesting that Al Greer and/or Jason Kellahin place the discussion of these forms on the agenda for the Regulatory Practices Committee meeting on October 7, 1963.

Very truly yours,

PRORATION DEPARTMENT

Original Signed D.H. RAINEY

D. H. Rainey
Administrative Assistant

DHR:mm
encl.

cc: Messrs. Albert R. Greer
158 Petroleum Center Building
Farmington, New Mexico

Jason Kellahin
Kellahin & Fox
Santa Fe, New Mexico

Mr. El Nestor
Shell Oil Company
Midland, Texas

Mr. Fred Moxey
New Mexico Oil & Gas Association
P. O. Box 1721
Santa Fe, New Mexico

A. L. Porter, Jr.
D. S. Nutter
R. Trujillo
New Mexico Oil Conservation Comm.
P. O. Box 871
Santa Fe, New Mexico

Certificate for Load Oil Credit and Permit to Transport Recovered Load Oil

Recovered Load Oil

Operator		Address	
Lease Name	Well No.	Pool	County
Location		Transporter	

Bbls. Load Oil Recovered

Source of Load Oil

Oil was Purchased from*		Address	
Bbls. Purchased	Date Purchased	Date of Letter when Commission was Notified in Compliance with Rule 1109 (b)	

Approved: O. C. C.

_____ _____

Title Date

Note: This report required only when load oil was obtained from a source other than the lease on which used.

*Insert lease name, location, and pool if oil supplied from a lease.

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

August 26, 1963

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. Norman Woodruff
El Paso Natural Gas Company
Box 1492
El Paso, Texas

Gentlemen:

I had intended calling a meeting of the Forms Sub-Committee of the New Mexico Oil and Gas Association Regulatory Practices Committee earlier in the year but I have been out of the office since the first of May and have just recently returned to work. I will be unable to make a trip to Santa Fe prior to or during the annual New Mexico Oil and Gas Association Convention.

I believe, if possible, a meeting with Mr. Porter and his staff prior to the annual meeting would be in order. Since El Paso has done a considerable amount of work for the sub-committee, I am suggesting that a meeting with Mr. Porter be considered and that Mr. Woodruff in my absence act as spokesman for the sub-committee at such meeting and also at the Regulatory Practices Committee annual meeting in October.

I note the USGS has finally adopted the following forms:

(1) Notice of Intention to Drill, Deepen or Plug Back

(2) Sundry Notices and Reports on Wells

(3) Well Completion or Recompletion Report and Log

I have not seen them and therefore cannot say whether the State of New Mexico will adopt them without change.

I realize the time is short before the annual meeting and a sub-committee meeting may be impossible, in which case a report at the annual meeting may have to suffice this year.

Any cooperation either of you can contribute will be greatly appreciated.

With kindest personal regards, and hoping to see you soon, I remain

Sincerely yours,

R. S. Christie

RSC:dw

cc: Mr. Albert R. Greer
Mr. A. L. Porter, Jr.

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

May 11, 1962

COPY

Mr. R. S. Christie
Amerada Petroleum Corporation
P. O. Box 2040
Tulsa 2, Oklahoma

Mr. Ed.Nester
Shell Oil Company
Midland, Texas

Mr. F. Herman Woodruff
El Paso Natural Gas Company
Box 1492
El Paso, Texas

Gentlemen:

Enclosed herewith is one copy each of the Compact's Form P-1 and P-7, as well as the Sundry Notices and Reports.

We have made a few changes in them, particularly by blanking out non-applicable boxes.

I hope we will be able to discuss these changes further at our meeting in Hobbs next week.

Very truly yours,

DANIEL S. NUTTER
Chief Engineer

DSN/og
Encls.

INTERSTATE OIL COMPACT COMMISSION
HEADQUARTERS OFFICE: P. O. BOX 3127 • 900 N. E. 23RD ST. • TELEPHONE JAckson 6-3556 • OKLAHOMA CITY 5, OKLA.

MAIN OFFICE OCC
1962 APR 27 PM 1 02

April 25, 1962

Mr. A. L. Porter, Jr.
Box 871
Santa Fe, New Mexico

Dear Pete:

As I am sure you know, several of us have been working with the U. S. Geological Survey to try to arrive at a mutually agreeable form to be used by both the survey and state agencies. We have worked closely with Mr. Harold Duncan of the survey for several years, and they now have approved, on a temporary form which I am sure will be permanent, the three forms that will be required by both the survey and the states. These forms have been approved by the Bureau of the Budget and have been circulated to all of the regional offices of the survey.

This program has been in line with the work of the subcommittee of the Regulatory Practices Committee, to attempt to arrive at uniform reporting throughout the various states. Copies of these forms have been sent to all of the so-called public lands states.

I would certainly appreciate your comments upon these forms.

Kindest personal regards,

Lawrence R. Alley
Executive Secretary

LRA:mr

encl.

MEMBER STATES: ALABAMA - ALASKA - ARIZONA - ARKANSAS - COLORADO - FLORIDA - ILLINOIS - INDIANA - KANSAS - KENTUCKY - LOUISIANA
MICHIGAN - MISSISSIPPI - MONTANA - NEBRASKA - NEVADA - NEW MEXICO - NEW YORK - NORTH DAKOTA - OHIO - OKLAHOMA - PENNSYLVANIA
SOUTH DAKOTA - TENNESSEE - TEXAS - UTAH - WASHINGTON - WEST VIRGINIA - WYOMING
ASSOCIATES: GEORGIA - OREGON

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

1962 APR 23 AM 8 18

April 18, 1962

Mr. Ed Hester
Shell Oil Company
Midland, Texas

Mr. F. Norman Woodruff
El Paso Natural Gas Company
El Paso, Texas

Mr. Oliver Seth
301 Don Gaspar Avenue
Santa Fe, New Mexico

Re: Meeting of New Mexico
Oil and Gas Association
Regulatory Practices Sub-
Committee on State Forms

Gentlemen:

A meeting with Mr. Porter and his staff has been arranged for the afternoon of May 16th in the Commission office at Hobbs. The monthly statewide hearing will be held that day but Mr. Porter believes it will be adjourned by noon. It is anticipated we can complete reviewing the state forms in one afternoon.

It will be appreciated if you can be present.

Sincerely yours,

R. S. Christie

RSC:dw

cc: A. L. Porter, Jr.

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

October 25 1961

Mr. Albert R. Greer
158 Petroleum Center Building
Farmington, New Mexico

Re: Report of NMOGA Forms Sub-Committee October 9, 1961

Dear Mr. Greer:

This will corroborate and supplement my verbal report to the Regulatory Practices Committee on October 9, 1961.

The Forms Sub-Committee had two meetings during the year, the first in July at which time it reviewed the various state forms having in mind the substitution of IOCC forms for state forms. Following our review the Committee met with Mr. Porter and his staff for a discussion of our recommendations. As a result of this meeting, Mr. Porter and his staff tentatively agreed that at least ten forms could be substituted, some with minor changes. The Commission wished to give further study to a few of the forms. A further meeting was therefore in order.

The sub-committee's second meeting was held on October 6, again with the Commission staff. In the interim El Paso had devised several forms, one which would replace state forms C-104 and C-110 and would also replace IOCC forms P-6, P-17 and G-3. Another was a monthly gas report to replace C-111 and C-114 and also IOCC forms G-8 and G-9. Both these forms were acceptable with minor revisions.

In addition to requiring more time for further study on a few forms, it was deemed advisable by the staff to contact the Commission district offices to discuss some of the forms with the field personnel. The Commission and the sub-committee realize that operators and the Commission alike are reluctant to make changes especially in this type of endeavor, but it was also stressed that if it is a worthy endeavor then it should be pushed to conclusion as quickly as possible. We expect the district offices to be contacted in the very near future and that the sub-committee may again meet with the Commission within a minimum of three months, and we hope no more than a maximum of six months. At the conclusion of my report Mr. Nestor complimented the El Paso Natural Gas personnel for their time and effort spent in connection with sub-committee work to which I heartily agreed. So concludes my report.

Under new business, on behalf of my company, I suggested several rule changes. The Forms Sub-Committee had not considered these since it had not been charged with such duties. It developed that probably most operators would like an opportunity to study any proposed changes and no action should be taken at the October 9 meeting. The sub-committee was then delegated the authority to consider rule changes, amendments, etc. At our next meeting we will consider the two suggested changes I made and any other recommendations sent to you, Mr. Money or any member of the sub-committee. This should not be delayed pending the conclusion of our Forms study but acted upon as soon as possible.

Respectfully submitted,

ORIGINAL SIGNED
BY R. S. CHRISTIE

R. S. Christie

RSC:dw

cc: Mr. Norman Woodruff
Mr. Ed Hester
Mr. Oliver Seth
Mr. Fred Money
Mr. A. L. Porter, Jr.

El Paso Natural Gas Company

El Paso, Texas

August 1, 1961

Mr. R. S. Christi
Amerada Petroleum Corporation
P. O. Box 2040
Tulsa 2, Oklahoma

Dear Mr. Christie:

This is a report to you of the results of our meeting with the New Mexico Oil Conservation Commission to discuss our recommended changes and/or revisions in their reports and forms. The full day following your departure was spent in completing the discussions with the Commission. I am furnishing copies of my report not only to our Committee but to members of the Commission so that it may be reviewed by all and particularly so that the Commission may check to see that my notes properly reflect their thinking.

The summary for each report will be as brief as possible. It should be understood that the notation O. K. will be utilized where the Commission Staff has indicated that they consider the form would be an adequate substitute for their presently existing form. The discussion sequence of forms will be in the order that they are found in the I. O. C. C. Form Booklet with the I. O. C. C. Form Number and the equivalent N. M. O. C. C. Form Numbers both shown.

P-1 (C-101) - O. K. in revised form approved by U. S. G. S. with amendments as we recommended to the N. M. O. C. C.

P-2 - Commission considers this Bond not adequate for New Mexico use. Present Bond covers additional matters in which Commission has interest.

P-3 (No N. M. O. C. C. Number) - The 5-1-61 form adopted by the Commission is based on the I. O. C. C. form and appears to be adequate. See copy attached.

P-4 - O. K.

P-5 - The Commission will give further study to this form.

P-6 (C-104) - The Commission likes the form which our Committee has recommended as a substitute for P-6 and G-3, but would like additional study to determine whether, in addition, the information required on the C-110 could be included on this form and the C-110 done away with.

P-7 (C-105) - O. K. in revised form approved by U. S. G. S. with amendments as we recommended to the N. M. O. C. C.

P-8 - Not recommended by us for N. M. O. C. C. use.

P-9 (C-116) - O. K. with our recommended revisions.

P-10 - Not recommended by us for N. M. O. C. C. use.

P-11 - Not recommended by us for N. M. O. C. C. use.

P-12 - N. M. O. C. C. considers usable with minor adjustments and will study.

P-13 (C-120 + P. M. Form) - The Commission wants to stay with their forms which they consider more usable for their needs. Their forms are on a well rather than on a project basis and I believe that we have agreed they should continue to be utilized in New Mexico.

P-14 (C-117 A & B) - Our recommendation was for the Commission to continue using their present reports.

P-15 (C-~~101~~ 102 and C-103) - O. K. in revised form approved by U. S. G. S. with amendments as we recommended to the N. M. O. C. C.

P-16 (No N. M. O. C. C. Number) - The Commission is presnetly utilizing an unnumbered form which is attached. The feasibility of utilizing P-16 in lieu of it requires further checking by the Commission.

P-17 (C-110) - The Commission wants a request for certification for each individual well and wants us to join them in determining the feasibility of combining this form with P-6 (C-104).

P-18 (C-115 EDP) (C-115) - The Commission considers, and I believe we will concur, that the newly revised C-115s are adequate

and accomplish what is sought by P-18. I advised the Commission that it was our recommendation that reporting be made on a lease basis for oil rather than on a per well basis. This matter was discussed at length and the Commission is giving consideration on our recommendation. We should have further discussions with the Commission concerning this matter.

P-19 (C-126) - We concluded during our discussion that the use of this form should be discussed with Mr. Porter because he was more familiar with its use than members of the Commission staff. We did not have the opportunity to talk to Mr. Porter. My notes reflect that we were recommending the use of P-19 with the inclusion of a section comparable to that shown on C-126 under Source of Load Oil which would provide the Commission with the date of letter reporting the transfer of load oil. Our Committee thought consideration should be given to the utilization of the P-17 (C-110), or its equivalent, if combined with another form, for use in lieu of the letter.

G-1 and G-2 (C-122) - Mr. Utz has been asked to give consideration to the use, in New Mexico where applicable, of the forms which are utilized in the new I. O. C. C. Gas Well Test Manual. This requires additional discussion with Mr. Utz after he has given this consideration.

G-3 (C-104) - The Commission agrees with us that this should be combined with our revised P-6.

G-4 - Our Committee considered this form unnecessary in New Mexico and did not recommend.

G-5 - Same as G-4.

G-6 (C-121A) - O. K. with our recommended revisions.

G-7 (C-115) - We recommended, and the Commission staff agrees, that the new Form C-115s should be used.

G-8(C-111) - The Commission wants consideration given to the feasibility of combining G-8 and G-9 to replace C-111 and C-114.

G-9 (C-114) - See G-8.

G-8 and G-9 IBM - Detail of Intake Volume - O. K.

T-1 - Sheets 1, 1A, 1B, 1C and 2 (C-112 - Sheets 1, 1A, 1B, 1C and 2) - O. K. The Commission considers Sheet 1A would be easier to use if columns were drawn for entrance of the various data requested.

R-1 - Sheets 1, 1A, 1B and 2 (C-113 - Sheets 1, 1A, 1B and 2) O. K. The Commission wants consideration given to including on Sheet R-1 the required data on Sheet 1-B. If Sheet 1B continued, is a "commodity" column necessary as required on the C-113 Sheet 1B?

C-1 (C-119) - O. K.

This completes review of all I. O. C. C. Forms. It is recommended that each of us on the Committee as well as the Commission, give study to these forms where required so that we may meet with the Commission again in the near future to expedite the conclusion of this work.

You will find attached copies of various numbered and unnumbered forms utilized by the Commission, some of which have been referred to in my previous discussion and others which have no equivalent I. O. C. C. Form. These are distributed so that our Committee may decide whether any recommendations need be made to the Commission regarding these forms.

There is a new form (C-106) "Notice of Intention to Utilize LACT", but copies were not available at the time I was in the Commission office. I understand this form will be utilized by the District Office for LACT approvals.

Yours very truly,

F. NORMAN WOODRUFF, Manager
Gas Proration Operations

FNW:mgs
Attch.

CC: Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. Oliver Seth
301 Don Gaspar Ave.
Santa Fe, New Mexico

Mr. A. L. Porter, Jr.
P. O. Box 871
Santa Fe, New Mexico

Mr. D. S. Nutter
P. O. Box 871
Santa Fe, New Mexico

Mr. Elvis A. Utz
P. O. Box 871
Santa Fe, New Mexico

Mr. I. R. Trujillo
P. O. Box 871
Santa Fe, New Mexico

Mr. Richard Morris
P. O. Box 871
Santa Fe, New Mexico

INTERSTATE OIL COMPACT COMMISSION

HEADQUARTERS OFFICE: P. O. BOX 3127 • 900 N. E. 23RD ST. • TELEPHONE JAckson 5-3556 • OKLAHOMA CITY 5, OKLA.

July 28, 1961

Mr. A. L. Porter, Jr.
P. O. Box 871
Santa Fe, New Mexico

Dear Pete:

As I am sure you know, for several years a subcommittee of the Regulatory Practices Committee has been working on forms that, it has been hoped, would meet the qualifications of the various states so that the forms would be uniform in all the states in the interest of having uniform reports and to simplify the reporting by the various companies.

After our forms were completed, I accompanied Mr. O. P. Nicola, Jr., and Mr. S. F. Holmesly to Washington for a conference with the Geological Survey of the Department of Interior. After some two years' work, they have taken our forms and revised them, so that the forms will meet the specifications of the Bureau of the Budget. They have now agreed upon the usage of forms that they require.

I am enclosing a copy of each of these agreed-upon forms for your information. It is my understanding that, in a number of the public land states, no action has been taken on these forms until this agreement could be reached with the Geological Survey. I would appreciate any comments you may make on these forms.

Kindest personal regards,

Lawrence R. Alley
Executive Secretary

LRA:ns
Enclosures

PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OKLAHOMA

June 12, 1961

Mr. Harold J. Duncan, Chief
Conservation Division
U. S. Geological Survey
Room 3241, G.S.A. Building
Washington 25, D. C.

Dear Mr. Duncan:

I am in receipt of your letter of June 8, 1961, enclosing printed copies of the latest draft of the three report forms, namely, Application for Permit To:, Sundry Notices and Reports on Wells, and Well Completion or Recompletion Report and Log. I have reviewed the latest draft of these three forms, and each appears completely satisfactory.

I am passing most of the copies you sent me on to Mr. Lawrence Alley, and I understand that Mr. Alley will distribute them to the regulatory agencies of all of the producing states which are associated in any way with the Interstate Oil Compact Commission.

In this way these forms will not only get to the attention of states which were not previously notified, but the latest draft will thus be available to the states which were previously notified, particularly those which are anxious to revise their forms.

With regard to possible adoption of a joint form with New Mexico which could be used both in lieu of New Mexico Form C-115 and U.S.G.S. form "Monthly Report of Operations and Well Status", I would like to make this comment:

If the proposed new Form C-115 and C-115 MP of Shell Oil Company are acceptable to the Survey, then I think it would be proper for the Survey and the New Mexico Conservation Commission to get together and make such minor revisions in Shell's forms as may be required by the respective parties. The revised forms could then be printed by the U.S.G.S. and by the New Mexico Commission. On the reverse side of the Survey form there could be an instruction which would limit the reporting of more than one lease on a sheet. The state form would not need to carry this restriction.

Then, presumably, operators in pools where no Federal leases were involved could report several leases on one sheet to the New Mexico Commission.

However, where Federal lands were involved, operators would report only one lease on a sheet, making similar reports to both the Survey and the New Mexico Commission. Certainly, New Mexico would have no objection to this.

Sincerely yours,

O. P. Nicola, Jr.

OPN:hd

cc: Mr. Lawrence R. Alley
Interstate Oil Compact Commission
P. O. Box 3127
Oklahoma City, Oklahoma

Mr. John A. Anderson
U. S. Geological Survey
P. O. Box 6721
Roswell, New Mexico

Mr. Guy Buell
Pan American Petroleum Corporation
Oil & Gas Building
Ft. Worth, Texas

Mr. R. S. Christie
Amerada Petroleum Corp.
P. O. Box 2040
Tulsa 2, Oklahoma

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

PHILLIPS PETROLEUM COMPANY
Bartlesville, Oklahoma

May 22, 1961

Mr. Harold J. Duncan, Chief
Conservation Division
U. S. Geological Survey
Room 3241, G.S.A. Building
Washington 25, D. C.

Dear Mr. Duncan:

Your kind letter of May 16, directed to Mr. Lawrence R. Alley and me, is received. I am very pleased to note that we are now in agreement on the three forms, namely, Application for Permit To:, Sundry Notices and Reports on Wells, and Well Completion or Recompletion Report and Log.

You have expressed a desire to develop a form to supplant the "Monthly Report of Operations and Well Status", which would perform the function of New Mexico Form No. C-115, and be acceptable to the New Mexico Oil Conservation Commission.

Shell Oil Company, whose representative is Mr. Ed Nestor, of Midland, Texas, on May 17, 1961 at a hearing before the New Mexico Oil Conservation Commission, submitted, and recommended that that Commission adopt, in lieu of its present Form No. C-115, two alternate forms which would more efficiently accomplish the same purpose as C-115. I am attaching hereto copies of these proposed new forms which I obtained from the New Mexico State House Reporting Service. In a telephone call before the hearing Mr. Nestor told me he had discussed these new forms with your Roswell office, so you probably are already aware of this.

As far as I can see, these new forms will furnish the information you require, as set forth in your last letter. Shell's proposed forms are divided into three main sections. Mr. Nestor advised me it was intended that the first section, showing well status and oil, gas and salt water production, be the only part of the report made on a per well basis. The second and third sections would contain figures pertaining to the lease as a whole. Mr. Nestor also advised that several leases could be reported on the same sheet of paper. This may conflict with U.S.G.S. requirements, but in my opinion, and in the opinion of numerous other operators, this is desirable and, by itself, will eliminate a lot of paper work. I am further informed that the New Mexico Oil Conservation Commission had been consulted, and, subject to the formal hearing would probably approve these new forms.

I am writing this letter in haste, and sending copies to all who may be concerned, in order that some effort may be made to coordinate U.S.G.S. Form Monthly Report of Operations and Well Status and N.M.O.C.C. Form No. C-115 before the New Mexico Commission concludes its consideration of Shell Oil Company's request.

Yours very truly,

O. P. Nicola, Jr.

OPN:hd
AIR MAIL

cc: Mr. Lawrence R. Alley
Interstate Oil Compact Commission
P. O. Box 3127
Oklahoma City, Oklahoma

Mr. John A. Anderson
U. S. Geological Survey
P. O. Box 6721
Roswell, New Mexico

Mr. Guy Buell
Pan American Petroleum Corporation
Oil & Gas Building
Ft. Worth, Texas

Mr. R. S. Christie
Amarada Petroleum Corp.
P. O. Box 2040
Tulsa 2, Oklahoma

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. A. L. Porter, Jr.
New Mexico Conservation Commission
Santa Fe, New Mexico

We have considered and analyzed the various forms which were suggested by the subcommittee of the Regulatory Practices Committee. We have paid particular attention to the four forms recently sent out by the Compact's Oklahoma City Office with the statement that there had been preliminary agreement by the subcommittee and by the United States Geological Survey for their adoption for use on Federally owned lands administered by the USGS.

The New Mexico Oil Conservation Commission is hopeful, in the interest of uniform reporting and the savings of money by the operators, that the forms can someday be adopted by the various states as well as by the government. We do recognize however, that such adoption will not be easy and will entail give and take by all concerned.

Special instructions for the filing of the forms with each of the various agencies, special modification of the forms to comply with specific requirements of the agency, and perhaps

even amendment of the rules may be necessary in some instances.

Let us consider the four forms considered by the sub-committee and by the USGS.

The first is entitled "Application for Permit to Drill, Deepen, or Plug Back."

Assuming this form could be adopted by New Mexico, we feel that it would be necessary to incorporate the following changes:

1. Provide space for the name of the drilling contractor.
2. Provide space for the name of the formation to which the well is projected, as well as the expected depth at which said formation will be encountered.
3. Provide space for exceptions to the approval, which we feel is absolutely essential in the case of extraordinary casing requirements, acreage dedication, special sample or log

requirements, cement requirements, and cases where allowables are to be withheld until certain conditions are met.

Other minor changes would also probably be necessary.

The second form, "Well Completion or Recompletion Report and Log," is quite similar to our New Mexico Form C-105, "Well Record."

We feel that with only slight modification, this form could readily be adopted for use by the New Mexico Oil Conservation Commission.

The principal changes in this form which we would request would be on the reverse side, where for use in New Mexico, we would simplify the water sand, non-commercial oil and gas zone, and geological market depth reporting system. Inasmuch as practically no directional drilling is done in New Mexico, and when such drilling is done, a directional survey must be filed separately, we have never felt the necessity of providing space to report the true vertical depth. Although the instructions

prescribe the true vertical depth to be reported only when the well has been drilled directionally, it has been our experience that less confusion results and unnecessary work is avoided when spaces which are not essential are left completely off the form.

Other minor changes would also probably be necessary.

The third form, "Sundry Notices and Reports on Wells," with very few minor changes, would adequately serve in place of our C-102, "Miscellaneous Notices." The form, however, falls far short of the detail required by our follow-up Form C-103, "Miscellaneous Reports," and it is doubtful if its adoption in New Mexico would be feasible since it would apply only to the proposed work and not to the work which was actually done.

The fourth form, "Monthly Report of Operations and Well Status," appears to be the equivalent of our C-115, "Operator's Monthly Report." It could be adopted in New Mexico only after making the following modifications:

1. Provide space not only for the lease serial number, but also the assignment number.
2. Provide space to show the quarter-quarter section, section, township, and range upon which the well is located.
3. Provide space to show the allowable assigned to the well.
4. Provide space for showing storage at beginning of the month, production, sales, and end-of-month storage, as well as over-produced or underproduced status, capacity of lease tanks and other items.
5. Provide space to show disposition of gas, i.e., MCF produced, amount used as lease fuel, amount sold, amount flared or vented or amount used for gas lift. Also if any gas is transported to another lease for use there, the amounts so used would have to be shown.

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3. Provide space to show the allowable assigned to the well.
4. Provide space for showing storage at beginning of the month, production, sales, and end-of-month storage, as well as over-produced or underproduced status, capacity of lease tanks and other items.
5. Provide space to show disposition of gas, i.e., MCF produced, amount used as lease fuel, amount sold, amount flared or vented or amount used for gas lift. Also if any gas is transported to another lease for use there, the amounts so used would have to be shown.

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

1. **MONTHLY REPORT OF OPERATIONS AND WELL STATUS**

7. UNIT

8. FARM OR LEASE NAME

REPORT FOR THE MONTH OF: _____ 19____

2. OPERATOR

10. FIELD(S)

3. ADDRESS

12. COUNTY OR PARISH | 13. STATE

4. IDENTIFY POOL OR RESERVOIR AND LEASE SUBDIVISION AS REQUIRED BY FEDERAL OR STATE AGENCY

(Note: Spaces 9 and 11 omitted)

WELL NO.	STATUS*	DAYS PROD.	GRAVITY	OIL BBLS.	WATER BBLS.	GAS Mcf	DRLG. DEPTH IF S. D., CAUSE

14. RUNS & SALES*	OIL	CSNG. HD. GAS	DRY GAS	CASC	L P G	OTHER PRODUCTS
No. of Runs						
Quantity						
Purchaser						

15.

SIGNED _____ TITLE _____ DATE _____

I hereby certify that the foregoing is a complete (unless otherwise indicated) and correct report of operations, disposal of products, and well status for the lease or property for the month shown above.

*SEE INSTRUCTIONS ON REVERSE SIDE

MONTHLY REPORT OF OPERATIONS AND WELL STATUS

1. REPORT FOR THE MONTH OF: _____ 19____

2. OPERATOR

3. ADDRESS

4. LOCATION OF WELL

5. LEASE DESIGNATION AND SERIAL No.

6. IF INDIAN, ALLOTTEE OR TRIBE

7. UNIT

8. FARM OR LEASE NAME

9. FIELD(S)

10. COUNTY OR PARISH

11. STATE

(Note: Spaces must be centered)

Well No.	Unit Letter	Sec.	Twp.	Rge.	No. of Allowable	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS (If S. D., cause)
TOTALS												

(3) Report distillate, condensate, or other liquid hydrocarbons other than oil

(FOLLOWING TO BE REPORTED ON LEASE BASIS)

No. of Wells	Total on Hand Beginning of Month (Barrels)	Scheduled Allowable for Month	Actual Amount of Oil Produced	Over-Produced	Under-Produced	DISPOSITION OF OIL: Barrels to Pipe Line	Bbls. to Truck or Tank Car	Transporter	Total on Hand End of Month (Barrels)	Total Capacity of Lease Tanks
				omit	omit					omit

Gas Production and Disposition

Total MCF Produced	MCF Flared or Vented	MCF Used On Lse (Except Gas Lift)	MCF Sold to Pipeline	MCF Used for Gas Lift: On This Lse	MCF Used for Gas Lift: On Others

15.

SIGNED _____ TITLE _____ DATE _____

I hereby certify that the foregoing is a complete (unless otherwise indicated) and correct report of operations, disposal of products, and well status for the lease or property for the month shown above.

*SEE INSTRUCTIONS ON REVERSE SIDE

MONTHLY REPORT OF OPERATIONS AND WELL STATUS

1.

REPORT FOR THE MONTH OF: _____ 19__

2. OPERATOR

3. ADDRESS

4. FIELD(S)

5. LEASE DESIGNATION AND SERIAL No.

6. IF INDIAN, ALLOTTEE OR TRIBE

7. UNIT

8. FARM OR LEASE NAME

9. WELL NO.

10. OFFSET OPER. OR UNIT

11. STATE

12. COUNTY OR PARISH

(Note: Options if unit-or-communitized)

8. LOCATION OF WELLS OR INDICATE NATURE OF OTHER DISPOSITION OF PRODUCTION (See instructions on reverse side)

Well No.	Unit Letter	Sec.	Twp.	Rge.	Not Oil Allowable	OIL BBLS.	WATER BBLS.	GAS Mcf	DAYS PROD.	GRAVITY	GAS-OIL RATIO	REMARKS (If any)
TOTALS												

(1) Report distillate, condensate, or other liquid hydrocarbons other than oil in this column, starting with **

(FOLLOWING TO BE REPORTED ON LEASE BASIS)

14. RUNS & SALES	OIL	CSGHD, ED. GAS	DRY GAS	DISPOSITION OF OIL GASOLINE	L P G	Total on OTHER PRODUCTS	Total
No. of Runs							
Quantity							
Purchaser							

over / omit / omit

Total MCF Produced	MCF Flared or Vented	MCF Used On Lse (Except Gas Lift)	MCF Sold to Pipeline	MCF Used for Gas Lift	
				On This Lse	On Others

15.

SIGNED _____ TITLE _____ DATE _____

I hereby certify that the foregoing is a complete (unless otherwise indicated) and correct report of operations, disposal of products, and well status for the lease or property for the month shown above.

_____ * SEE INSTRUCTIONS ON REVERSE SIDE

File
Case 3028

No.	NAME
	Form 9

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well — DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well — UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.

Unit Letter	Section	Township	Range	County

Actual Footage Location of Well:

feet from the line and feet from the line

Ground Level Elev:	Producing Formation	Pool	Dedicated Acreage:
			Acres

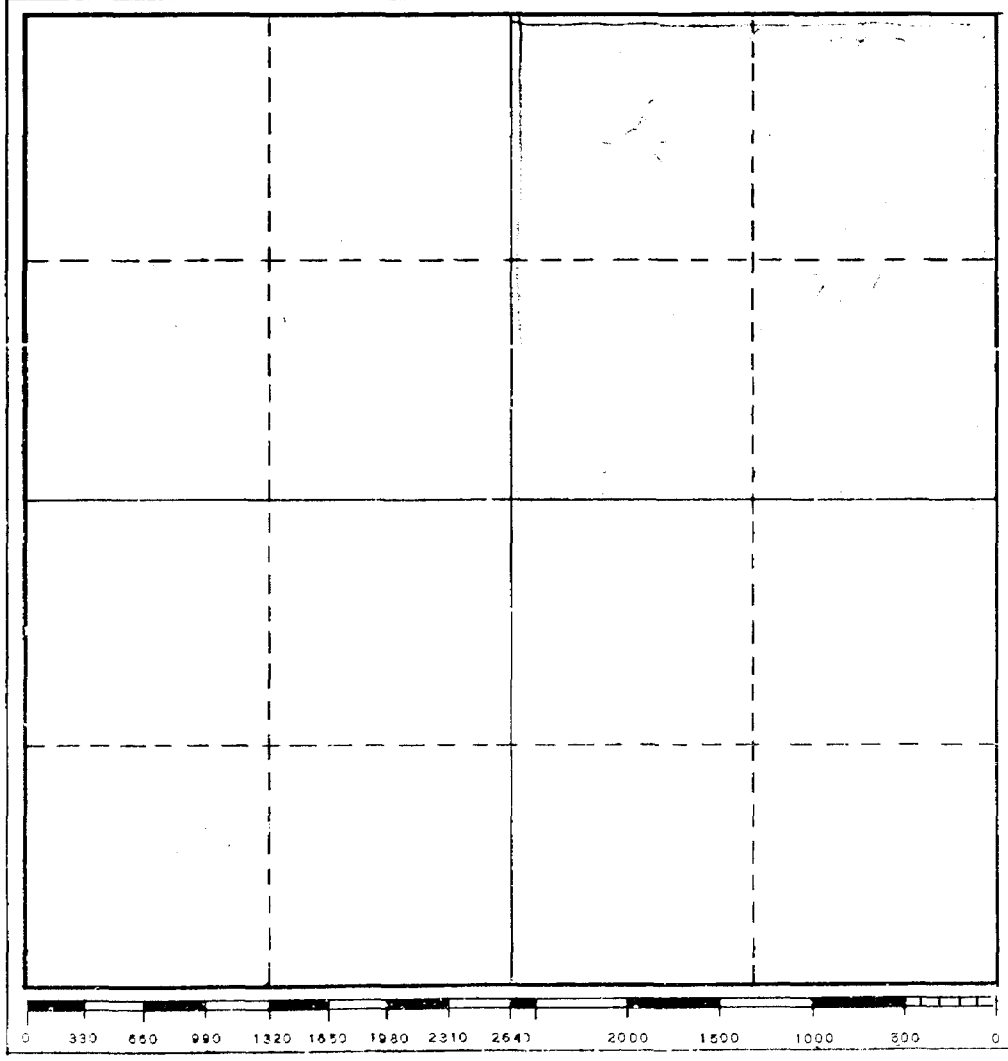
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below:

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-102 C-103
Supersedes C-102 and C-103
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)* **Change in Transporter** *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	New Well ☐ Re-completion ☐ Change in Ownership ☐ Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ : _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION _____, TOWNSHIP _____, RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*		
Address					Address		
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When	

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

C-108

Form ~~C-130-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
ABC Oil Company	December, 1963	1963
Address	**Plant**	
P. O. Box 2345, Fort Worth, Tex.	Monument No. 18	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	1,547,543
Total Gas from Gas Wells *(Detail on Sheet 2)*	3,432,654
Total Gas from Other Sources *(Detail on Sheet 2)*	74,876,098
Sub-total	87,098,876
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	20,000,000
TOTAL	67,098,876

SECTION II – Disposition	VOLUME – MCF
Fuel	kkkkkk
Lease Use	111
Returned to Earth	hhh
Vented	kkk
Gas Lift	kkk
Shrinkage	kkk
Sold or Other Disposition *(Detail Below)*	111
TOTAL	dddkkk

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					kkk kkk
Condensate					kkk kkk
Gasoline					kkk kkk
Butane					kkk kkk
Propane					kkk
Kerosene					kkk
Other					kkk
TOTAL					kkk

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF
			kkkkkk kkkkk kkkk

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-110~~ C-111
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of	Address	Month of

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of	Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of	
Report of	Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS–OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-119
Form C-119
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity -- MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary nomination only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 Revised

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of lawful age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state

That I am employed by _____ in the capacity of

_____, and on _____, 19____

I personally supervised the setting of a _____
Make & type of p

in _____, _____,
Operator of well *Lease n*

Well no. _____, located in the _____ field,

_____ County, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

P.O. Box 871, Santa Fe, New Mexico

PURCHASER'S AND OPERATOR'S MONTHLY REPORT

Proposed Form C-111 and C-115.
Submit: Original and 1 Copy to Santa Fe
1 Copy to District Office
1 Copy to Hobbs District Office

El Paso Natural Gas Company (Transmission Company) — P.O. Box 1492, El Paso, Texas 79999 (Address) — (Date) — (Plant) — (Pool)

METER CODE	TYPE LEASE CODE	LOCATION UNIT	SEC	TWP	RGE	POOL / OPERATOR / WELL NAME	TYPE CODE	GAS PRODUCED MCF	DAYS PROD	OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	OIL CODE	BARRELS OF WATER PRODUCED	DISPOSITION OF GAS: SOLD MCF	PURCHASER	OTHER MCF	CODE	BEGINNING NET ALLOWABLE	REMARKS

SAMPLE COPY OF PROPOSED FORM
CASE 3027
ACTUAL SIZE 11" X 15"

TYPE LEASE CODE
0- Unknown
1- Fee
2- Federal
3- Indian
4- State
5- Comm.
6- Unitized

TYPE CODE
G- Gas Well High Pressure
O- Oil Well
L- Gas Well Low Pressure
H- High Pressure Well Associated with Low Pressure Gas
N- New Well
P- Not processed through Plant

OIL DISPOSITION CODE
C- Circulating Oil
L- Lost
S- Sedimentation (BS&W)
E- Explanation Attached
T- Trucks
P- Pipeline

"OTHER" GAS DISPOSITION CODE
X- Use Off Lease
D- Used For Drilling
L- Lost (MCF Estimated)
E- Explanation Attached
R- Repressuring or Pressure Maintenance
G- Gas Lift
V- Vented
U- Used On Lease

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of legal age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19 ___

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

FORM C-120-A

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY WATER DISPOSAL REPORT

Submit this report in triplicate to the appropriate District Office, Oil Conservation Commission.

Disposal System Operator _____ Disposal System _____

County _____ Month _____ 19__

Lease	Well No.	Location UL	S	T	R	Disposed Water Barrels	Cumulative Disposed Water-Barrels	Average Injection Pressures
TOTAL								

I hereby certify that the above is true and complete to the best of my knowledge.

Remarks _____ Name _____

_____ Company _____

_____ Title _____

(Form C-117-A)

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

SEDIMENT OIL DESTRUCTION PERMIT

Operator_____hereby requests authority to destroy the following described sediment oil:

Name of lease _____

Location of lease_____

Type of sediment oil (Pit oil, tank bottoms, etc.)_____

Estimated gross volume, barrels_____

Reason why sediment oil cannot be salvaged:_____

_____

_____

_____

Operator_____

By_____

Title_____

Date_____

Approved_____19____

New Mexico Oil Conservation Commission

By_____

Title_____

~~C-113~~

Form C-113

Rev. PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery ~~Districts~~ Distillates		Distillates					
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

(Form C-117-B)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

SEDIMENT OIL RECOVERY PERMIT

Permit
Number_____

Date_____

Oil Conservation Commission
State of New Mexico

Gentlemen:

We the undersigned hereby request authority to remove the following described sediment oil from the lease for purposes of reclamation. It is understood that any merchantable oil derived from said sediment oil will be charged against the allowable for wells on the subject lease.

Name of Lease_____

Location of Lease_____
Type of Sediment Oil
(Tank Bottoms, Pit Oil, etc.)_____
Estimated Gross Volume,
Barrels_____
Sediment Oil to be transported to:
(Name and location of treating plant)_____

_____

_____

Remarks_____

_____

Yours very truly,

Lease
Operator_____

By_____

Title_____

Date_____

Oil
Transporter_____

By_____

Title_____

Date_____

Approved_____19____

New Mexico Oil Conservation Commission

By_____

Title_____

Form C-118
(Revised 1-1-59)
(Sheet #1-A)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

PIPELINE QUALITY OIL RECOVERED BY TREATING PLANTS

Permit Number	Lease Operator	Lease Name	Gross Volume Sediment Oil	Net Bbls. P.L. Oil Recovered

Form C-118
(Revised 1-1-59)

(Sheet 1)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

TREATING PLANT OPERATOR'S MONTHLY REPORT

Report of _____ Month of _____ 19___

Address _____
(Street) (City) (State)

TOTAL STOCKS PIPELINE OIL BEGINNING OF MONTH (Attach Additional Sheets if N

Plant Name	Location	Barrels

Total, All Plants

TOTAL PIPELINE OIL RECOVERED

Plant Name	Location	Barrels

Total, All Plants

DELIVERIES PIPELINE OIL

From	To	Barrels

Total, All Plants

TOTAL STOCKS PIPELINE OIL END OF MONTH

Plant Name	Location	Barrels

Total, All Plants

I hereby certify that this report is true and complete to the best of my knowledge.

NAME OF TREATING PLANT OPERATOR _____

Title _____ Date _____

NEW MEXICO
OIL CONSERVATION COMMISSION
MONTHLY INJECTION REPORT

Form C-120
(Revised 5-1-60)

Submit this report in triplicate to the District Office, Oil Conservation Commission.

COMPANY _____ POOL _____

COUNTY _____ MONTH _____ 19____

INJECTION WELLS Attach.

Lease	Well No.	Location UL	S	T	R	MCF Gas Injected	Cumulative Gas Inj.	Bbls Water Injected	Cumulative Water Inj.	Ave. Inj. Pressures
TOTAL										

PRODUCING WELLS

Lease	Well No.	Location UL	S	T	R	Bbls. Oil Produced	MCF Gas Produced	Gor	Bbls Water Produced	% Water Produced
TOTAL										

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA

Lease	Well No.	Location UL	S	T	R	Date of Test	Length of Test	Barrels Produced	Barrels Per Day

I hereby certify that the above information is true and complete to the best of my knowledge.

REMARKS: _____ NAME _____

TITLE _____

El Paso Natural Gas Company

El Paso, Texas 79999

September 8, 1964

Mr. D. S. Nutter
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Dan:

Here are the originals for the forms indicated on the attachment. With the exception of the C-122-C, One Point Back Pressure Test for Gas Wells, this finishes the work which we have been doing on revising the format of the various Commission forms. Until recommendations are made by the Gas Well Back Pressure Test Man[illegible] Committee, it would seem unadvisable to make any revisions of the C-122-C at this time.

If there are any corrections, please return them to us as soon as possible and we will have the necessary changes made.

Very truly yours,

PRORATION DEPARTMENT

G. A. Hickson
Engineer

GAH:mm
attach.

New Mexico Oil Conservation Commission Forms Ready for Printing
September 8, 1964

C-101	Application for Permit to Drill, Deepen, or Plug Back
C-103	Sundry Notices and Reports on Wells
C-104	Request for Allowable and Authorization to Transport Oil and Natural Gas
C-105	Well Completion or Recompletion Report and Log
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C-122	Multi-Point Back Pressure Test for Gas Well
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C-126	Permit to Transport Recovered Load Oil
C-127	Request for Allowable Changes

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 2088, Santa Fe.

The log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

Q = Actual rate of flow at end of flow period at W. H. working pressure (P_w). MCF/da. @ 15.025 psia and 60° F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_w = Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia

P_f = Meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor.

F_t = Flowing temperature correction factor.

F_{pv} = Supercompressability factor.

n = Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t.

Form C-111
Supersedes Old Form C111 & C-114
Effective 1-1-[illegible]

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASER'S MONTHLY REPORT

Operator and Address	Plant	Month

REPORT ALL VOLUMES OF GAS IN MCF AT 15.025 PSIA AND 60° F

SECTION I — Volume of Gas Taken	VOLUME - MCF
Total Gas From Oil Wells (Detail on Sheet 2)	
Total Gas From Gas Wells (Detail on Sheet 2)	
Total Gas From Other Sources (Detail on Sheet 2)	
TOTAL TAKES	

Gasoline or Other Extraction Plant Only:	
Deduct: Volume that By-passed Plant and was Not Processed	
TOTAL PLANT INPUT	

SECTION II — Disposition		Item	Unprocessed Gas Volume MCF	Item	Plant Residue Volume MCF
Lease Use	Detail Below	a		h	
Gas Drilling Operation	" "	b		i	
Gas Lift	" "	c		j	
Fuel System	" "	d		k	
Returned to Lease for Fuel	" "	e		l	
Returned to Earth	" "	f		m	
Sold or Other Disposition	" "	g		n	
Plant Fuel					
Vented					
Shrinkage					
Totals					
GRAND TOTAL — ALL DISPOSITION					

SECTION III - Detail of Disposition (Show each individual disposition of items above. Attach additional sheets if necessary)

Item	Name and Address of Purchaser or User	USED FOR	VOLUME - MCF

SECTION IV - Plant Production, Receipts, Deliveries, and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

Remarks _____

Signature _____ Title _____ Date _____

Form old
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

~~POTENTIAL TEST AND~~ REQUEST FOR ALLOWABLE

AND/~~OR~~

CERTIFICATE OF COMPLIANCE ~~AND~~ AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING (Check proper box) New Well ☐ Change in Transporter of: (~~Check One~~) Re-completion ☐ OIL ☐ DRY GAS ☐ Change in Ownership ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or ~~Private~~ Fee

Location

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION _____ TOWNSHIP _____ ~~RANGE~~ _____ RANGE _____ NMPM, _____ COUNTY

DESIGNATION OF TRANSPORTER OF

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Authorized transporter of oil ☐ or condensate ☐ ~~Name~~	Address (give address to which approved copy of this form is to be sent) ~~Name~~
Authorized transporter of casing head gas ☐ or dry gas ☐ ~~Date Gas~~	Address (give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. Unit | Sec. | Twp. | Rge.	Is ~~well~~ Gas Actually Connected? | When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations ~~Perforations~~			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must ~~equal or exceed top~~ be equal to or exceed top allowable for this depth or be for full 24 hrs.

OIL WELL

Date ~~of first prod.~~ first new oil run to tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil – Bbls.	Water – Bbls.	Gas – MCF

~~*Load oil after recovery of total volume of load oil must equal normal unit allowable or test must be for full 24 hrs.~~

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI ← ~~CERTIFICATE OF COMPLIANCE~~

I hereby certify that the rules and regulations of the Oil Conservation ~~Division~~ Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief. ~~plied with.~~

use bold face type
as on other Section Titles
(Signature)

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

This Form is to be filed in compliance with Rule 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and re-completed wells. 24 only or ~~and~~ for

Fill out Sections I, II and III for changes of owner, well name, transporter, or other change of condition.

~~Forms must be~~ Filed for each pool in multiply completed wells.

Form C-106 (Letter size)

ACT Permit No._____

NOTICE OF INTENTION

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator_____ Field_____

Address_____ County_____

Lease(s) to be served by this ACT Unit_____

Pool(s) to be served by this ACT Unit_____

Location of ACT System: Unit_____ Sec_____ Twp_____ Rge_____

Order No. authorizing commingling between leases if more than one lease is to be served by this system_____ Date_____

Order No. authorizing commingling between pools if more than one pool is to be served by this system_____ Date_____

Authorized transporter of oil from this system_____

Transporter's address_____

Maximum expected daily through-put for this system:_____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head?_____ Maximum well-head shut-in pressure_____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank?_____ Bbls.

What is the normal maximum unattended time of lease operation?_____ Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; Describe_____

Remarks:_____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission

By_____

Title_____ Date_____

By_____

Title_____

Date_____

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule ~~1105~~, 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

NEW MEXICO OIL CONSERVATION [illegible]

Form C-111
Supersedes Old Form C-111 & C-114
Effective 1-1-65

GAS PURCHASER'S MONTHLY REPORT

Operator and Address	Field	Month

REPORT ALL VOLUMES OF GAS IN MCF AT 15.025 PSIA AND 60°F

SECTION I — Volume of Gas Taken

	VOLUME - MCF
Total Gas From Oil Wells (Detail on Sheet 2)	
Total Gas From Gas Wells (Detail on Sheet 2)	
Total Gas From Other Sources (Detail on Sheet 2)	
TOTAL TAKES	
Gasoline or Other Extraction Plant Only:	
Deduct Volume that By-passed Plant and Was Not Processed	
TOTAL PLANT INPUT	

SECTION II — Disposition

	Detail Below	Item	Unprocessed Gas Volume MCF	Item	Plant Residue
Lease Use	Detail Below	a		h	
Gas Drilling Operations	" "	b		i	
Gas Lift	" "	c		j	
Fuel System	" "	d		k	
Returned to Lease for Fuel	" "	e	(10)	l	
Returned to Earth	" "	f		m	
Sold or Other Disposition	" "	1		n	
Plant Fuel					
Vented					
Shrinkage					
Totals					
GRAND TOTAL — ALL DISPOSITION					

SECTION III — Detail of Disposition

(Show each individual disposition of items above. Attach additional sheets if necessary)

Item	Name and Address of Purchaser or User	USED FOR	VOLUME - MCF

SECTION IV — Plant Production, Receipts, Deliveries, and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

Remarks

Signature _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL POTENTIAL TEST-DATA SHEET FORM C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL_____FORMATION_____

COUNTY_____DATE WELL TESTED_____

OPERATOR_____LEASE_____WELL NO._____

¼ SECTION:_____UNIT LETTER_____SEC._____TWP._____RGE._____

CASING_____SET AT_____TUBING_____WT._____SET AT_____

PAY ZONE: FROM_____TO_____GAS GRAVITY: MEAS._____EST._____

TESTED THROUGH: CASING_____TUBING_____

TEST NIPPLE_____I.D. TYPE OF GAUGE USED_____
(Spring) (Monometer)

OBSERVED DATA

SHUT IN PRESSURE: CASING_____TUBING_____S. I. PERIOD_____

TIME WELL OPENED:_____TIME WELL GAUGED:_____IMPACT PRESSURE:_____

VOLUME (Table I) .. .. _____(a)

MULTIPLIER FOR PIPE OR CASING (Table II) .. .. _____(b)

MULTIPLIER FOR FLOWING TEMP. (Table III) .. .. _____(c)

MULTIPLIER FOR SP. GRAVITY (Table IV) .. .. .. _____(d)

AVE. BAROMETER PRESSURE AT WELLHEAD (Table V) .. _____

MULTIPLIER FOR BAROMETRIC PRESSURE (Table VI) .. _____(e)

INITIAL POTENTIAL, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) =_____

WITNESSED BY:_____ TESTED BY:_____
COMPANY:_____ COMPANY:_____
TITLE _____ TITLE:_____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool _____ Formation _____ County _____

Initial _____ Annual _____ Special _____ Date of Test _____

Company _____ Lease _____ Well No. _____

Unit _____ Sec. _____ Twp. _____ Rge. _____ Purchaser _____

Casing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____

Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____

Gas Pay: From _____ To _____ L _____ X G _____ X GL _____ Bar.Press. _____

Producing Thru: Casing _____ Tubing _____ Type Well _____
Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through Prover ☐ Choke ☐ Meter ☐ Type of Taps _____

No.	Flow Data (Prover) (Line) Size	Flow Data (Choke) (Orifice) Size	Flow Data Press. psig	Flow Data Diff. h_w	Flow Data Temp. °F.	Tubing Data Press. psig	Tubing Data Temp. °F.	Casing Data Press. psig	Casing Data Temp. °F.	Duration of Flow Hr.
SI										
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ $(1-e^{-s})$ _____

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c _____ P_c^2 _____

No.	P_w P_t (psia)	P_t^2	$F_c Q$	$(F_c Q)^2$	$\frac{(F_c Q)^2}{(1-e^{-s})}$	P_w^2	$P_c^2 - P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

Absolute Potential: _____ MCFPD; n _____

COMPANY _____

ADDRESS _____

AGENT and TITLE _____

WITNESSED _____

COMPANY _____

REMARKS

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box ~~871~~, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

Q = Actual rate of flow at end of flow period at W. H. working pressure (P_w). MCF/da. @ 15.025 psia and 60° F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_w = Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia

P_f = Meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor.

F_t = Flowing temperature correction factor.

F_{pv} = Supercompressability factor.

n = Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t.

(FORM C-125)
Rev. 1-1-65

~~COMPANY~~

~~SEMI-ANNUAL 24 HOUR SHUT-IN PRESSURES ON GAS WELLS~~

OPERATOR | ADDRESS | ~~POOL~~ POOL | COUNTY

LEASE	WELL NO	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS./MIN.	S.I. PRESSURE PSIG (DWT)	S.I. PRESSURE PSIA	PREVIOUS TEST PRESS. DATE
	4	2	5 T R	1"	4+			1"

PLEASE MAKE ALL CORRECTIONS
ON TISSUE PAPER FLAP

COMPOSITION BY Tony

PROOF READ BY

APPROVED BY

DATE APPROVED

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

MAY 2 1957

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

MAKE 4

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE ~~1103~~ 1104 (a)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME

TITLE

DATE

PLEASE MAKE ALL CORRECTIONS
ON TISSUE PAPER FLAP

COMPOSITION BY Terry

PROOF READ BY REM

APPROVED BY

DATE APPROVED 10/11

Form C-127
~~(Revised 12-1-55)~~

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

~~OIL PRODUCERS NOMINATION~~

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission ~~Box 2045 Hobbs, New Mexico~~ not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____19_____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing_____ Signed_____

_____ Title_____
Operator

Form C-103
Supersedes Old C-102 and C-103
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log — Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* S- T- R- 11-3- - 800-2D

C2PS

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-101
Revised 1-1-65

5A.

NEW MEXICO OIL CONSERVATION COMMISSION

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for [redacted] State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule [illegible].

PLEASE INDICATE [illegible] FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "A"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

PLEASE MAKE ALL CORRECTIONS
ON TISSUE PAPER FLAT

COMPOSITION BY Tony

PROOF READ BY

APPROVED BY

DATE APPROVED

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

Rev. 1-1-65

GAS–OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES Tbg.	CSG. ~~BEFORE~~	~~AFTER~~	SEP.	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

Form C-104 old
Supersedes C-104 and C-110
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

~~POTENTIAL~~ TEST ~~AND~~ REQUEST FOR ALLOWABLE

AND ~~/OR~~

~~CERTIFICATE OF COMPLIANCE AND~~ AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator

Address

REASON (S) FOR FILING *(Check proper box)*

New Well . . . . . ☐ Change in Transporter ~~(Check One)~~

Re-completion . . . . . ☐ OIL ☐ DRY GAS ☐

Change in Ownership . . . . ☐ CASINGHEAD GAS ☐ CONDENSATE ☐

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	...	~~County~~ Fed

Location

UNIT LETTER _____ : _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION , TOWNSHIP ~~[redacted]~~ RANGE ~~[redacted]~~, NMPM, County

DESIGNATION OF TRANSPORTER OF

III. [redacted]T OIL AND NATURAL GAS

Authorized transporter of oil ☐ or condensate ☐ [redacted]	Address *(give address to which approved copy of this form is to be sent)* [redacted]
Authorized transporter of casing head gas ☐ or dry gas ☐ [redacted]	Address *(give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is ~~well~~ Actually Connected? Gas	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	**Name of Prod. Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
~~Perforations~~ Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be ~~after recovery of total volume of load oil and must~~ be equal to or ~~exceed top~~ allowable for this depth or ~~[redacted]~~ be for full 24 hrs.

Date ~~of first prod.~~ First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil – Bbls.	Water – Bbls.	Gas – MCF

~~[redacted]~~ *after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief, ~~[redacted]~~ with.

use bold face type
as on other Section Titles

(Signature)

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II and III for changes of owner, well name, transporter or other change of condition.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES_____ NO_____

2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please mark YES or NO)

_____ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

_____ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

_____ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

_____ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

_____

_____

_____

_____

_____

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ____ NO ____ . If answer is yes, give date of such notification _____

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

_____
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

STATEWIDE FORM C-115-EDP
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

(Company or Operator) (Address) (Date) (Page)

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS							DISPOSITION OF OIL						
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	GAS LIFT	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO PIPELINE	BARRELS TO TRUCKS	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (B.S.&W.)
E - - - - EXPLANATION ATTACHED

OTHER GAS DISPOSITION CODE
R - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
D - - - - USED FOR DRILLING }
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(POSITION)

Exhibit "A"

New Mexico Oil Conservation Commission Forms Ready for Printing
August 19, 1964

C-102	Well Location and Acreage Dedication Plat
C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
C-111, Sheet No. 2	Gas Purchasers Monthly Report
C-112	Transporter's and Storer's Monthly Report
C-113, Sheet No. 2	Refiner's Monthly Report
C-121 A	Purchaser's Gas Nominations
C-124	Reservoir Pressure Report
	Packer Setting Report

~~C-121-A~~
Form C-121-A
~~PROPOSED~~

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary nomination only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane
---	---	---	---	---	---

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA *: PROD. TEST (BBLS./DAY) OIL	WATER	~~FLUID~~ LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, ~~both before and after~~ test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

C-124-B300-2D

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)	(Title)	(Date)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

C-108

Form C-108

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE –	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

– 800-2D

Supersedes etc.

Form ~~C-116~~
Sheet No. 2
Revised 11-1-65
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

~~C-112~~

Form C-112
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of	Address	Month of

Total Stock Beginning of Month	BARRELS

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge or belief.

(Signature) (Title) (Date)

Memo

7/20

From
D. S. NUTTER
CHIEF ENGINEER

To Emery -

We are getting ready to flange Form C-105 up in final form.

We will add an extra column to the formation tops listing on the back side so you can list more formations if you desire.

The present revised form is attached.

Please add whatever additional tops you want & return as soon as possible.

Dan

Dan, Tops are added as requested

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To

~~T. C. Ute~~

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
							Point A B C D Leadville Parting Elbert McCrackan Ignacio Qtzite Granite

DOCKET NO 10-64

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 8, 1964

9 A. M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

CASE 3020: In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for the abolishment and extension of the following pools:

Abolish the Weir-Tubb Gas Pool in Township 20 South, Range 37 East;

Extend the Monument-Tubb Pool in Township 20 South, Range 37 East,

all in Lea County, New Mexico.

CASE 3021: Application of Cherry Brothers and Cabot Corporation for a tubingless completion, Lea County, New Mexico. Applicants, in the above-styled cause, seek approval of the tubingless completion of their Austin State Well No. 1, located in Unit F of Section 19, Township 14 South, Range 36 East, Lea County, New Mexico, to produce oil from the Permo-Pennsylvanian formation at approximately 10,356 feet through 2 7/8-inch casing.

CASE 3022: Application of Sinclair Oil & Gas Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of special pool rules for the North Vacuum-Devonian Pool, Lea County, New Mexico, including a provision for 80-acre spacing.

CASE 3023: Application of Cities Service Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Ellenburger formation through its Hodges "B" Well No. 2 which is dually completed in the McKee and Ellenburger formations and located in Unit L of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico.

CASE 3024: Application of Deane H. Stoltz for approval of a non-standard unit, a dual completion, and commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard 80-acre unit in the North Bagley-Wolfcamp Pool comprising the SW/4 NE/4 and NW/4 SE/4 of Section 22, Township 11 South, Range 33 East, Lea County, New Mexico, approval of the dual completion (conventional) of its Deane H. Stoltz State 262 Well No. 1, located in Unit G of said Section 22, to produce oil from the North Bagley-Wolfcamp Pool through 1 1/4-inch tubing and to produce oil from the North Bagley Upper Pennsylvanian Pool through the casing-tubing annulus by means of a hydraulic pump and authority to commingle production from the North Bagley-Wolfcamp and North Bagley-Pennsylvanian Pools into a common tank battery, computing production from the North Bagley-Upper Pennsylvanian Pool by the subtraction method.

CASE 3025: Application of Pan American Petroleum Corporation for a unit agreement, Eddy County, New Mexico. Applicant in the above-styled cause, seeks

approval of the Long Draw Unit Area comprising 3514 acres, more or less, of State and Federal lands in Township 20 South, Ranges 23 and 24 East, Eddy County, New Mexico.

CASE 3026: Application of Shell Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Jalmat Pool by the injection of water into the Yates formation through four wells in Sections 32, and 33, Township 26 South, Range 37 East, Lea County, New Mexico.

CASE 3027: Application of El Paso Natural Gas Company for the adoption of a new form. Applicant, in the above-styled cause, seeks the adoption of a new form entitled Purchaser's and Operator's Monthly Report, said form to be for the optional use of those gas purchasing companies which also have gas production. Use of said form to report monthly purchases and production would be in lieu of the monthly purchasers report and the monthly producers report presently required. Copies of the proposed form are available at the Office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

CASE 3028: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

In the above-styled cause, the Commission proposes to consider the adoption of various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting all phases of oil and gas activity to state regulatory agencies. The forms have also been adopted and recommended by the Regulatory Practices Committee and the Executive Committee of the New Mexico Oil and Gas Association.

Adoption of the forms by the Commission will also entail amendment to numerous rules and orders of the Commission, particularly in Section M of the Rules and Regulations, wherever reference is made to the title or form number of an existing form which would be revised, or where detailed instructions for completing and filing of forms would not be consonant with the proposed forms.

It is further proposed to amend Rule 1121 of the Rules and Regulations and Rule 7 (A) of the General Rules and Regulations for Prorated Gas Pools in the State of New Mexico as promulgated by Order No. R-1670 to require that gas purchasers' nominations be submitted not later than the first day of the month during which the nominations will be considered at the monthly allowable hearing.

It is also proposed that said Rule 7 (A) be further amended to require that gas purchasers shall file a supplemental nomination for the purchase of gas each month.

Copies of all proposed forms are available at the office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

the work done and the manner in which such work was performed. If the well is re-completed in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or re-completed well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C.

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B) (Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118) (Same as old Rule 1117)

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119) (Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A) (Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C) (Same as old Rule 1121)

RULE 1123 REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123) (Same as old Rule 1122)

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124) (Same as old Rule 1123)

RULE 1125 GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph.

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127) (Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices' mailing addresses will be included)

In addition to the above rule changes, numerous other non-substantive changes will be made throughout the Rules and Regulations where reference is made to a Form number or title which would not be consistent with the proposed changes.

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations *(Show whether DF, RT, etc.)*	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage: Acres

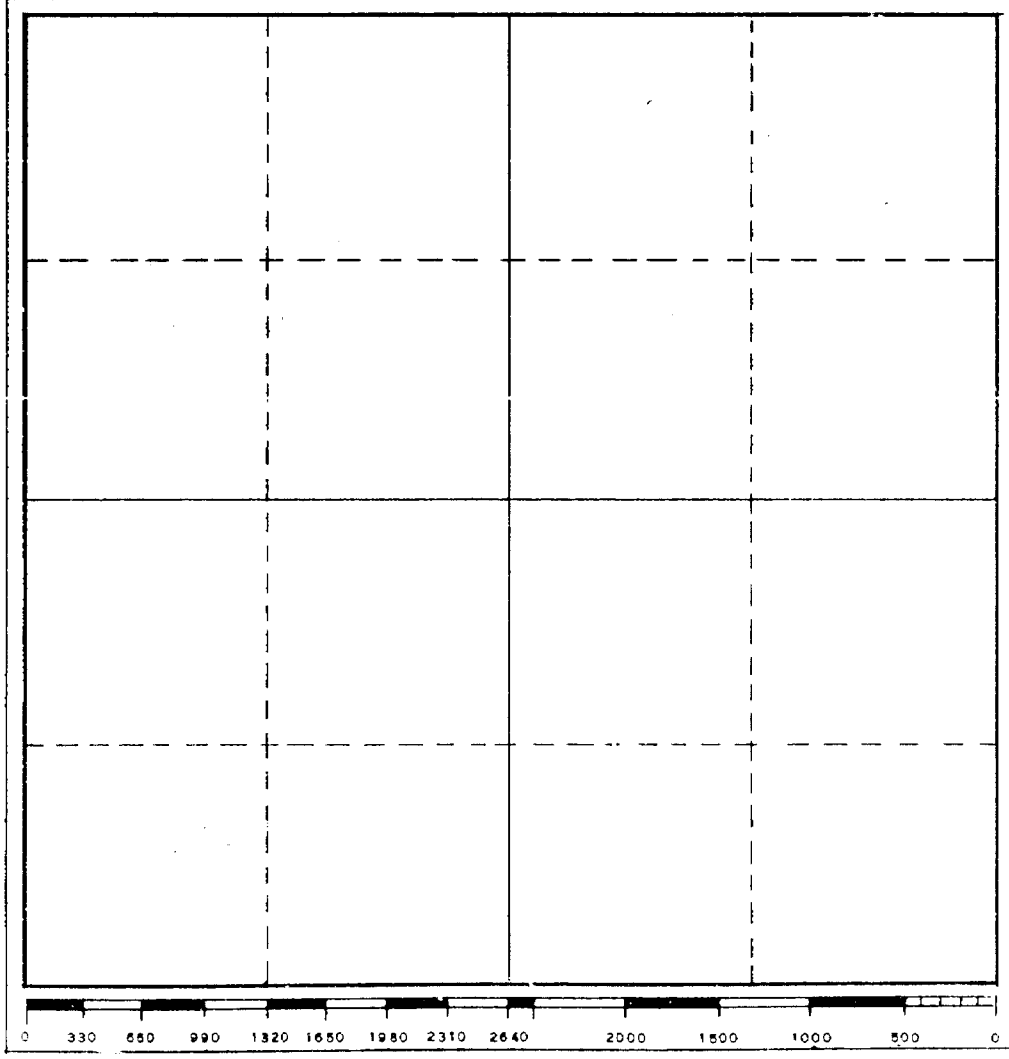
1. **Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below:**

2. **If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).**

3. **If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?**

   ☐ Yes ☐ No **If answer is "yes," type of consolidation** _____

   If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-102 C-103
Supersedes C-102 and C-103

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator
Address
REASON (S) FOR FILING *(Check proper box)* — Change in Transporter *(Check One)* — OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐ — New Well ☐ Re-completion ☐ Change in Ownership ☐ — Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ : _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SECTION _____ , TOWNSHIP _____ , RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

** Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and re-completed wells.

Fill out Sections I, II and III for change of owner, well name, transporter or other change of condition.

C-105

Form C-105

MODIFIED

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	
T. Salt	T. Strawn	T. Kirtland-Fruitland	
B. Salt	T. Atoka	T. Pictured Cliffs	
T. Yates	T. Miss	T. Cliff House	
T. 7 Rivers	T. Devonian	T. Menefee	
T. Queen	T. Silurian	T. Point Lookout	
T. Grayburg	T. Montoya	T. Mancos	
T. San Andres	T. Simpson	T. Gallup	
T. Glorieta	T. McKee	Base Greenhorn	
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinebry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp	T.	T. Chinle	
T. Penn.	T.	T. Permian	
T. Cisco (Bough C)	T.	T. Penn.	
		T. Granite	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

C-108

Form ~~C-120-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE –	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-~~111~~ C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
~~Sub-total~~	
~~Total~~ Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-106~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of	
Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

Form C-113

C-113
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of	Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS - OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES Tbg.	Csg. BEGINNING	Csg. END	SEPARATOR	SEPA. RATOR TEMP. °F	DAILY ALLOW-ABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-119

Form C-119

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity – MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

C-121-A
Form C-121-A
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. ***This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.***

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 Proposed

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

PROVATION

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of legal age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19____

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

▼ NEW MEXICO OIL CONSERVATION COMMISSION

P.O. Box 871, Santa Fe, New Mexico

PURCHASER'S AND OPERATOR'S MONTHLY REPORT

Proposed Form C-111 and C-115.
Submit: Original and 1 Copy to Santa Fe
1 Copy to District Office
1 Copy to Hobbs District Office

El Paso Natural Gas Company (Transmission Company) — P.O. Box 1492, El Paso, Texas 79999 (Address) — (Date) — (Plant) — (Page)

METER CODE	TYPE LEASE	LOCATION UNIT	SEC	TWP	RGE	POOL / OPERATOR / WELL NAME	TYPE WELL	GAS PRODUCED MCF	DAYS PROD.	OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	OIL & GAS	BARRELS OF WATER PRODUCED	DISPOSITION OF GAS: SOLD MCF	PURCHASER CODE	DISPOSITION OF GAS: OTHER MCF	OTHER GAS DISPOSITION CODE	BEGINNING NET ALLOWABLE	REMARKS

SAMPLE COPY OF PROPOSED FORM
CASE 3027
ACTUAL SIZE 11" x 15"

TYPE LEASE CODE
0- Unknown
1- Fee
2- Federal
3- Indian
4- State
5- Comm.
6- Unitized

TYPE CODE
G- Gas Well High Pressure
O- Oil Well
L- Gas Well Low Pressure
H- High Pressure Well Associated with Low Pressure Gas
N- New Well
P- Not processed through Plant

OIL DISPOSITION CODE
C- Circulating Oil
L- Lost
S- Sedimentation (B.S.&W.)
E- Explanation Attached
T- Trucks
P- Pipeline

'OTHER' GAS DISPOSITION CODE
X- Use Off Lease
D- Used For Drilling
L- Lost (MCF Estimated)
E- Explanation Attached
R- Repressuring or Pressure Maintenance
G- Gas Lift
V- Vented
U- Used On Lease

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

STATEWIDE Form C-115-EDP
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

(Company or Operator) (Address) (Date) (Page)

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS							DISPOSITION OF OIL						
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	GAS LIFT	USED ON LEASE	SOLD	PURCH	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO PIPELINE	BARRELS TO TRUCK	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEGMENTATION (B.S.&W.)
E - - - - EXPLANATION ATTACHED

"OTHER" GAS DISPOSITION CODE
R - - - - USED OFF LEASE } DESTINATION MUST BE SHOWN ON FORM C-111.
D - - - - USED FOR DRILLING }
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(POSITION)

Exhibit "A"

INSTRUCTIONS

This form is to be filed with the qppropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule ~~1106~~ 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"		
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"		
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"		
T. Yates	T. Miss	T. Cliff House	T. Leadville		
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison		
T. Queen	T. Silurian	T. Point Lookout	T. Elbert		
T. Grayburg	T. Montoya	T. Mancos	T. McCracken		
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzte		
T. Glorieta	T. McKee	Base Greenhorn	T. Granite		
T. Paddock	T. Ellenburger	T. Dakota	T.		
T. Blinebry	T. Gr. Wash	T. Morrison	T.		
T. Tubb	T. Granite	T. Todilto	T.		
T. Drinkard	T. Delaware Sand	T. Entrada	T.		
T. Abo	T. Bone Springs	T. Wingate	T.		
T. Wolfcamp	T.	T. Chinle	T.		
T. Penn.	T.	T. Permian	T.		
T. Cisco (Bough C)	T.	T. Penn. "A"	T.		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

NEW MEXICO
OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

It has been the experience of the New Mexico Oil Conservation Commission that improper and neglectful filing of Commission forms is both time consuming and expensive to the operator and to the Commission. Most of the filing errors result from a lack of familiarity with the Rules and Regulations. Listed below are the rules with which an operator should become familiar, before drilling for oil and gas in New Mexico.

Rules: 6, 102, 117, 1101, 1103, 1104, 1105, 1106, 1107, 1108, 1127, and 1128.

Further, your attention is called to Chapter 65, Article 3, Section 65-3-27, New Mexico Statues Annotated, 1953 Compilation, regarding penalties for violations of Commission Rules and Regulations.

On the reverse side, please find general instructions in the filing of forms for the drilling of oil wells and plugging of Dry Holes in the State of New Mexico.

INSTRUCTIONS
IN THE FILING OF FORMS FOR THE DRILLING OF OIL WELLS
AND PLUGGING OF DRY HOLES IN THE STATE OF NEW MEXICO

1. A plugging bond, $5000 for one well or $10,000 for more than one well, must be filed with the Oil Conservation Commission, Box 871, Santa Fe.

2. The following forms must be filed with the appropriate district office of the Commission:

Form C-101, Notice of Intention to Drill, 5 copies for patented land and 6 copies for state land.

Form C-128, Well Location Plat, 3 copies for all locations must accompany Form C-101.

Form C-103, Miscellaneous Report, 3 copies for each string of casing, reporting the results of test of casing shut-off, must be filed within 10 days after test.

If the well is completed as a producer, the following forms must be filed:

Form C-104, Request for Allowable, 4 copies. The initial allowable will be assigned effective on the date of completion, provided this form is filed during the month of completion. Otherwise, it will be effective on the first day of the month in which the form is filed.

Form C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, 5 copies to accompany Form C-104. This form will not be approved until all the above listed forms have been filed.

Form C-105, Well Record, 4 copies for patented land and 5 copies for state land, with one copy of all electrical and radio-activity logs run on the well, must be filed within twenty days after completion.

Form C-116, Gas Oil Ratio Report, 2 copies must be filed, reporting a gas oil ratio test taken between the 30th and 60th day after completion for all wildcats and all wells in pools that are not exempt from the tests.

If the drilling operations result in a dry hole, the following forms must be filed:

Form C-102, Miscellaneous Notice, 3 copies must be filed, outlining the proposed plugging operation, including length and depth of plugs, plans for mudding, cementing, shooting, testing, and removing casing, and the date of the proposed plugging operation.

Form C-103, Miscellaneous Report, 3 copies must be filed within thirty days following the completion of plugging operations on any well. The report must contain a complete record of the work done. No plugging report will be approved until Form C-105 has been filed, and the location has been cleaned of junk, the pits filled, and the location levelled.

For information concerning forms to be filed in connection with the operation of producing wells, consult the book of general Rules and Regulations, or contact any representative of the Commission.

(Revised August 1, 1963)

STATE OF NEW MEXICO
$5,000.00 ONE-WELL PLUGGING AND INDEMNITY BOND

BOND NO. _____
(For Use of Surety Company)

(Note: File with Oil Conservation Commission, Santa Fe, New Mexico.)

KNOW ALL MEN BY THESE PRESENTS:

That _____, (An individual) (a partnership) (a corporation organized in the State of _____, with its principal office in the city of _____, State of _____, and authorized to do business in the State of New Mexico), as PRINCIPAL, and _____ _____, a corporation organized and existing under the laws of the State of _____, and authorized to do business in the State of New Mexico with duly appointed resident agent licensed in the State of New Mexico to execute this bond on behalf of the surety company, as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of the Oil Conservation Commission of New Mexico pursuant to Section 65-3-11, New Mexico Statutes Annotated, 1953 Compilation, as amended, and for the use and benefit of purchasers holding purchase contract or deed to state lands, with minerals reserved, their grantees or successors in interest, pursuant to Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of Five Thousand ($5,000.00) Dollars lawful money of the United States, for the payment of which, well and truly to be made, said PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas leases, or carbon dioxide (CO_2) gas leases, or helium gas leases with the State of New Mexico; and

WHEREAS, Said leases were entered into by the said principal, subject to the requirements of the provisions of Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended; and

WHEREAS, All or part of the lands embraced in said leases have been sold, with minerals reserved to the State of New Mexico, to various purchasers who hold limited patents from the State of New Mexico or State purchase contracts; and

WHEREAS, The above principal, individually, or in association with one or more other parties, has commenced or may commence the drilling of one well not to exceed a depth of _____ feet, to prospect for and produce oil or gas, or carbon dioxide (CO_2) gas or helium gas, or does own or may acquire, own or operate such well, or such well started by others on land embraced in said State oil and gas leases, or carbon dioxide (CO_2) leases, or helium gas leases, and on land patented by the United States of America to private individuals, and on land otherwise owned by private individuals, the identification and location of said well being _____ _____ _____
(Here state exact legal subdivision by 40-acre tract or lot)
Section _____, Township _____ (North) (South), Range _____ (East) (West), N.M.P.M.
_____ County, New Mexico.

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug said well when dry or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine the oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata;

AND FURTHER, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, upon demand shall make good and sufficient recompense, satisfaction or payment unto the holders of State purchase contracts or holders of patents for State lands, with minerals reserved to the State, their heirs, executors, administrators, successors and assigns, for all damages to the livestock, range, water, crops, or tangible improvements on such lands as may be suffered by such purchasers or their successors in interest, by reason of such development, use or occupancy of such lands by such lessee or principal, or for such damages as a court of competent jurisdiction may determine and fix in any action brought on this bond;

THEN, THEREFORE, This obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

Signed and sealed this _____ day of _____, 19_____.

PRINCIPAL

By_____
Signature Title

(Note: Principal, if corporation, affix corporate seal here.)

SURETY

By_____
Attorney-in-Fact

(Note: Corporate surety affix corporate seal here.)

(Note: If corporate surety executes this bond by an attorney-in-fact not in New Mexico, the resident New Mexico agent shall countersign here below.)

Countersigned by:

New Mexico Resident Agent

Address

* * * * * * * * * * * * * Acknowledgment Form for Natural Persons * * * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this _____ day of_____, 19____, before me personally appeared _____, to me known to be the person (persons) described in and who executed the foregoing instrument and acknowledged that he (they) executed the same as his (their) free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____

* * * * * * * * * * * * * * * * * Acknowledgment Form for Corporation * * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this_____day of_____, 19____, before me personally appeared _____, to me personally known who, being by me duly sworn, did say that he is_____of_____ and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____

* * * * * * * * * * * * Acknowledgment Form for Corporate Surety * * * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this_____day of_____, 19_____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is_____of_____ and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____
(Note: Corporate surety attach power of attorney.)

APPROVED BY:

Commissioner of Public Lands

APPROVED BY:
OIL CONSERVATION COMMISSION OF NEW MEXICO

By_____

(Revised August 1, 1963)

STATE OF NEW MEXICO
$10,000.00 BLANKET PLUGGING AND INDEMNITY BOND

BOND NO. _____
(For Use of Surety Company)

(Note: File with Oil Conservation Commission, Santa Fe, New Mexico.)

KNOW ALL MEN BY THESE PRESENTS:

That _____, (an individual) (a partnership) (a corporation organized in the State of _____, with its principal office in the city of _____, State of _____, and authorized to do business in the State of New Mexico), as PRINCIPAL, and _____ _____, a corporation organized and existing under the laws of the State of _____, and authorized to do business in the State of New Mexico with duly appointed resident agent licensed in the State of New Mexico to execute this bond on behalf of the surety company, as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of the Oil Conservation Commission of New Mexico pursuant to Section 65-3-11, New Mexico Statutes Annotated, 1953 Compilation, as amended, and for the use and benefit of purchasers holding purchase contract or deed to State lands, with minerals reserved, their grantees or successors in interest, pursuant to Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of Ten Thousand ($10,000.00) Dollars lawful money of the United States, for the payment of which, well and truly to be made, said PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas leases, or carbon dioxide (CO_2) gas leases, or helium gas leases with the State of New Mexico; and

WHEREAS, Said leases were entered into by the said principal, subject to the requirements of the provisions of Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended; and

WHEREAS, All or part of the lands embraced in said leases have been sold, with minerals reserved to the State of New Mexico, to various purchasers who hold limited patents from the State of New Mexico or State purchase contracts; and

WHEREAS, The above principal, individually, or in association with one or more other parties, has commenced or may commence the drilling of wells to prospect for and produce oil or gas, or carbon dioxide (CO_2) gas or helium gas, or does own or may acquire, own or operate such wells, or such wells started by others on land embraced in said State oil and gas leases, or carbon dioxide (CO_2) gas leases, or helium gas leases, and on lands patented by the United States of America to private individuals, and on lands otherwise owned by private individuals, the identification and location of said wells being expressly waived by both principal and surety hereto.

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug all of said wells when dry or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine the oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata;

AND FURTHER, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, upon demand shall make good and sufficient recompense, satisfaction or payment unto the holders of State purchase contracts or holders of patents for State lands, with minerals reserved to the State, their heirs, executors, administrators, successors and assigns, for all damages to the livestock, range, water, crops, or tangible improvements on such lands as may be suffered by such purchasers or their successors in interest, by reason of such development, use or occupancy of such lands by such lessee or principal, or for such damages as a court of competent jurisdiction may determine and fix in any action brought on this bond;

THEN, THEREFORE, This obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

PROVIDED, HOWEVER, That thirty (30) days after receipt by the Oil Conservation Commission of New Mexico of written notice of cancellation from the surety, the obligation of the surety hereunder shall terminate as to property or wells acquired, drilled, or started after said thirty (30) day period but shall continue in effect, notwithstanding said notice, as to property or wells theretofore acquired, drilled, or started.

Signed and sealed this _____ day of _____, 19_____.

(Over)

PRINCIPAL

By_____
Signature Title

(Note: Principal, if corporation, affix corporate seal here.)

SURETY

By_____
Attorney-in-Fact

(Note: Corporate surety affix corporate seal here.)

(Note: If corporate surety executes this bond by an attorney-in-fact not in New Mexico, the resident New Mexico agent shall countersign here below.)

Countersigned by:

New Mexico Resident Agent

Address

* * * * * * * * * * * * * Acknowledgment Form for Natural Persons * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this_____day of_____, 19_____, before me personally appeared _____, to me known to be the person (persons) described in and who executed the foregoing instrument and acknowledged that he (they) executed the same as his (their) free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____

* * * * * * * * * * * * * Acknowledgment Form for Corporation * * * * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this_____day of_____, 19_____, before me personally appeared _____, to me personally known, who, being by me duly sworn, did say that he is _____ of _____ and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____

* * * * * * * * * * * * Acknowledgment Form for Corporate Surety * * * * * * * * * * * *

STATE OF_____)
COUNTY OF_____) ss.

On this_____day of_____, 19_____, before me appeared _____ to me personally known, who, being by me duly sworn, did say that he is_____, of _____ and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission expires_____

(Note: Corporate surety attach power of attorney.)

APPROVED BY:

Commissioner of Public Lands

APPROVED BY:
OIL CONSERVATION COMMISSION OF NEW MEXICO

By_____

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

.....
(Place) (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

.....
(Company or Operator)

....., Well No....., in..... The well is
(Lease) (Unit)

located.....feet from the.....line and.....feet from the

.....line of Section....., T....., R....., NMPM.

(GIVE LOCATION FROM SECTION LINE) .....Pool, ...County

D	C	B	A
L	F	G	H
L	K	J	I
M	N	O	P

If State Land the Oil and Gas Lease is No.....

If patented land the owner is.....

Address.....

We propose to drill well with drilling equipment as follows:.....

.....

The status of plugging bond is.....

.....

Drilling Contractor .....

.....

.....

We intend to complete this well in the.....

formation at an approximate depth of.....feet.

CASING PROGRAM:

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By.....

Sincerely yours,

.....
(Company or Operator)

By.....

Position.....

Send Communications regarding well to

Name.....

Address..... C-101

(Form C-102)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

.....
(Place) (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

.....Well No.....in.....
(Company or Operator) Lease (Unit)

.....¼.....¼ of Sec....., T....., R.....NMPM., ...Pool
(40-acre Subdivision)

.....County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Approved....., 19.....
Except as follows:

.....
Company or Operator

By.....

Position.....

Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION

By.....

Name.....

Title.....

Address.....

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY _____
(Address)

LEASE _____ WELL NO. _____ UNIT ____ S _____ T _____ R _____

DATE WORK PERFORMED _____ POOL _____

This is a Report of: (Check appropriate block)

- ☐ Beginning Drilling Operations
- ☐ Plugging
- ☐ Results of Test of Casing Shut-off
- ☐ Remedial Work
- ☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by _____ _____
(Company)

OIL CONSERVATION COMMISSION

Name _____
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name _____
Position _____
Company _____

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER OIL		
TRANSPORTER GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company		Address			
Lease	Well No.	Unit Letter	Section	Township	Range
Date Work Performed	Pool		County		

THIS IS A REPORT OF: *(Check appropriate block)*

☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other *(Explain)*:

☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Witnessed by	Position	Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS *ONLY*

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth

Perforated Interval(s)	
Open Hole Interval	Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved by	Name
Title	Position
Date	Company

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator			Lease	Well No.
Unit Letter	Section	Township	Range	County
Pool			Kind of Lease *(State, Fed, Fee)*	
If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range

Authorized transporter of oil ☐ or condensate ☐ — Address *(give address to which approved copy of this form is to be sent)*

Is Gas Actually Connected? Yes_____ No_____

Authorized transporter of casing head gas ☐ or dry gas ☐ — Date Connected — Address *(give address to which approved copy of this form is to be sent)*

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING *(please check proper box)*

New Well . . . . . ☐
Change in Transporter *(check one)*
Oil . . . . . ☐ Dry Gas . . . . ☐
Casing head gas . ☐ Condensate . . ☐
Change in Ownership . . . . . ☐
Other *(explain below)*

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19____.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER — OIL		
TRANSPORTER — GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

..... (Place) ..... (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

..... (Company or Operator), Well No. ....., in ..... ¼ ..... ¼,

..... (Unit Letter), Sec. ....., T. ....., R. ....., NMPM., ... Pool

..... County. Date Spudded ..... Date Drilling Completed .....

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

..... (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax

Elevation _____ Total Depth _____ PBTD _____

Top Oil/Gas Pay _____ Name of Prod. Form. _____

PRODUCING INTERVAL -

Perforations _____

Open Hole _____ Depth Casing Shoe _____ Depth Tubing _____

OIL WELL TEST -

Natural Prod. Test: _____ bbls.oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls,oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: _____ MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): _____

Casing Press. _____ Tubing Press. _____ Date first new oil run to tanks _____

Oil Transporter _____

Gas Transporter _____

Remarks: .....

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved ....., 19.....

..... (Company or Operator)

OIL CONSERVATION COMMISSION

By: ..... (Signature)

By: .....

Title .....

Title .....

Send Communications regarding well to:

Name .....

Address C-104

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY.

.....
(Company or Operator) (Lease)

Well No....., in.....¼ of.....¼, of Sec....., T....., R....., NMPM.

.....Pool, ...County.

Well is.....feet from.....line and.....feet from.....line

of Section..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced....., 19..... Drilling was Completed....., 19.....

Name of Drilling Contractor.....

Address.....

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet. .....

No. 2, from.....to.....feet. .....

No. 3, from.....to.....feet. .....

No. 4, from.....to.....feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

.....

.....

.....

.....

Result of Production Stimulation.....

.....

.....Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I. Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico		Northwestern New Mexico	
T. Anhy		T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres		T. Granite		T. Dakota	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs		T.		T.	
T. Abo		T.		T.	
T. Penn		T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

.....
(Date)

Company or Operator..... Address.....

Name..... Position or Title.....

Form C-106 ACT Permit No._____

NOTICE OF INTENTION

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator_____ Field_____

Address_____ County_____

Lease(s) to be served by this ACT Unit_____

Pool(s) to be served by this ACT Unit_____

Location of ACT System: Unit_____Sec_____Twp_____Rge_____

Order No. authorizing commingling between leases if more than one lease is to be served by this system_____Date_____

Order No. authorizing commingling between pools if more than one pool is to be served by this system_____Date_____

Authorized transporter of oil from this system_____

Transporter's address_____

Maximum expected daily through-put for this system:_____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head?_____Maximum well-head shut-in pressure_____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank?_____Bbls.

What is the normal maximum unattended time of lease operation?_____Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; Describe_____

_____

Remarks:_____

_____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission By_____

By_____ Title_____

Title_____Date_____ Date_____

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator _____ Lease _____

Well No. _____ Unit Letter ____ S ____ T ____ R ____ Pool _____

County _____ Kind of Lease (State, Fed. or Patented) _____

If well produces oil or condensate, give location of tanks: Unit ____ S ____ T ____ R ____

Authorized Transporter of Oil or Condensate _____

Address _____
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____

Address _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

_____

_____

Reasons for Filing: (Please check proper box) New Well _____ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership _____ ( ) Other _____ ( )

Remarks: (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the ____ day of _____ 19 ____

By _____

Approved _____ 19 ____

Title _____

OIL CONSERVATION COMMISSION

Company _____

By _____

Address _____

Title _____

C-110

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator				Lease	Well No.
Unit Letter	**Section**	**Township**	**Range**	**County**	
Pool				**Kind of Lease** *(State, Fed, Fee)*	

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range

Authorized transporter of oil ☐ or condensate ☐	Address *(give address to which approved copy of this form is to be sent)*

Is Gas Actually Connected? Yes_____ No_____

Authorized transporter of casing head gas ☐ or dry gas ☐	Date Connected	Address *(give address to which approved copy of this form is to be sent)*

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING *(please check proper box)*

New Well . . . . . ☐
Change in Transporter *(check one)*
Oil . . . . . ☐ Dry Gas . . . . ☐
Casing head gas . ☐ Condensate . . ☐
Change in Ownership . . . . . ☐
Other *(explain below)*

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19___.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

Form C-111
Sheet #1
(Revised 12-1-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY GAS REPORT

Report of _____ Month _____ 19___

Address _____ _____
Main Office Local or Field Office

Report All Volumes in MCF at 15.025 lbs. and 60°F.

ACQUISITION

Total take. (From total of Sheet (s) #2) _____ MCF

DISPOSITION

Used for — Name of Company - Address	Volume
Fuel System	
Lease Use	
Gas Lift	
Transmission System #1	
" " #2	
Other Disposition:	
Detail	
Total	

REMARKS _____

I hereby certify that this Report is true and complete to the best of my knowledge.

_____ _____
Name of Initial Taker Signature

_____ _____
Address Title

(See Instructions Reverse Side)

Form C-111
(Revised 12-1-55)

INSTRUCTIONS

The address, as required on this report, shall be clear and definite as to Street Number, City and State.

Where gas is taken from an oil and/or gas well by the producer into a fuel or other gas system and used outside the basic lease said producer is required to make this report. In case gas is taken at the well by any person other than the producer then such person is required to make this report.

This report shall be filed as outlined below, on or before the 15th day of each calendar month and shall be complete as to data covering the calendar month next preceding the date of filing. One executed copy shall be filed with the Oil Conservation Commission at Santa Fe, and one executed copy shall be filed with the District Office at Hobbs. One executed copy shall be filed with district office at Aztec when plant is located in District III.

Report the volume of gas taken from each gas well separately, Report the volume of gas taken from oil wells by units.

On sheet #2:

(1) List Pools alphabetically.

(2) List Operators alphabetically, within the pools.

(3) Total each Pool.

(4) Total each company within a Pool.

If any space does not apply fill in the word "NONE".

Form C-111
Sheet #2

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY GAS REPORT

ACQUISITION

(Transfer Total Take to Sheet #1)

Report of_____ Month_____ 19____

Detail of Take (Total each Pool)								
Producer	Lease	Well No.	U L	S	T	R	Kind of Well	Volume

(Form C-113)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Total Stock Beginning of Month.....Barrels

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels

TOTAL

Receipts From Other Sources

Received From	Place of Receipt	Barrels

TOTAL	
TOTAL RECEIPTS	
STOCK FIRST OF PERIOD PLUS RECEIPTS	

Deliveries

To Whom	Place of Delivery	Barrels

TOTAL DELIVERIES	
TOTAL STOCK END OF MONTH	
SHORTAGE	
OVERAGE	
TOTAL DELIVERIES AND STOCKS PLUS SHORTAGE OR MINUS OVERAGE	

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Transporter or Storer.....

.....
(Signature) Title

(Follow Instructions on Reverse Side

C-113, R-1

INSTRUCTIONS

This report is required of all Transporters of oil and liquid hydrocarbons by pipe line, by water or by truck, and by all Storers of oil and liquid hydrocarbons. In case products are blended with oil, receipts of such products shall be reported, separately.

This report shall be filed in duplicate on or before the 15th day of each calendar month and shall be complete as to data covering the month next preceding the date of filing.

When delivery is made to a transporter show under "To Whom" column the name of transporter and the type of transportation.

Where the space in any section on Sheet 1 is insufficient use Sheet 1-A, Sheet 1-B, Sheet 1-C, or Sheet 2 of Form C-112 and show in the applicable section of Sheet 1 the numbers of sheets of 1-A, 1-B, 1-C or 2 attached and made a part of this report.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-A

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-B

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts From Other Sources

Received From	Place of Receipt	Barrels

C-112, P 1-B

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-C

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of..... 19.....

Address.....
(Street) (City) (State)

Deliveries

To Whom	Place of Delivery	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 2

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Detail Statement of Stock on Hand at End of Month (Including Stocks in Transit)

Location	Number of Tanks	Total Capacity	Net Barrels	Location	Number of Tanks	Total Capacity	Net Barrels

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-113)
(Revised 7/1/52)

Sheet 1

REFINER'S MONTHLY REPORT

INSTRUCTIONS

This report, including Sheet 1A, 1B and Sheet 2, of Form C-113, is required of all refiners of oil within the State of New Mexico, for each plant, and must be filed in duplicate on or before the 15th day of each month, and shall be complete as to data on said forms, covering the calendar month next preceding the date of filing.

In the preparation of Sheet 1-B of this report group each commodity and show the total thereof, and show the Grand Total of all commodities delivered.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

Report of..... Month of..... 19.....

Address..... (Main Office) (Plant)

(Barrels of 42 U. S. Gallons)

Kind	Stock on Hand Beginning of Month	Receipts (Detail on Sheet 1-A)	Runs to Stills, Re-runs and/or Blended	Products Manufactured	Deliveries (Detail on Sheet 1-B)	Plant Use and Losses	Stock on Hand End of Month
Crude Petroleum							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Dists.							
Cracking Stock							
Other Products							
Processing Losses							
TOTAL							

REMARKS:.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Refiner.....
(Signature) (Title)

C-113-A-1

(Form C-113)
(Revised 7/1/52)

Sheet 1-A

OIL CONSERVATION COMMISSION
State of New Mexico

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of All Receipts Into Plant

(Barrels of 42 U. S. Gallons)

Transporter From Whom Received	State or County of Origin	Petroleum	Casinghead Gasoline	Kerosene	Stock for Cracking	Other	
						Barrels	Kind
TOTAL							

GRAND TOTAL ALL RECEIPTS ..... Barrels

C-113 P 1-A

OIL CONSERVATION COMMISSION
State of New Mexico

(Revised 7/1/52)

Sheet 1-B

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U. S. Gallons)

Transporter	How Transported	Destination (State or County)	Commodity	Barrels

(Form C-113)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION

State of New Mexico

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of Crude Petroleum Oil Stocks at End of Month

(Barrels of 42 U. S. Gallons)

Number of Tanks	Capacity	Barrels	Number of Tanks	Capacity	Barrels

(Form C-116)
(Revised 7/1/52)
Sheet 1

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of..... Month of..... ....., 19.....

Address.....
(Main Office) (Plant)

Report All Volumes in M. C. F. at 15.025 lbs. PSIA at 60° Fahrenheit

INTAKE VOLUME

		Volume MCF
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	
TOTAL		

Disposition of Residue

	Volume MCF
Plant Fuel	
Returned for Lease Fuel	
Sold or Other Disposition (Detail Below)	
Returned to Earth	
Vented	
Shrinkage	
TOTAL	

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M C. F.
TOTAL			

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U. S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

REMARKS:.....

.....

.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator.....

.....
(Signature) (Title)

(Follow Instructions on Reverse Side)

(Form C-114)
(Revised 7/1/62)
Sheet 2

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of..... Month of....., 19.....

Address..... .....
(Main Office) (Plant)

Report All Volumes in M. C. F. at 15.025 PSIA at 60° Fahrenheit

DETAIL OF INTAKE VOLUME

Name of Producer	Lease Name	Unit	Location S.	Location T.	Location R.	County	Kind of Well	Well No.	M. C. F. Take

(Form C-115)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Sheet No.....

OPERATOR'S MONTHLY REPORT

The following is a correct report of all oil and gas producing wells of.....
(Company or Operator)

Lease..... Pool..... County..... for month of....., 19.....

State Land; Lease No..... Assignment No..... Government Lease No..... Pat. Land.....

FOLLOWING TO BE REPORTED ON UNIT BASIS

LOCATION					OIL AND WATER (BBLS.)				(1)		
Well No.	Unit Letter	Sec.	Twp.	Rge.	Net Oil Allowable	(1) (3) Net Oil Prod.	Gravity	(2) Water	Total Gas Prod. MCF	No. Days Produced	Show Whether Flowing Pumping Gas Lift. or Dead
TOTALS											

(1) Distribution to units based on: Test..... Meter..... Estimate.....

(2) Method of determining water production: Shake out..... Estimate..... Draw Off.....

(3) Report distillate, condensate or other liquid hydrocarbons (other than oil) in this column, starting with *

(FOLLOWING TO BE REPORTED ON LEASE BASIS)

No. of Wells	Total on Hand Beginning of Month (Barrels)	Scheduled Allowable for Month	Actual Amount of Oil Produced	Over-Produced	Under-Produced	DISPOSITION OF OIL			Total on Hand End of Month (Barrels)	Total Capacity of Lease Tanks
						Barrels to Pipe Line	Bbls. to Truck or Tank Car	Transporter		

GAS

.....MCF Used on Lease

.....MCF Sold to.....

.....MCF Blown to Air, (By Difference)

USED FOR GAS LIFT

.....MCF Used on Lease

.....MCF On.....Lease

.....MCF On.....Lease

Remarks: .....

I hereby certify that the information given is true and complete to the best of my knowledge.

Signed:.....

Representing:.....
(Company or Operator)

Position.....

Address.....

Date:.....

STATEWIDE FORM C-115 REV. 10-1-61
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

(Company or Operator) _____ (Address) _____ FOR MONTH OF _____ Page ____ of ____

WELL NO. UNIT SEC. TWP. RNG. / POOL NAME (UNDERLINE)	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS						DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		

STATUS CODE
F-------FLOWING
P-------PUMPING
G-------GAS LIFT
S-------SHUT IN
T-------TEMP. ABANDONED
I-------INJECTION

"OTHER" GAS DISPOSITION CODE
X - - - - USED OFF LEASE
D - - - - USED FOR DRILLING
(DESTINATION MUST BE SHOWN ON FORM C-111)
G - - - - GAS LIFT
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

_____ _____
(SIGNATURE) (DATE)

_____
(POSITION)

NGPA C-115

Form C- 116
Revised (12/1/55

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR..... POOL.....

ADDRESS..... MONTH OF....., 19.....

SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST..... (Check One)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date.....

.....
Company

By.....

.....
Title

C 116.

Tank Cleaning Permit Form -117 D._____
(To be used where tank Bottom exceeds 33 barrels)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OWNER OR OPERATOR OF TANK TO BE CLEANED: Date_____,19_____

Name of operator or owner_____
Lease_____Field_____Location_____County_____
Tank No._____Capacity_____Height_____
Gross Contents in Barrels_____Feet and Inches_____
Height of Stationary Pipe Line Connection_____
Date Tank was last cleaned_____
Tank will be cleaned by_____and contents will be_____

_____
Owner or Operator of Tank

BY:_____
Agent

STATE OF NEW MEXICO)
COUNTY OF)

Before me, the undersigned authority, on this day personally appeared_____ _____Known to me to be the person whose name is subscribed in this instrument, who after being duly sworn on oath states that he is in charge of the above listed tank and is employed in the capacity of _____and that the permit contains no misstatement or inaccuracy and that no pertinent matter inquired about in said permit has been omitted from said permit and that said permit is a correct statement of the facts therein recited.

_____
Signature of person making affidavit

Sworn to and subscribed before me, this the_____day of_____, 19_____

_____
Notary public in and for_____County,
New Mexico.
My Commission expires_____, 19___

TANK CLEANER, TREATING PLANT OR TRANSPORTER
Name_____Address_____
This is to certify that on_____, 19_____
Tank No._____Capacity_____Height_____
Owned or Operated by_____
Located on _____Lease_____S.T.R._____County_____
Containing_____ Feet and Inches of Tank Bottoms and oil was cleaned of said bottoms described on this permit. The tank bottoms were transported to_____

This is to certify that no crude oil or product of crude oil was mixed with or substituted for the tank contents as described on this permit; that no rule or regulation of the OIL CONSERVATION COMMISSION was violated in the cleaning or the tank transportation of contents or treating of said contents of said tank.

Superseded
by C-117-A and
C-117-B

BY:_____
Agent

(OVER)

C-117

STATE OF NEW MEXICO)
COUNTY OF .)

Before me, the undersigned authority, on this day personally appeared_____
_____, the known to me to be the person whose name is subscribed to this instrument, after being duly sworn, states that he is the person in charge of the concern removing tank bottoms described above and is employed in the capacity of _____and that the above report contains no misstatement or inaccuracy, and that no pertinent matter inquired about in said report has been omitted from said report and that said report is a correct statement of the facts therein related.

_____
Signature of person making affidavit

Subscribed and Sworn to before me, this the_____day of_____, 19____

OIL CONSERVATION COMMISSION

_____
Notary Public in and for_____
County, New Mexico.

Tank No._____as described above contains_____barrels free oil,
percent oil in remainder of bottom_____% barrels oil in remainder_____.
Total oil chargeable_____. Date_____,19_____
Disposition of contents of tank bottom_____

OIL CONSERVATION COMMISSION

APPROVED DATE_____ BY:_____

(Form C-117-A)

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

SEDIMENT OIL DESTRUCTION PERMIT

Operator_____hereby requests authority to destroy the following described sediment oil:

Name of lease _____

Location of lease_____

Type of sediment oil (Pit oil, tank bottoms, etc.)_____

Estimated gross volume, barrels_____

Reason why sediment oil cannot be salvaged:_____

_____

_____

Operator_____

By_____

Title_____

Date_____

Approved_____19____

New Mexico Oil Conservation Commission

By_____

Title_____

C-117-A

(Form C-117-B)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

SEDIMENT OIL RECOVERY PERMIT

Permit
Number_____

Date_____

Oil Conservation Commission
State of New Mexico

Gentlemen:

We the undersigned hereby request authority to remove the following described sediment oil from the lease for purposes of reclamation. It is understood that any merchantable oil derived from said sediment oil will be charged against the allowable for wells on the subject lease.

Name of Lease_____

Location of Lease_____
Type of Sediment Oil
(Tank Bottoms, Pit Oil, etc.)_____
Estimated Gross Volume,
Barrels_____
Sediment Oil to be transported to:
(Name and location of treating plant)_____

_____

Remarks_____

_____

Yours very truly,

Lease
Operator_____

By_____

Title_____

Date_____

Oil
Transporter_____

By_____

Title_____

Date_____

Approved_____19____

New Mexico Oil Conservation Commission

By_____

Title_____

C 117-1

FORM C-118

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MONTHLY REPORT AND OPERATIONS STATEMENT FOR
RECLAIMING AND TREATING PLANTS

For the Period from _____ to _____

Operator _____ Address _____

	Stock on Hand Beginning of Period	Receipts	Amount Treated	New Oil Recovered	Deliveries	Stock on Hand End of Period
Pipeline Oil						
B. S. & W.						
Total						

RECEIPTS FROM TANKS OF LESS THAN 33 BARRELS

FROM WHOM RECEIVED	Field	Lease	Location	Receipts

RECEIPTS BY PERMIT

FROM WHOM RECEIVED	Permit Number	Total Amount	B.S.&W.	Net Oil

DELIVERIES

TO WHOM DELIVERED	Date of C-110	Amount	Actual Delivery	Other Products

Signed: _____

By: _____

STATE OF NEW MEXICO)
COUNTY OF)

Before me, the undersigned authority, personally appeared _____ known to me to be the _____ of the plant filing the above report who upon his oath says that the above and foregoing report including attached papers is complete and each statement therein contained is true and correct, and that no oil or the products thereof was received, delivered, processed, reclaimed, blended, treated or on hand at the beginning or end of the reported period, in addition to that shown during the above reported period; and that said reporting firm is entitled to C-110 for shipment of the tenderable stock at the end of the period covered and as shown by this report.

SUBSCRIBED AND SWORN TO BEFORE ME, THIS _____ day of _____

Approved Date _____

BY: _____
FOR: Oil Conservation Commission

_____
Notary Public in and for _____
County, New Mexico
My Commission expires: _____

Old C-118

Form C-118
(Revised 1-1-59)

(Sheet 1)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

TREATING PLANT OPERATOR'S MONTHLY REPORT

Report of _____ Month of _____ 19___

Address _____
(Street) (City) (State)

TOTAL STOCKS PIPELINE OIL BEGINNING OF MONTH

Plant Name	Location	Barrels
	Total, All Plants	

TOTAL PIPELINE OIL RECOVERED

Plant Name	Location	Barrels
	Total, All Plants	

DELIVERIES PIPELINE OIL

From	To	Barrels
	Total, All Plants	

TOTAL STOCKS PIPELINE OIL END OF MONTH

Plant Name	Location	Barrels
	Total, All Plants	

I hereby certify that this report is true and complete to the best of my knowledge.

NAME OF TREATING PLANT OPERATOR _____

_____ Date _____

Form C-118
(Revised 1-1-59)
(Sheet #1-A)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

PIPELINE QUALITY OIL RECOVERED BY TREATING PLANTS

Permit Number	Lease Operator	Lease Name	Gross Volume Sediment Oil	Net Bbls. P.L. Oil Recovered

(Form C-119)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

CARBON BLACK PLANT MONTHLY REPORT

Company..... Plant Location.....

Month.....

Type of Plant (Channel or furnace).....

ACQUISITION	M. C. F. Gas
From gasoline or other extraction plants:	
Total from plants	
From leases:	
Total from leases	
	M. C. F.
Total M. C. F. take	

CARBON BLACK

Grade:	Opening Stock	Production	Deliveries	Closing Stock
Rubber (lbs.)				
Ink (lbs.)				
Other (lbs.)				
TOTAL				

I hereby certify that this report is true and complete to the best of my knowledge.

Company.....

By:.....

NEW MEXICO
OIL CONSERVATION COMMISSION
MONTHLY INJECTION REPORT

Form C-120
(Revised 5-1-60)

Submit this report in triplicate to the District Office, Oil Conservation Commission.

COMPANY _____ POOL _____

COUNTY _____ MONTH _____ 19____

INJECTION WELLS

Lease	Well No.	Location UL	S	T	R	MCF Gas Injected	Cumulative Gas Inj.	Bbls Water Injected	Cumulative Water Inj.	Ave. Inj. Pressures
TOTAL										

PRODUCING WELLS

Lease	Well No.	Location UL	S	T	R	Bbls. Oil Produced	MCF Gas Produced	Gor	Bbls Water Produced	% Water Produced
TOTAL										

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA

Lease	Well No.	Location UL	S	T	R	Date of Test	Length of Test	Barrels Produced	Barrels Per Day

I hereby certify that the above information is true and complete to the best of my knowledge.

REMARKS: _____ NAME _____

TITLE _____

FORM C-120-A

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY WATER DISPOSAL REPORT

Submit this report in triplicate to the appropriate District Office, Oil Conservation Commission.

Disposal System Operator _____ Disposal System _____

County _____ Month _____ 19__

Lease	Well No.	Location UL	S	T	R	Disposed Water Barrels	Cumulative Disposed Water-Barrels	Average Injection Pressures
TOTAL								

I hereby certify that the above is true and complete to the best of my knowledge.

Remarks _____ Name _____

_____ Company _____

_____ Title _____

GAS INJECTION PROJECT OPERATOR'S MONTHLY REPORT

Date_____
Normal Unit
Allowable Next
Total Gas Injec
Last Month, Cub

				Most Recent Test (Last Month for Producing Wells)					Last Month									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Well No.	Location U S T R	Inj. or Prod	Meth of Prod	Date of Test	24-hr Oil Prod, bbls.	24-hr Gas Prod, cu ft.	24-hr Water Prod, bbls.	Gas-Oil Ratio ft/bbl	Ave Daily Oil Prod, bbls.	Ave Daily Gas Prod, cu ft.	Ave Daily Gas Inj., cu ft.	Ave Inj. Press, psi	Cum. Gas Inj., MCF	Est. Non Penal-ized Allow	Penal-ized Allow. For Hi GOR	Gas Inj. Credit Assigned To Well	Adj. Allow Each Well	Allo Tran From Othe Well
TOTALS																		

CERTIFICATE: I the undersigned, state that I am the_____of the_____(company), and that I am authorized by said co this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, an the best of my knowledge.

_____
SIGNATURE

GAS INJECTION PROJECT OPERATOR'S MONTHLY REPORT

Date_____
Normal Unit
Allowable Next Month, BPD_____
Total Gas Injected
Last Month, Cubic Feet_____

Most Recent Test (Last Month for Producing Wells)					Last Month											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Date of Test	24-hr Oil Prod, bbls.	24-hr Gas Prod, cu ft.	24-hr Water Prod, bbls.	Gas-Oil Ratio ft/bbl	Ave Daily Oil Prod, bbls.	Ave Daily Gas Prod, cu ft.	Ave Daily Gas Inj., cu ft.	Ave Inj. Press, psi	Cum. Gas Inj., MCF	Est. Non Penal-ized Allow	Penal-ized Allow. For Hi GOR	Gas Inj. Credit Assigned To Well	Adj. Allow Each Well	Allow Trans From Other Wells	Allow Trans To Other Wells	Final Allow: (Col 18 Plus 19 Minus Col 20)

Gas Inj. Oper. Monthly Report

signed, state that I am the_____of the_____(company), and that I am authorized by said company to make
s report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to

_____
SIGNATURE

PRESSURE MAINTENANCE PROJECT OPERATOR'S MONTHLY REPORT

Date_____
Top Unit Allowable For Pool Next Mo
Average Reservoir Pressure_____
Supercompressibility Factor_____
Gas Equivalent, Net Water Injected,

				Most Recent Test (Last Month for Producing Wells)					Production and Injection Last Month											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2
Well No.	Location U S T R	Inj. or Prod	Meth of Prod	Date of Test	24-hr Oil Prod, bbls.	24-hr Gas Prod, cu ft	24-hr Water Prod, bbls.	Gas-Oil Ratio, ft/bbl	Ave. Daily Oil Prod, bbls.	Ave. Daily Gas Prod, cu ft	Ave. Daily Gas Inj., cu ft	Ave. Daily Water Prod, bbls.	Ave. Daily Water Inj., bbls.	Ave. Inj. Press psi	Cum. Gas or Water Inj.	Est. Non Penalized Allow	Penalized Allow For Hi GOR	Gas Inj. Credit Assigned To Well	Adj. Allow Each Well	Al Tr Pr Ot We
TOTALS																				

CERTIFICATE: I, the undersigned, state that I am the_____ of the_____ (company), and that I am autho
company to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, co
complete to the best of my knowledge.

_____
SIGNATURE

PRESSURE MAINTENANCE PROJECT OPERATOR'S MONTHLY REPORT

Date_____
Top Unit Allowable For Pool Next Month, BPD_____
Average Reservoir Pressure_____
Supercompressibility Factor_____
Gas Equivalent, Net Water Injected, MCF_____

Most Recent Test (Last Month for Producing Wells)					Production and Injection Last Month													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Date of Test	24-hr Oil Prod, bbls.	24-hr Gas Prod, cu ft	24-hr Water Prod, bbls.	Gas-Oil Ratio, ft/bbl	Ave. Daily Oil Prod, bbls.	Ave. Daily Gas Prod, cu ft	Ave. Daily Gas Inj., cu ft	Ave. Daily Water Prod, bbls.	Ave. Daily Water Inj., bbls.	Ave. Inj. Press psi	Cum. Gas or Water Inj.	Est. Non Penalized Allow	Penalized Allow For Hi GOR	Gas Inj. Credit Assigned To Well	Adj. Allow Each Well	Allow Trans From Other Wells	Allow Trans To Other Wells	Final Allow: (Col 20 Plus 21 Minus Col 22)

Press. Maint. Oper. Monthly Rpt

signed, state that I am the_____of the_____(company), and that I am authorized by said
t; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and
knowledge.

_____
SIGNATURE

Form C-121
Revised (12/1/55)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico

CRUDE OIL PURCHASER'S NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission that Crude Oil Purchase Nominations be submitted not later than five days prior to said Commission's statewide proration hearing on nominations for the succeeding month, the undersigned purchaser's daily nomination for the month of....., 19....., is as follows:

1. All purchases from producing wells in all pools in Eddy, Lea, Chaves and Roosevelt Counties (1) . . . .Bbls./day

2. All purchases from producing wells in all pools in San Juan, McKinley and Rio Arriba Counties (1) . . . .Bbls./day

3. Total nomination for all producing wells in state . . . .Bbls./day

4. Additional purchases from all other sources to satisfy purchase requirements (2) . . . .Bbls. day

5. Total nominations . . . .Bbls. day

6. The total purchases from producing wells for the second month preceding date of this nomination was: Month ___ 19 ____ .....Bbls.

Dated this.....day of....., 19.....

Notes:
(1)- List Nominations by pools on Attached Sheet.
(2)- List Sources and Quantities on an attached sheet.

.....
(Name of Purchasing Company)

By:.....
(Name of Agent)

SWORN TO AND SUBSCRIBED Before me this the..... day of ..... 19 .

.....
Notary Public

C-121

NEW MEXICO
OIL CONSERVATION COMMISSION
BOX 871
Santa Fe, New Mexico

Form C-121-A

GAS PURCHASER'S PRELIMINARY NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission, that Gas Purchase Nominations be submitted not later than five days prior to said Commission's proration hearing on nominations for proration period beginning _____, for the _____ gas pool. The undersigned purchaser's nomination is as follows:

(Cross out months that do not apply)

January _____ MCF
February _____ MCF
March _____ MCF
April _____ MCF
May _____ MCF
June _____ MCF
July _____ MCF
August _____ MCF
September _____ MCF
October _____ MCF
November _____ MCF
December _____ MCF

Dated this _____ day of _____ 19____

_____
Name of Purchasing Company

_____
Address

BY: _____
Name of Agent

(Submit in duplicate to above address)

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

Pool:
Month:
Preliminary Nomination:

Gentlemen:

According to our records, your Preliminary Nomination for the purchase of gas next month from the subject pool was as indicated above.

Whether this figure still represents the quantity of gas which you desire to purchase in this pool, or whether your demand has increased or decreased and you now wish to purchase a different amount of gas, please complete the form at the bottom of this page and return it to this Commission as outlined below:

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.,
Secretary-Director

Acting in accordance with the request of the New Mexico Oil Conservation Commission that Gas Purchase Nominations be submitted not later than five days prior to said Commission's proration hearing on nominations for the succeeding month, the undersigned purchaser's nomination for the month of _____, 19____, for the_____Gas Pool is_____MCF.

Dated this_____day of_____,19_____.

_____
Purchasing Company

By_____
Its Agent

Sworn and subscribed to before me this the_____day of_____,19_____.

_____
Notary Public

My Commission Expires:

_____

4-63 dag

N[illegible] MEXICO OIL CONSERVATION COMMIS[illegible]ON

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool _____ Formation _____ County _____

Initial _____ Annual _____ Special _____ Date of Test _____

Company _____ Lease _____ Well No. _____

Unit _____ Sec. _____ Twp. _____ Rge. _____ Purchaser _____

Casing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____

Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____

Gas Pay: From _____ To _____ L _____ xG _____ -GL _____ Bar.Press. _____

Producing Thru: Casing _____ Tubing _____ Type Well _____
Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) Type Taps _____

	Flow Data					Tubing Data		Casing Data		
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h_w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	Duration of Flow Hr.
SI										
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

P_c _____ $(1-e^{-s})$ _____ P_c _____ P_c^2 _____

No.	P_w P_t (psia)	P_t^2	F_cQ	$(F_cQ)^2$	$\frac{(F_cQ)^2}{(1-e^{-s})}$	P_w^2	$P_c^2-P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

Absolute Potential: _____ MCFPD; n _____

COMPANY _____

ADDRESS _____

AGENT and TITLE _____

WITNESSED _____

COMPANY _____

REMARKS

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

Q = Actual rate of flow at end of flow period at W. H. working pressure (P_w). MCF/da. @ 15.025 psia and 60° F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_w = Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia

P_f = Meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor.

F_t = Flowing temperature correction factor.

F_{pv} = Supercompressability factor.

n = Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t.

Form C-122-A

Revised April 20, 1955

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool _____ Formation _____ County ____

Purchasing Pipeline _____ Date Test Filed _____

Operator _____ Lease _____ Well No. _____

Unit _____ Sec. _____ Twp. _____ Rge. _____ Pay Zone: From _____ To _____

Casing: OD _____ WT. _____ Set At _____ Tubing: OD _____ WT. _____ T. Perf. _____

Produced Through: Casing _____ Tubing _____ Gas Gravity: Measured _____ Estimated _____

Date of Flow Test: From _____ To _____ * Date S.I.P. Measured _____

Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

Flowing casing pressure (Dwt) _____	psig + 12 = _____	psia	(a)
Flowing tubing pressure (Dwt) _____	psig + 12 = _____	psia	(b)
Flowing meter pressure (Dwt) _____	psig + 12 = _____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading _____	psig + 12 = _____	psia	(d)
Square root chart reading (_____)^2 x spring constant _____	= _____	psia	(d)
Meter error (c) - (d) or (d) - (c) ±	= _____	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	= _____	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading _____	psig + 12 = _____	psia	(g)
Square root chart average reading (_____)^2 x sp. const. _____	= _____	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= _____	psia	(h)
P_t = (h) + (f)	= _____	psia	(i)
Wellhead casing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(k)
P_c = (j) or (k) whichever well flowed through	= _____	psia	(l)
Flowing Temp. (Meter Run) _____ °F + 460	= _____	°Abs	(m)
P_d = ½ P_c = ½ (l)	= _____	psia	(n)

FLOW RATE CALCULATION

$$Q = \text{_____ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \text{_____} = \text{_____} \right)^{n} = \text{_____ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \text{_____} \left[\frac{\left(P_c^2 - P_d^2\right) = \text{_____}}{\left(P_c^2 - P_w^2\right) = \text{_____}} \right]^{n} \text{_____} = \text{_____ MCF/da.}$$

SUMMARY

P_c = _____ psia

Q = _____ Mcf/day

P_w = _____ psia

P_d = _____ psia

D = _____ Mcf/day

Company _____

By _____

Title _____

Witnessed by _____

Company _____

* This is date of completion test.

** Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

* GL	$(1-e^{-s})$	$(F_cQ)2$	$\frac{(FcQ)^2 \quad (1-e^{-s})}{R^2}$	$\frac{Pt^2}{\text{(Column i)}}$	$P_t^2 + R^2$	P_w

Form C-122-A
Revised April 20, 1958

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool _____ Formation _____ County _____

Purchasing Pipeline _____ Date Test Filed _____

Operator _____ Lease _____ Well No. _____

Unit _____ Sec. _____ Twp. _____ Rge. _____ Pay Zone: From _____ To _____

Casing: OD _____ WT. _____ Set At _____ Tubing: OD _____ WT. _____ T. Perf. _____

Produced Through: Casing _____ Tubing _____ Gas Gravity: Measured _____ Estimated _____

Date of Flow Test: From _____ To _____ * Date S.I.P. Measured _____

Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

Flowing casing pressure (Dwt)	psig + 12 =	psia	(a)
Flowing tubing pressure (Dwt)	psig + 12 =	psia	(b)
Flowing meter pressure (Dwt)	psig + 12 =	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading	psig + 12 =	psia	(d)
Square root chart reading (_____)^2 x spring constant	=	psia	(d)
Meter error (c) - (d) or (d) - (c)	± =	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	=	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading	psig + 12 =	psia	(g)
Square root chart average reading (_____)^2 x sp. const.	=	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	psia	(h)
P_t = (h) + (f)	=	psia	(i)
Wellhead casing shut-in pressure (Dwt)	psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	psia	(l)
Flowing Temp. (Meter Run) _____ °F + 460	=	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{____} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = ____ = ____ \right)^{\bullet} = ____ \text{MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q ____ \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{____}{____} \right]^n ____ = ____ \text{MCF/da.}$$

SUMMARY

P_c = _____ psia
Q = _____ Mcf/day
P_w = _____ psia
P_d = _____ psia
D = _____ Mcf/day

Company _____
By _____
Title _____
Witnessed by _____
Company _____

• This is date of completion test.

• Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(F_cQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL POTENTIAL TEST DATA SHEET FORM C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manuel of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL_____ FORMATION_____

COUNTY_____ DATE WELL TESTED_____

OPERATOR_____ LEASE_____ WELL NO._____

¼ SECTION:_____ UNIT LETTER_____ SEC._____ TWP._____ RGE._____

CASING_____.____" O.D. SET AT_____ TUBING____.____" WT._____ SET AT_____

PAY ZONE: FROM_____ TO_____ GAS GRAVITY: MEAS._____ EST._____

TESTED THROUGH: CASING_____ TUBING_____

TEST NIPPLE_____ I.D. TYPE OF GAUGE USED_____
(Spring) (Monometer)

OBSERVED DATA

SHUT IN PRESSURE: CASING_____ TUBING_____ S. I. PERIOD_____

TIME WELL OPENED:_____ TIME WELL GAUGED:_____ IMPACT PRESSURE:_____

VOLUME (Table I) .. .. _____(a)

MULTIPLIER FOR PIPE OR CASING (Table II) .. .. _____(b)

MULTIPLIER FOR FLOWING TEMP. (Table III) .. .. _____(c)

MULTIPLIER FOR SP. GRAVITY (Table IV) .. .. .. _____(d)

AVE. BAROMETER PRESSURE AT WELLHEAD (Table V) .. _____

MULTIPLIER FOR BAROMETRIC PRESSURE (Table VI) .. _____(e)

INITIAL POTENTIAL, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) =_____

WITNESSED BY:_____ TESTED BY:_____
COMPANY:_____ COMPANY:_____
TITLE _____ TITLE:_____

NEW MEXICO OIL CONSERVATION COMMISSION
One-point Back Pressure Test for Gas Wells
(Deliverability)

Form C-122-C
4-1-54

Pool _____ Formation _____ County _____
Initial _____ Annual _____ Special _____ Date of test _____
Company _____ Lease _____ Well No. _____
Unit _____ Sec. _____ Twp. _____ Rge. _____ Purchaser _____
Casing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
Gas Pay: From _____ To _____ L _____ x G _____ = GL _____ Bar.Press. 13.2
Producing Thru: Casing _____ Tubing _____ Type Well _____
Single- Bradenhead-G.G. or G.C. Dual

FLOW DATA

Started		Taken		Duration Hours	Type Taps	Line Size	Orfice Size	Static Press.	Differ-ential	Flow Temp.
Date	time	Date	time							
	AM		AM							
	PM		PM							

FLOW CALCULATIONS

Static Pressure p_f	Differ-ential h_w	Meter Extension $\sqrt{p_f h_w}$	24-Hour Coeff-icient	Gravity Factor F_g	Temp. Factor F_t	Compress-ability F_{pv}	Rate of Flow MCF/Da. @ 15.025 psia Q

SHUT-IN DATA

Shut-in		Press. Taken		Duration Hours	Wellhead Pressure (P_c) psia		W.H. Working Pressure (P_w) and (P_t) psia	
Date	Time	Date	Time		Tubing	Casing	Tubing	Casing
	AM		AM					
	PM		PM					

FRICTION CALCULATIONS(if necessary)

SUMMARY

P_c = _____ psia
Q = _____ MCF/Da.
P_w = _____ psia
P_d = _____ psia
D = _____ MCF/Da.

DELIVERABILITY CALCULATIONS

P_w _____ P_c _____ $P_w + P_c$ _____

$1 - \frac{P_w}{P_c}$ _____ $1 + \frac{P_w}{P_c}$ _____ $\left(1 - \frac{P_w}{P_c}\right)\left(1 + \frac{P_w}{P_c}\right) = M$ _____

.36 + M _____ Log _____ x (n) _____ = _____ +

COMPANY _____ Log Q = _____
ADDRESS _____
AGENT and TITLE _____ Log D = _____
WITNESSED _____
COMPANY _____ Anti-log _____ = _____ = D

REMARKS

This form is to be used for reporting deliverability tests in the designated Dry Gas Pools of Lea County as ordered by New Mexico Oil Conservation Commission Directive dated March 15, 1954, which directive was provided for by Orders R-365-A through R-376-A. For details regarding this test please refer to the above mentioned Directive.

NOMENCLATURE

Q = Actual flow at end of flow period at W. H. working pressure (P_w). MCF/da. @ 15.025 psia and 60° F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_d = Deliverability pressure; 80 % of 72 hour individual wellhead shut-in pressure (P_c). psia

P_w = Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing). psia

D = Deliverability at Deliverability pressure (P_d) MCF/da. @ 15.025 psia and 60° F.

p_f = Static meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor.

F_t = Flowing temperature correction factor.

F_{pv} = Supercompressability factor.

n = Slope of back pressure curve.

DELIVERABILITY FORMULA

$$D = Q \left[\frac{.36}{\left(1 - \frac{P_w}{P_c}\right)\left(1 + \frac{P_w}{P_c}\right)} \right]^n$$

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t.

(Form C-123)
(Revised 7/1/52)

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
State of New Mexico

Date....., 19.....

The.....
Name of Operator Name of Lease

.....Located.....feet from the.....line and.....feet
Well No.

from the.....line of..... ....
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted herewith on form C-105, we hereby request that the.....

pool be extended to include the following described area.....

.....

or that a new pool be created to include the following described area.....

.....

Suggested name: .....

.....
Operator

Name of Producing Formation:.....

....
Representative

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

C-124

COMPANY_____ BOTTOM HOLE PRESSURES _____POOL

POOL DATUM_____NOMINAL SHUT-IN TIME_____HRS: AVERAGE POOL TEMPERATURE_____F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

COMPANY_____

GAS WELL SHUT-IN PRESSURE REPORT

FORM C-125

~~SEMI ANNUAL 24 HOUR~~ SHUT-IN PRESSURES ON GAS WELLS

_____POOL

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MIN.	S.I. PRESSURE PSIG (DWT)	S.I. PRESSURE PSIA	PREVIOUS TEST PRESS. DATE

C-125

Form C-126

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

PERMIT FOR TRANSPORTING RECOVERED LOAD OIL

(This form is to be used only when the load oil was obtained from a source other than the lease on which it was used.)

_____
Company & Address

_____
Date

Permission is hereby requested for the running of _____ bbls of load oil

by _____ (Transporter). This oil was recovered from our _____ (Lease)

_____ (Well No.) _____ (S - T - R) _____ (Pool) on

_____ (Date), after being used for _____

_____
Source of Load Oil (Fill in appropriate spaces below)

_____ bbls of oil were transferred for this purpose from the

_____ (Lease) _____ (Pool) and the transfer was report-
ed by letter to the Commission dated _____ in compliance with Rule 1109 (b).

_____ bbls of oil were obtained for this purpose from _____

_____
Source

on _____.

Approved: Oil Conservation Commission

_____

_____ (Title) _____ (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

_____
Name

_____
Position

_____
Address

Form C-127
(Revised 12-1-55)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OIL PRODUCERS NOMINATION

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____ 19____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing _____ Signed_____

_____ Title_____
Operator

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.

Unit Letter	Section	Township	Range	County

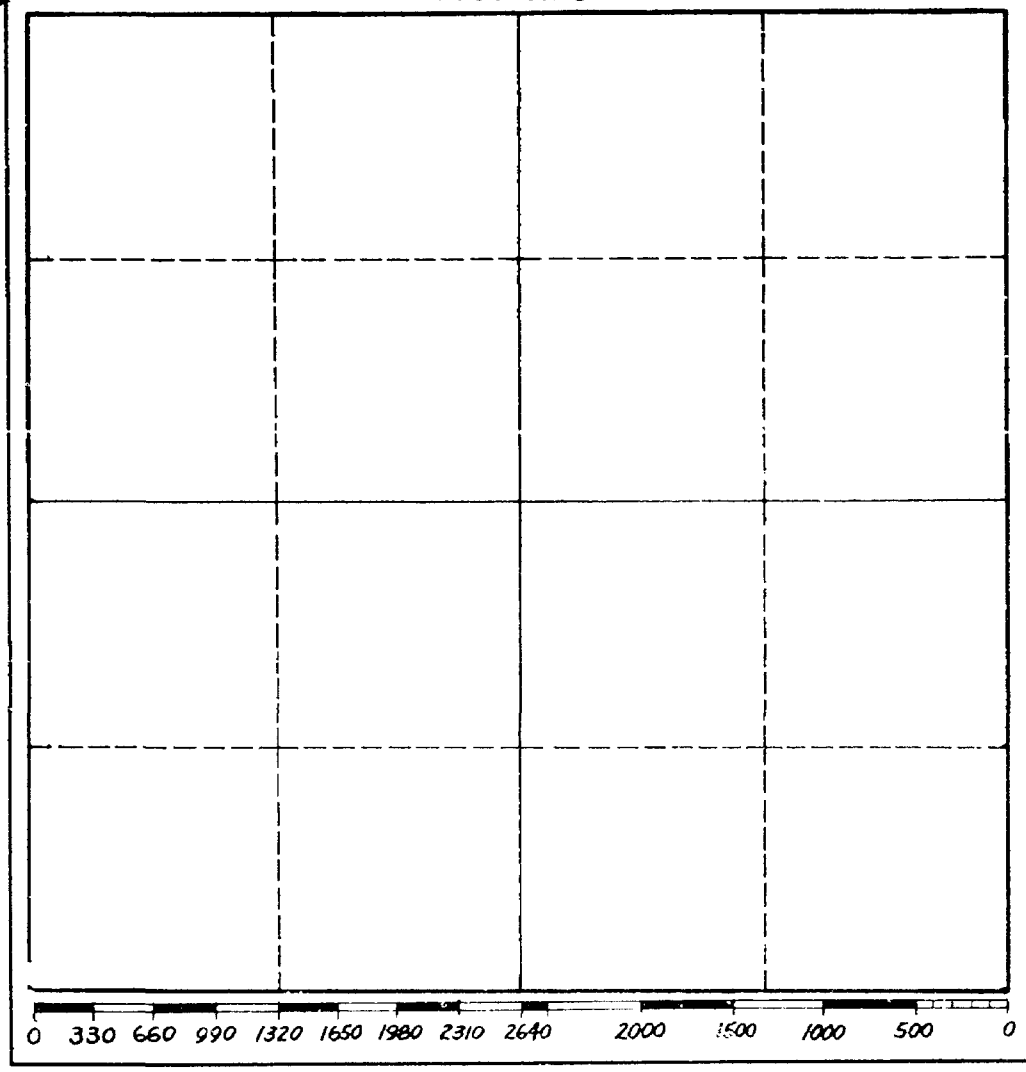
Actual Footage Location of Well:
feet from the line and feet from the line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
			Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____ . *("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)*
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES_____ NO _____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in *SECTION A* above is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on the plat in *SECTION B* was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

C - 12[illegible]

Certificate No.

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.

2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.

3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.

4. All distances shown on the plat must be from the outer boundaries of the Section.

5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

Revised 9 16 58

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator _____ Address _____

Lease _____ Well No. _____ County _____

Unit _____ Section _____ Township _____ Range _____

This is an application to dispose of salt water produced from the following pool(s):

_____

Name of Injection Formation(s): _____

Top of injection zone: _____ Bottom of injection zone: _____
Give operator, lease, well no., and location of any other well in this area using this same

zone for disposal purposes: _____

_____

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface				
Intermediate				
Long String				

Will injection be through tubing, casing, or annulus? _____

Size tubing: _____ Setting depth: _____ Packer set at: _____

Name and Model No. of packer: _____

Will injection be through perforations or open hole? _____

Proposed interval(s) of injection: _____

Well was originally drilled for what purpose? _____

Has well ever been perforated in any zone other than the proposed injection zone? _____

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

_____

Give depth of bottom of next higher zone which produces oil or gas: _____

Give depth of top of next lower zone which produces oil or gas: _____

Give depth of bottom of deepest fresh water zone in area: _____

Expected volume of salt water to be injected daily (barrels): _____

Will injection be by gravity or pump pressure? _____ Estimated pressure: _____

Is system open or close type? _____ Is filtration or chemical treatment necessary? _____

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

List all offset operators to the lease on which this well is located and their mailing address

_____

_____

_____

_____

_____

Name and address of surface owner _____

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? _____

Is a complete electrical log of this well attached? _____

Operator: _____

By: _____

Title: _____

STATE OF _____)
) ss.
County of _____)

BEFORE ME, The undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the _____ day of _____, 19_____.

_____
Notary Public in and for the County of _____ _____

_____
My Commission Expires

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

ir/

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES_____ NO_____

2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please mark YES or NO)

_____ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

_____ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

_____ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

_____ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

_____

_____

_____

_____

_____

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ___ NO ___ . If answer is yes, give date of such notification _____

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

_____
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF_____)
)ss
County of_____)

_____, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by_____in the capacity of_____and as such is its authorized agent.

That on_____, 19____, he personally supervised the setting of a_____in_____'s
(Make and Type of Packer) (Operator)
_____Well No._____, located in Unit
(lease)
Letter_____, Section_____, Township_____, Range_____, NMPM,
_____County, New Mexico.

That said packer was set at a subsurface depth of _____feet, said depth measurement having been furnished by_____.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Company)

_____
(its Agent)

Subscribed and sworn to before me this the_____day of_____,AD, 19_____.

_____
Notary Public in and for the County of_____.

My Commission Expires_____.

This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator			Lease			Well No.
Location of Well	Unit	Sec	Twp	Rge	County	

	Name of Reservoir or Pool	Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl					
Lower Compl					

FLOW TEST NO. 1

Both zones shut-in at (hour, date):_____

	Upper Completion	Lower Completion
Well opened at (hour, date):		
Indicate by (X) the zone producing		
Pressure at beginning of test		
Stabilized? (Yes or No)		
Maximum pressure during test		
Minimum pressure during test		
Pressure at conclusion of test		
Pressure change during test (Maximum minus Minimum)		
Was pressure change an increase or a decrease?		

Well closed at (hour, date):_____ Total Time On Production_____

Oil Production During Test:_____bbls; Grav._____; Gas Production During Test_____MCF; GOR_____

Remarks_____

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
Indicate by (X) the zone producing		
Pressure at beginning of test		
Stabilized? (Yes or No)		
Maximum pressure during test		
Minimum pressure during test		
Pressure at conclusion of test		
Pressure change during test (Maximum minus Minimum)		
Was pressure change an increase or a decrease?		

Well closed at (hour, date)_____ Total time on Production_____

Oil Production During Test:_____bbls; Grav._____; Gas Production During Test_____MCF; GOR_____

Remarks_____

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved_____19_____
New Mexico Oil Conservation Commission

By_____

Title_____

Operator_____

By_____

Title_____

Date_____

2. At least [illegible] prior to the [illegible] of the [illegible] the operator shall [illegible]

3. The [illegible] leakage test shall [illegible] one of two hours thereafter, provided [illegible] shall not be more than 24 hours.

4. No flow test [illegible] of the leak [illegible] at the normal rate of production while the [illegible] stabilized and for a minimum of [illegible] that the flow test need not continue for more than 24

[illegible] the first [illegible] [illegible] will all the [illegible] for [illegible] of [illegible] a pressure versus [illegible] a [illegible] all pressure [illegible] as well as all dead- [illegible] the pressure curve is sub- [illegible] yield, the operator s [illegible] Gasket Leakage Test Form [illegible] gas out ratio test period.

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator _____ Lease _____ Well No. _____

Location of Well: Unit ____ Sec. ____ Twp. _____ Rge. _____ County _____

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion				
Lower Completion				

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* | Zone producing (Upper or Lower):

Time (hour, date)	Lapsed time since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)** | Zone producing (Upper or Lower):

Time (hour, date)	Lapsed time since **	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

REMARKS: _____

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Operator _____

Approved: _____ 19____
New Mexico Oil Conservation Commission

By _____

By _____

Title _____

Title _____

Date _____

[illegible]

[illegible]

[illegible]

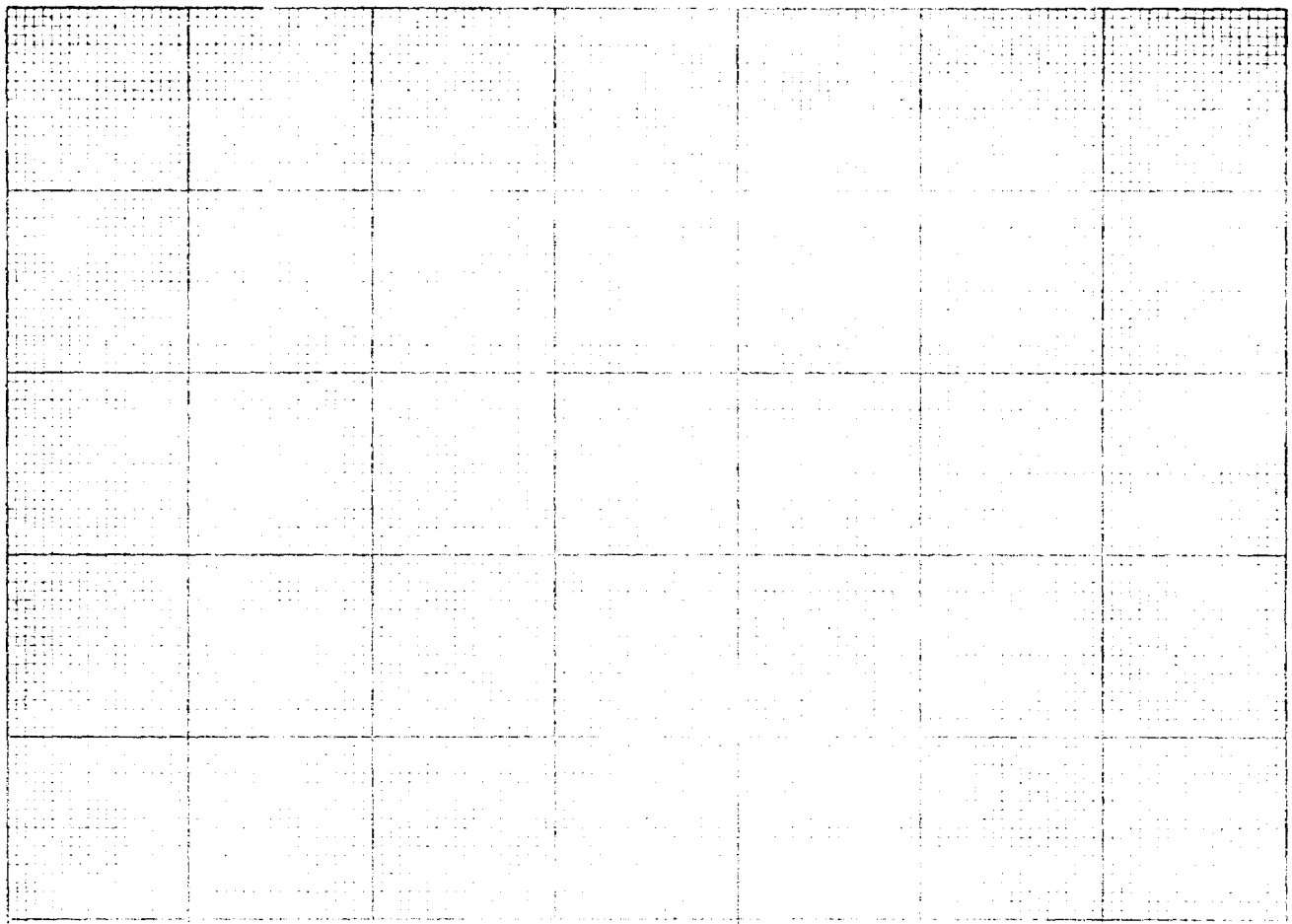
4. For Flow Test No. 1 [illegible] leakage test, a gun acts to being flowed to the atmosphere [illegible] for all Zones in the [illegible] Note: [illegible]

5. Following [illegible] in accordance with paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. [illegible] as for Flow Test No. 1 except that the previously produced zone shall be main shut-in while the zone [illegible]

[illegible]

[illegible] shall be [illegible] with [illegible] determination on [illegible] 3.38, with all [illegible] flowing temperatures [illegible] only). A pressure versus [illegible] plotted on the reverse [illegible] straight pressure points [illegible] pressure curve should also [illegible] may be reflected by the recording [illegible] will also be tabulated on the [illegible]



OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE _____

This is to notify the Oil Conservation Commission that connection for the purchase of gas from the _____ (Operator), _____ (Lease), _____ (Well Unit), _____ (S.T.R.), _____ (Pool), _____ (Name of Purchaser) was made on _____

_____
Purchaser

_____
Representative

_____
Title

cc: To operator
Oil Conservation Commission - Santa Fe

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

AFFIDAVIT OF RESPONSIBILITY
CONVERSION TO WATER-WELL

STATE OF _____)
County of _____) ss.

_____, being first duly sworn according to law, upon his oath deposes and says:

1. That he is _____ of _____
(Title) (Operator)
whose address is _____.

2. That _____ is the operator of a well drilled on land be-
(Operator)
longing to _____, whose address is _____
(Landowner)
_____, said well being drilled to test for hydrocarbons and/or carbon dioxide gas and described as the _____ No. _____, being located _____ feet from the _____ line and _____ feet from the _____ line of Section _____, Township _____ _____, Range _____, NMPM, _____ County, New Mexico.

3. That said well was drilled to a total depth of ____ feet, and that casing has been set and cemented as follows:

4. That operator and landowner have made an agreement whereby operator (is) (is not) to back fill pits, level location, and clear it of all junk. The agreement further provides that operator is to plug said well back to a plugged-back total depth of _____ feet and transfer well to landowner for his use as a water-well. Operator will leave casing in the well as follows:

5. That when operator has complied with the provisions of Paragraph 4 above it will so notify the Oil Conservation Commission of the State of New Mexico on Commission Form C-103, together with a signed statement from the landowner that the provisions of Paragraph 4 above have been complied with to his satisfaction.

_____
(Operator)

By _____

Subscribed and sworn to before me this ____ day of _____, A. D. 19 _____.

_____
Notary Public in and for the County of _____

STATE OF _____)
ss.
County of _____)

_____, being first duly sworn according to law, upon his oath deposes and says that when the provisions of Paragraphs 4 and 5 above have been complied with, he will accept the above-described well for his use as a water-well, and that he will assume all responsibility for the well, the location, and the conversion of the well to a water-well.

_____
(Landowner)

Subscribed and sworn to before me this ____ day of _____, A. D. 19_____.

_____
Notary Public in and for the County of _____

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

DRIP DISPOSITION REPORT

REPORT OF _____ Date _____

ADDRESS _____

Drip Trap Number *	Disposition of Drip **	Authorized Collector of Drip, if any

I hereby certify that this report is true and complete to the best of my knowledge.

COMPANY _____

By _____

Title _____

* As identified on accompanying map.
** State whether drip is being salvaged or not.

RESERVOIR DATA

State..... District..... County ..... Field .....

Reservoir ..... Pressure Base 15.025 psia. Depth .....

Date of Estimate .....

GAS COMPUTATIONS

1. Type Reservoir .....
2. Ave. Porosity % .....
3. Ave. Connate Water % .....
4. Void Space / Ac. Ft. (Cu. ft.) .....
5. Reservoir Pressure, psia .....
6. Atmospheres at 14.65 psia .....
7. Reservoir Temperature °F. .....
8. Temperature Correction .....
9. Z factor .....
10. Recovery factor % .....
11. Recovery Cu. Ft. / Ac.-ft. .....
12. Ave Net Pay Thickness, Ft. .....
13. Proved Acres .....
14. Productive Acre-foot .....

GAS RESERVE—MCF

15. Ultimate Recovery .....
16. Gas Prod. W / oil .....
17. Gas Prod. by Gas Wells .....
18. Total Gas Production .....
19. Cumulated Gas Production .....
20. Future Reserve .....

LIQUID RESERVES—BBLS.

21. Current Yield Bbls. / MMCF .....
22. Future Yield Bbls. / MMCF .....
23. Ultimate Yield Bbls. / MMCF .....
24. Ultimate Production .....
25. Production for Year .....
26. Cumulated Production .....
27. Future Reserves .....

NEW MEXICO OIL CONSERVATION COMMISSION

CASING LEAK SURVEY FOR QUARTER ENDING _____

OPERATOR_____ POOL_____ DATE_____

If casing leak is indicated, form C-102 outlining proposed remedial work must be filed within 10 days of the test date unless an extension of time is granted by the District Supervisor.

LEASE	WELL UNIT	S.T.R.	DATE TESTED	PRESSURES					Is Leak Indicated?	REMARKS: BLOWDOWN TIME, FLUIDS AND OTHER PERTIN
				Sur-Int.	Int-Oil		Oil-Tube	Tubing		

I hereby certify that the information given is true and complete to the best of my knowledge.

_____
Company or Operator

Address_____

Signed_____ Tested by_____

Position_____ Witnessed by_____

Casing Leak Survey Rpt.

NEW MEXICO OIL CONSERVATION COMMISSION

CASING LEAK SURVEY FOR QUARTER ENDING _____

_____ POOL _____ DATE _____

ing leak is indicated, form C-102 outlining proposed remedial work must be filed within 10 days of the ate unless an extension of time is granted by the District Supervisor.

LL IT	S.T.R.	DATE TESTED	PRESSURES					Is Leak Indicated?	REMARKS: BLOWDOWN TIME, GAS OR FLUIDS AND OTHER PERTINENT INFORMATION.
			Sur-Int.	Int-Oil		Oil-Tube	Tubing		

information given is best of my knowledge.

_____ Signed _____ Tested by _____

rator

_____ Position _____ Witnessed by _____

NOTICE

New Mexico Oil Conservation Commission

TO WHOM IT MAY CONCERN:

THIS WELL, LOCATED IN SECTION ....., T....., R....., COUNTY OF

.....IS HEREBY ORDERED TO CEASE ALL DRILLING-PRODUCTION ACTIVITY FOR FAILURE OF THE OPERATOR TO COMPLY WITH THE RULES AND REGULATIONS OF THE NEW MEXICO OIL CONSERVATION COMMISSION. THIS WELL IS TO REMAIN SHUT DOWN AND ALL OPERATIONS MUST BE SUSPENDED UNTIL THE REGULATIONS OF THE COMMISSION HAVE BEEN COMPLIED WITH AND WRITTEN PERMISSION GRANTED TO RESUME OPERATIONS.

ANY VIOLATION OF THIS ORDER BY ANY PERSON OR PERSONS IS PUNISHABLE BY FINE AND COURT ACTION AS PROVIDED BY LAW UNDER THE STATE OIL CONSERVATION ACT OF 1935, SUCH FINE NOT TO EXCEED ONE THOUSAND ($1,000.00) DOLLARS PER DAY FOR EACH AND EVERY DAY OF SUCH VIOLATION AND FOR EACH AND EVERY ACT OF VIOLATION.

Date.....

By.....
Oil Commission Representative

Office.....

A. L. PORTER, JR.
DIRECTOR AND STATE GEOLOGIST

Notice to Suspend Activity

R-2761

Case 3028

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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well UNIT LETTER ____ LOCATED ____ FEET FROM THE ____ LINE AND ____ FEET FROM THE ____ LINE OF SEC. ____ TWP. ____ RGE. ____ NMPM

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed ____ *Title* ____ *Date* ____

(This space for State Use)

APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 1
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

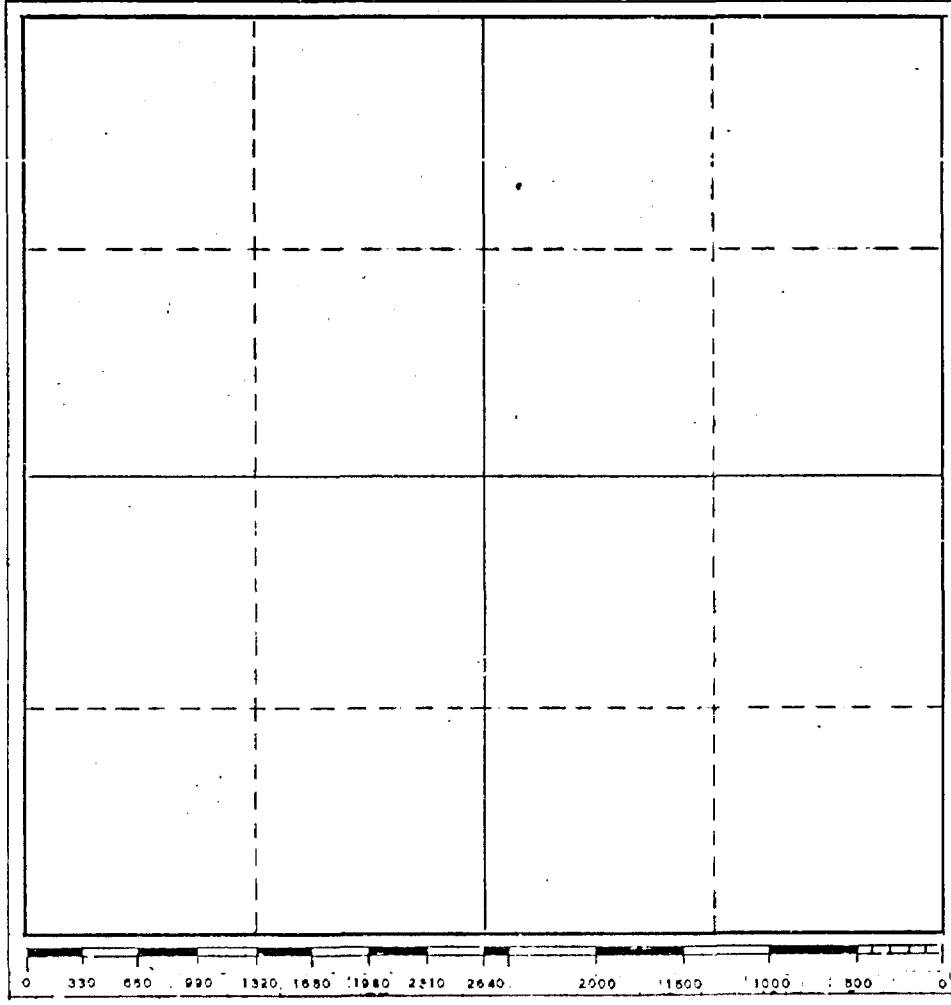
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Exhibit 2

Order No. R-276

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-105
Supersedes Old C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☐ Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐			COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	CHANGE PLANS	☐	CASING TEST AND CEMENT JOB	☐		
OTHER	☐			OTHER	☐		

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 3

Order No. R-2761

OIL		
TRANSPORTER OIL		
GAS		
OPERATOR		
PRORATION OFFICE		

AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator

Address

Reason(s) for filing *(Check proper box)*				Other *(Please explain)*
New Well	☐	Change in Transporter of:		
Recompletion	☐	Oil ☐	Dry Gas ☐	
Change in Ownership	☐	Casinghead Gas ☐	Condensate ☐	

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease (State, Federal or Fee)

Location

Unit Letter _____ ; _____ Feet From The _____ Line and _____ Feet From The _____

Line of Section _____, Township _____ Range _____, NMPM, _____ County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address *(Give address to which approved copy of this form is to be sent)*
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address *(Give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

_____
(Signature)

_____
(Title)

_____
(Date)

Exhibit 4
Order No. R-2761

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☐ Fee ☐

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

Exhibit 5
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Form C-106
4-28-61

ACT Permit No. _____

Operator _____ Field _____

Address _____ County _____

Lease(s) to be served by this ACT Unit _____

Pool(s) to be served by this ACT Unit _____

Location of ACT System: Unit _____ Section _____ Township _____ Range _____

Order No. authorizing commingling between leases if more than one lease is to be served by this

System _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system

_____ Date _____

Authorized transporter of oil from this system _____

Transporter's address _____

Maximum expected daily through-put for this system: _____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by:

CHECK ONE

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of RULE 309-A

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If "A" above is checked, will flowing wells be shut-in at the header manifold or at the wellhead?

_____; Maximum well-head shut-in pressure _____

If "B" above is checked, how much storage capacity is available above the normal high working level of the surge tank _____ BBLS.

What is the normal maximum unattended time of lease operation? _____ Hours.

What device will be used for measuring oil in this ACT unit?

CHECK ONE

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; describe _____

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with RULE 309-A.

Approved, Oil Conservation Commission

By _____ Title _____

Title _____ Date _____

By _____

Approval of Form C-106 does not eliminate the necessity of an approved C-104 prior to running any oil or gas from this system.

Exhibit 6

Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pool's or in the same zones within one mile of the subject well? YES_____ NO_____

2. If answer is yes, identify one such instance: Order No._____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please check YES or NO)

Yes	No	
☐	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☐	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☐	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

_____

_____

_____

_____

_____

_____

6. Were all operators listed in item 5 above notified and furnished a copy of this application? YES_____ NO_____. If answer is yes, give date of such notification _____.

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Exhibit 7
Order No. R-2761

_____
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY
LOCATION UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION
IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH		

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —		WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?	

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Exhibit 8
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
GAS PURCHASERS MONTHLY REPORT

Form C-111 Sheet No. 1
Supersedes old Form C-111 & C-114
Effective 1-1-65

Operator and Address	Plant	Month

REPORT ALL VOLUMES OF GAS IN MCF AT 15.025 PSIA AND 60°F

SECTION I – Volume of Gas Taken	VOLUME – MCF
Total Gas From Oil Wells (Detail on Sheet 2)	
Total Gas From Gas Wells (Detail on Sheet 2)	
Total Gas From Other Sources (Detail on Sheet 2)	
TOTAL TAKES	
Gasoline or Other Extraction Plant Only:	
Deduct Volume That By-Passed Plant and Was Not Processed	
TOTAL PLANT INPUT	

SECTION II – Disposition		ITEM	UNPROCESSED GAS VOLUME MCF	ITEM	PLANT RESIDUE
Lease Use	Detail Below	a.		h.	
Gas Drilling Operation	" "	b.		i.	
Gas Lift	" "	c.		j.	
Fuel System	" "	d.		k.	
Returned to Lease For Fuel	" "	e.		l.	
Returned to Earth	" "	f.		m.	
Sold or Other Disposition	" "	g.		n.	
Plant Fuel					
Vented					
Shrinkage					
Totals					
GRAND TOTAL – ALL DISPOSITION					

SECTION III – Detail of Disposition *(Show each individual disposition of items above.) (Attach additional sheets if necessary)*

ITEM	NAME AND ADDRESS OF PURCHASER OR USER	USED FOR	VOLUME – MCF

SECTION IV – Plant Production, Receipts, Deliveries, and Stock in Barrels of 42 U.S. Gallons.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

Remarks: _____

Signature _____ Title _____ Date _____

Exhibit 9
Order No. R-2761

Form C-111
Sheet No. 2
Supersedes Old C-111 and C-114
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASER'S MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)

PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

Exhibit 9-A
Order No. R-2761

Form C-115
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
			TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

Exhibit 10
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

Revised 1-1-65
Sheet No. 1

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Distillates							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS
(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Exhibit 11
Order No. R-2761

Form C-113
Sheet No. 2
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

Exhibit 11-A
Order No. R-2761

STATEWIDE FORM C-115 REV. 10-1-60
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

(Company or Operator) _____ (Address) _____ FOR MONTH OF _____ Page ____ of ____

WELL NO. UNIT SEC. TWP. RNG. / POOL NAME (UNDERLINE)	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS						DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		

Exhibit 12
Order No. R-2761

STATUS CODE
F------FLOWING
P------PUMPING
G------GAS LIFT
S------SHUT IN
T------TEMP. ABANDONED
I------INJECTION

"OTHER" GAS DISPOSITION CODE
X - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
D - - - - USED FOR DRILLING }
G - - - - GAS LIFT
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AN... COMPLETE TO THE BEST OF MY KNOWLEDGE.

_____ (SIGNATURE) _____ (DATE)

_____ (POSITION)

NE[illegible]EXICO OIL CONSERVATION COMMISSION
BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

WATERFLOOD FORM C-115-EDP
(Submit ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

(Company or Operator) (Address) (Unit) (Pool)

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS							DISPOSITION OF OIL						
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	GAS LIFT	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO PIPELINE	BARRELS TO TRUCKS	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (B.S.&W.)
E - - - - EXPLANATION ATTACHED

"OTHER" GAS DISPOSITION CODE
S - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
D - - - - USED FOR DRILLING }
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(POSITION)

Exhibit 13
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

GAS – OIL RATIO TESTS

C-116
Revised 1-1-65

Operator	Pool	County
Address	TYPE OF / TEST – (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS M.C.F.	GAS – OIL RATIO CU.FT./BBL.

Exhibit 14
Order No. R-2761

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Form C-117A
1-1-59

NEW MEXICO OIL CONSERVATION COMMISSION
SEDIMENT OIL DESTRUCTION PERMIT

Operator _____ hereby requests authority

to destroy the following described sediment oil: _____

Name of lease _____

Location of lease _____

Type of sediment oil (Pit oil, tank bottoms, etc.) _____

Estimated gross volume, barrels _____

Reason why sediment oil cannot be salvaged: _____

Operator _____

By _____

Title _____

Date _____

Approved _____ 19____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 15
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-117-B
1-1-59

SEDIMENT OIL RECOVERY PERMIT

Permit Number _____

Date _____

Oil Conservation Commission
State of New Mexico

Gentlemen:

We the undersigned hereby request authority to remove the following described sediment oil from the lease for purposes of reclamation. It is understood that any merchantable oil derived from said sediment oil will be charged against the allowable for wells on the subject lease.

Name of lease _____

Location of lease _____

Type of sediment oil (Tank bottoms, Pit oil, etc.) _____

Estimated gross volume, Barrels _____

Sediment oil to be transported to: (Name and location of treating plant) _____

_____

_____

Remarks: _____

_____

_____

_____

_____

_____

Yours very truly,

Lease Operator _____ Oil Transporter _____

By _____ By _____

Title _____ Title _____

Date _____ Date _____

Approved _____ 19_____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 16
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

TREATING PLANT OPERATOR'S MONTHLY REPORT

Revised 1-1-59
Sheet 1

Report of _____ Month of _____

Address _____
(Street) (City) (State)

TOTAL STOCKS PIPELINE OIL BEGINNING OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

TOTAL PIPELINE OIL RECOVERED (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

DELIVERIES PIPELINE OIL (Attach additional sheets if necessary)		
FROM	TO	BARRELS
	TOTAL ALL PLANTS	

TOTAL STOCKS PIPELINE OIL END OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

Exhibit 17
Order No. R-2761

I hereby certify that this report is true and complete to the best of my knowledge and belief.

NAME OF TREATING PLANT OPERATOR _____

By _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

PIPELINE QUALITY OIL RECOVERED BY TREATING PLANTS

(Revised 1-1-59)
Sheet 1A

PERMIT NUMBER	LEASE OPERATOR	LEASE NAME	GROSS VOLUME SEDIMENT OIL	NET BBLS. P.L. OIL RECOVERED

Exhibit 17-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-119
Revised 1-1-65

CARBON BLACK PLANT REPORT

Month

Operator		
Plant Name		Process
County	Field	
Date	Rated Capacity—MCF Gas Daily	Recovery/MCF

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR. PER 100 CU. FT.	MTHLY. VOL. MCF.
1.					
2.					
3.					
4.					
5.					
TOTAL					
Estimated Average B.T.U.					

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Exhibit 18
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

MONTHLY INJECTION REPORT

(Revised 5-1-60)

Submit this report in triplicate to the District Office, Oil Conservation Commission.

Company _____ Pool _____

County _____ Month _____

INJECTION WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	MCF GAS INJECTED	CUMULATIVE GAS INJ.	BBLS. WATER INJECTED	CUMULATIVE WATER INJ.	AVG. INJ. PRESSURES
TOTAL										

PRODUCING WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	BBLS. OIL PRODUCED	MCF GAS PRODUCED	GOR	BBLS. WATER PRODUCED	% WATER PRODUCED
TOTAL										

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	DATE OF TEST	LENGTH OF TEST	BARRELS PRODUCED	BARRELS PER DAY
Exhibit 19 Order No. R-2761									

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Remarks: _____ NAME _____

_____ TITLE _____

NEW MEXICO OIL CONSERVATION COMMISSION

MONTHLY WATER DISPOSAL REPORT

Form C-115-A
3-30-60

Submit this report in triplicate to the approriate District Office, Oil Conservation Commission.

Disposal System
Operator _____ Disposal System _____

County _____ Month _____ 19 ____

LEASE	WELL NO.	LOCATION				DISPOSED WATER BARRELS	CUMULATIVE DISPOSED WATER-BARRELS	AVERAGE INJECTION PRESSURES
		UL	S	T	R			

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico

Form C-121
Revised (12/1/55)

M. Tigue Carter

CRUDE OIL PURCHASER'S NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission that Crude Oil Purchase Nominations be submitted not later than five days prior to said Commission's statewide proration hearing on nominations for the succeeding month, the undersigned purchaser's daily nomination for the month of....., 19....., is as follows:

1. All purchases from producing wells in all pools in Eddy, Lea, Chaves and Roosevelt Counties (1) . . . .Bbls./day

2. All purchases from producing wells in all pools in San Juan, McKinley and Rio Arriba Counties (1) . . . . . +10 20 70 Bbls./day

3. Total nomination for all producing wells in state . . . .Bbls./day

4. Additional purchases from all other sources to satisfy purchase requirements (2) . . . .Bbls./day

5. Total nominations . . . .Bbls./day

6. The total purchases from producing wells for the second month preceding date of this nomination was: Month _____ 19___ .....Bbls.

Dated this.....day of....., 19.....

Notes:
(1)- List Nominations by pools on Attached Sheet.
(2)- List Sources and Quantities on an attached sheet.

.....
(Name of Purchasing Company)

By:.....
(Name of Agent)

SWORN TO AND SUBSCRIBED Before me this the.....day of ....., 19.....

.....
Notary Public

Exhibit 21
Order No. R-2761

Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ *(Signature)* _____ *(Title)* _____ *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

Exhibit 21-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool		Formation		County	
Initial	Annual	Special	Date of Test		
Company		Lease		Well No.	
Unit	Sec.	Twp.	Range	Purchaser	
Casing	Wt.	I.D.	Set at	Perf.	To
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G	GL	Bar. Press.
Producing Through:	Casing	Tubing	Type Well — Single — Braden head — G.G. or G.O. Dual		
Date of Completion	Packer	Reservoir Temp.			

OBSERVED DATA

Tested Through: Prover ☐ Choke ☐ Meter ☐ Type of Taps

No.	FLOW DATA (Prover) (Line) Size	FLOW DATA (Choke) (Orifice) Size	FLOW DATA Press. psig.	FLOW DATA Diff. h_w	FLOW DATA Temp. °F.	TUBING DATA Press. psig.	TUBING DATA Temp. °F.	CASING DATA Press. psig.	CASING DATA Temp. °F.	DURATION OF FLOW HR.
SI										
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF.P D @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ $(1-e^{-S})$ _____ P_c _____ P_c^2 _____

No.	P_w or P_t psia	P_f^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: _____ MCFPD; n _____

COMPANY _____ WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE _____

Exhibit 22
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122-B

INITIAL POTENTIAL TEST DATA SHEET

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

Pool _____ Formation _____

County _____ Date Well Tested _____

Operator _____ Lease _____ Well No. _____

Unit Letter _____ Section _____ Township _____ Range _____

Casing O.D. _____ Wt. _____ Set At _____ Tubing O.D. _____ Wt. _____ Set At _____

Pay Zone: From _____ To _____ Gas Gravity: Meas. _____ Est. _____

Tested Through: Casing _____ Tubing _____

Test Nipple _____ I.D. Type of Gauge Used: Spring ☐ Monometer ☐

OBSERVED DATA

Shut-In Pressure: Casing _____ Tubing _____ S.I. Period _____

Time Well Opened _____ Time Well Gauged _____ Impact Pressure _____

Volume (Table I) _____ (a)

Multiplier For Pipe or Casing (Table II) _____ (b)

Multiplier For Flowing Temperature (Table III) _____ (c)

Multiplier For Sp. Gravity (Table IV) _____ (d)

Avg. Barometer Pressure at Wellhead (Table V) _____

Multiplier For Barometric Pressure (Table VI) _____ (e)

Initial Potential, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) = _____

Witnessed By: _____ Tested By _____

Company: _____ Company _____

Title: _____ Title _____

Exhibit 23

Order No. R-2761

Form C-122-C
1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

One-point Back-Pressure Test for Gas Wells

(Deliverability Test at Deliverability Pressure P_d of 80% of Well's Shut-in Pressure P_c)

Pool_____ Formation_____ County_____

Initial_____ Annual_____ Special_____ Date of Test_____

Company_____ Lease_____ Well No._____

Unit_____ Section_____ Township_____ Range_____ Purchaser_____

Casing_____ Wt._____ I.D._____ Set at_____ Perf. from_____ to_____

Tubing_____ Wt._____ I.D._____ Set at_____ Perf. from_____ to_____

Gas Pay from_____ to_____ L_____ G_____ G x L_____ Bar. Press.____

Producing Through Casing or Tubing_____ Type of Well (Single, Dual, etc.)_____

FLOW DATA

Started		Taken		Duration Hours	Type Taps	Line Size	Orifice Size	Static Press.	Differential	Flow Temp.
Date	Time	Date	Time							
	AM		AM							
	PM		PM							

FLOW CALCULATIONS

Static Pressure P_f	Differential h_w	Meter Extension $\sqrt{P_f h_w}$	24-hour Coefficient	Gravity Factor F_g	Temp. Factor F_t	Compressibility F_{pv}	Rate of Flow MCF/Day @ 15.025 psia Q

SHUT-IN DATA / FLOW DATA

Shut-in		Press. Taken		Duration Hours	Wellhead Pressure (P_c) psia		W.H. Working Pressure (P_w) and (P_t) psia	
Date	Time	Date	Time		Tubing	Casing	Tubing	Casing
	AM		AM					
	PM		PM					

FRICTION CALCULATIONS (if necessary)

DELIVERABILITY CALCULATIONS

P_w_____ P_c_____ P_w/P_c_____ P_d_____

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
$1 - \frac{P_w}{P_c}$	$1 + \frac{P_w}{P_c}$	$\left(1 - \frac{P_w}{P_c}\right)\left(1 + \frac{P_w}{P_c}\right)$	0.36/Col. 3	n	Q
	(a)		(b)		(c)

Log Col. 4_____ Log Col. 5_____ Log Col. 6_____

(a) x (b) + (c) = Log D = _____. D, Deliverability, = _____ MCF/Day

Company_____ By_____ Title_____

Witnessed by_____ Company_____

Exhibit #4 Cause No. 8761

Form C-122-A
Revised April 20, 1955

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation_____ County____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease_____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To_____ * Date S.I.P. Measured_____

Meter Run Size_____ Orifice Size_____ Type Chart_____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt) _____	psig + 12 = _____	psia	(a)
Flowing tubing pressure (Dwt) _____	psig + 12 = _____	psia	(b)
Flowing meter pressure (Dwt) _____	psig + 12 = _____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading _____	psig + 12 = _____	psia	(d)
Square root chart reading (_____)^2 x spring constant _____	= _____	psia	(d)
Meter error (c) - (d) or (d) - (c)	± = _____	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	= _____	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading _____	psig + 12 = _____	psia	(g)
Square root chart average reading (_____)^2 x sp. const. _____	= _____	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= _____	psia	(h)
P_t = (h) + (f)	= _____	psia	(i)
Wellhead casing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(k)
P_c = (j) or (k) whichever well flowed through	= _____	psia	(l)
Flowing Temp. (Meter Run) _____ °F + 460	= _____	°Abs	(m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$ (l)	= _____	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{_____} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = _____ = _____ \right)^{\bullet} = _____ \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q _____ \left[\frac{P_c^2 - P_d^2 = _____}{P_c^2 - P_w^2 = _____} \right]^n _____ = _____ \text{ MCF/da.}$$

SUMMARY

P_c = _____ psia
Q = _____ Mcf/day
P_w = _____ psia
P_d = _____ psia
D = _____ Mcf/day

Company_____
By_____
Title_____
Witnessed by_____
Company_____

• This is date of completion test.
• Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$(Pw)^2$ $(1-e^{-S})$ / P_d^2	P_t^2 / (Column 4)	P_t^2

Order No. R-2[illegible].

Form C-122-A
Revised April 20, 1955

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation_____ County_____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease_____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To_____ * Date S.I.P. Measured_____

Meter Run Size_____ Orifice Size_____ Type Chart_____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia	(a)
Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia	(b)
Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:	
Normal chart reading _____ psig + 12 = _____ psia	(d)
Square root chart reading (_____)^2 x spring constant _____ = _____ psia	(d)
Meter error (c) - (d) or (d) - (c) ± = _____ psi	(e)
Friction loss, Flowing column to meter:	
(b) - (c) Flow through tubing: (a) - (c) Flow through casing = _____ psi	(f)
Seven day average static meter pressure (from meter chart):	
Normal chart average reading _____ psig + 12 = _____ psia	(g)
Square root chart average reading (_____)^2 x sp. const. _____ = _____ psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = _____ psia	(h)
P_t = (h) + (f) = _____ psia	(i)
Wellhead casing shut-in pressure (Dwt) _____ psig + 12 = _____ psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia	(k)
P_c = (j) or (k) whichever well flowed through = _____ psia	(l)
Flowing Temp. (Meter Run) _____ °F + 460 = _____ °Abs	(m)
P_d = ½ P_c = ½ (l) = _____ psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{____} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = ____ = ____ \right)^{n} = ____ \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q ____ \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{____}{____} \right]^{n} ____ = ____ \text{ MCF/da.}$$

SUMMARY

P_c = _____ psia
Q = _____ Mcf/day
P_w = _____ psia
P_d = _____ psia
D = _____ Mcf/day

Company_____
By_____
Title_____
Witnessed by_____
Company_____

• This is date of completion test.

• Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	P_t^2 (Column 1)	$P_t^2 + R^2$	P_w

Exhibit 26
Order No. R-2761

(Form C-123)
(Revised 7/1/52)

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
State of New Mexico

Date....., 19.....

The.....
Name of Operator Name of Lease

.....Located.....feet from the.....line and.....feet
Well No.

from the.....line of..... ....
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted herewith on form C-105, we hereby request that the.....

pool be extended to include the following described area.....

.....

or that a new pool be created to include the following described area.....

.....

Suggested name: .....

.....
Operator

Name of Producing Formation:.....

.....
Representative

Exhibit 27
Order No. R-2761

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane
---	---	---	---	---	---

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA*: PROD. TEST (BBLS./DAY) OIL	WATER	LIQUID LEVEL	LIQUID GRADIENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRES. AT DATUM

Exhibit 28
Order No. R-2761

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL SHUT-IN PRESSURE REPORT

Form C-125

Revised 1-1-65

Operator	Address	Pool	County

LEASE	WELL NO.	LOCATION				DATE PRESS. RUN	TIME S.I. HRS./MIN.	S.I. PRESSURE PSIG (DWT)	S.I. PRESSURE PSIA	PREV. TEST DATE
		UNIT	SEC.	TWP.	RGE.					

Exhibit 29
Order No. R-2761

I hereby certify that the above information is true and complete to the best of my knowledge and belief. SEE RULE 402

Signature _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-120
REVISED 1-1-65

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

Exhibit 30
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

Regulatory Practices Committee,
Interstate Oil Compact Commission

Gentlemen:

At the meeting of your Committee in Santa Fe, New Mexico, on November 30, 1955, the writer was commissioned to organize a subcommittee composed of qualified persons in the oil and gas industry for the purpose of reviewing all report forms presently filed by oil and gas operators with the various state oil and gas regulatory authorities, and of drafting a set of report forms which, in the opinion of such Subcommittee, would be adequate for the efficient administration of oil and gas conservation by any state authority.

The writer takes pleasure in advising the Committee that this project has been completed. The Subcommittee was formed, all forms presently filed with the regulatory authorities of thirty states and two Canadian provinces were reviewed, and a proposed set of thirty-three report forms has been prepared and is attached to, and submitted with, this final report.

The members of the Industry Subcommittee were the most cooperative and interested working group with whom the writer has had the privilege of being associated. They have each given a great deal of thought and effort to this project, and cannot be commended too highly. These gentlemen are:

Mr. R. E. Adams, Cities Service Oil Company, Bartlesville, Oklahoma

Mr. V. D. Arnold, Sinclair Oil & Gas Company, Tulsa, Oklahoma

Mr. A. R. Ballou, Sun Oil Company, Dallas, Texas

Mr. John C. Brooks, The Texas Company, Houston, Texas

Mr. Paul N. Colliston, Continental Oil Company, Houston, Texas

Mr. S. F. Holmesly, Humble Oil & Refining Company, Houston, Texas

Mr. H. C. Lay, Shell Oil Company, Tulsa, Oklahoma

Mr. P. P. Manion, Jr., Stanolind Oil & Gas Company, Tulsa, Oklahoma

Mr. Fred H. Pennington, Magnolia Petroleum Company, Dallas, Texas

Mr. F. T. Stebbins, Gulf Oil Corporation, Tulsa, Oklahoma

(Mr. Stebbins replaced Mr. Raymond K. Pearson, also with Gulf Oil Corporation, on August 31, 1956).

Mr. F. Norman Woodruff, El Paso Natural Gas Company, El Paso, Texas

Mr. John H. Zanon, The California Company, New Orleans, Louisiana

The writer desires to also recognize two other members of the industry who have liberally contributed of their time and counsel. They are:

Mr. C. G. Condra, Stanolind Oil & Gas Company, Fort Worth, Texas

Mr. M. S. Priddy, Magnolia Petroleum Company, Dallas, Texas

As the occasion demanded, each member of the Subcommittee has consulted with specialists within his own organization so that the forms here submitted and recommended have received the detailed consideration and approval of persons experienced in every phase of the problem.

The booklet containing the forms recommended by the Subcommittee was prepared free of cost by the Standard Register Company, a nationwide organization that specializes in systems and forms. Many helpful suggestions with respect to the layout of these forms were made by that Company.

The Subcommittee reviewed the conservation laws of every important producing state to ascertain if any particular information or type of report was required. No specific statutory requirements were found except that in the Texas Conservation Laws, certain reports are mentioned and some are required to be "sworn" reports, some referred to as "verified" reports.

The Subcommittee held three meetings: On March 28 in the Interstate Oil Compact Commission offices at Oklahoma City, on May 29 in the Sun Oil Company conference room at Dallas, and on October 11 and 12 in the conference room of The California Company at New Orleans.

Several items of general policy were adopted, as follows:

(1) That the acknowledgment by a notary public be eliminated from all report forms, and that each form contain a certificate which, in the opinion of the Subcommittee, is sufficient.

(2) That insofar as possible, all forms be prepared on paper of size 8½ x 11 inches.

(3) That long repetitious reports, such as production reports, be considered in relation to machine accounting operations.

(4) That revision of report forms at the whim of any employee of a state regulatory agency should be discouraged; that no form in any state should be discontinued, amended or revised except after notice and public hearing; that the number of the regulatory order authorizing the form, and the effective date thereof, should be printed on each form. Further, that once a state has adopted

one or more of these forms, any contemplated revision or amendment of such forms should be brought to the attention of the Regulatory Practices Committee, in order that the effort toward uniformity of report forms throughout the producing states may be continued.

(5) That each form be numbered according to a simple, easily understood, system which could be followed in all states adopting these forms.

(6) That only the title of the form should appear in the heading and that the following information should appear, in small lettering, in the lower right hand corner of each form:

Name of Regulatory Body

Title of Form

Form Number and Sheet Number,
if more than one sheet

Order Number and Effective
Date of Order Authorizing
the Form

In many of its decisions, the primary objective of the Subcommittee was to eliminate unnecessary work. The present requirements of each state were weighed, and the Subcommittee selected those forms and procedures which, in its opinion, were best. It is recognized that no recommended set of forms could be in complete compliance with the statutes, orders, rules or regulations of all states, and it is likely that, in some respects, the recommended forms may not be in compliance with all of the statutes, orders, rules or regulations of <u>any</u> state. There is no disposition to suggest violations of such statutes, orders or

rules. From the standpoint of practicality, the only course was to forge ahead, to consider the forms and some of the regulatory practices which these forms are designed to supplement, and then to hope that the recommended forms and the underlying practices might be so desirable to the operators and the regulatory authority of one or more states that conflicting orders, rules and regulations, or even statutes, could be revised to conform to these recommendations.

Accordingly, the Subcommittee decided to recommend elimination of acknowledgment by a notary public to the signature on any report form. It was observed that the Federal Government no longer requires an acknowledgment by a notary on income tax returns, and does not find this to be an impediment to obtaining convictions for false or incomplete returns. It must be assumed that enforceable statutes prohibiting false or incomplete reports, without the requirement of an acknowledgment by notary public, can be written.

At this point, therefore, the Subcommittee recommends that the Regulatory Practices Committee request the Legal Committee of the Interstate Oil Compact Commission to review such portion of its "Model Conservation Law" as may pertain to this point, and, if necessary, revise such portion of the Model Law so that it may enable a state or its regulatory authority to assess penalties for false or fraudulent reports, against either an organization or an individual, without the necessity that the maker of such reports be required to do so under oath before a notary public.

In its consideration of this matter, the Subcommittee reflected on

the degree of personal knowledge of the facts reported which should be required of the person signing a report. Obviously, in an organization of any size, it is impractical to insist that the person signing the report have personal knowledge of the facts reported. Consider monthly production reports - the pumper or switcher is the individual who has personal knowledge of the amount of oil produced, but the pumper would hardly be the person who would sign the report. Rather, this would be a chief clerk or district superintendent who would have to obtain his facts from other reports or run tickets furnished by the pumper. As business grows more efficient, with resort to more and more machine accounting operations, the more unreasonable it becomes to require any person to give an oath that he has personal knowledge of all the facts required to be reported. It would be silly to take the oath of a piece of accounting machinery, but the report made by such a machine might be much more accurate.

It must be recognized, therefore, that a report can be only as accurate as the facts available to the person preparing the report. The organization in behalf of which the report is made should bear the primary responsibility that no false or fraudulent matters are included.

Also, the Subcommittee studied and rejected as unnecessary a special form authorizing any individual to sign any particular report. If any state should require such a form, then the Subcommittee suggests that the authorization go to the job, or title, such as "Chief Clerk," or "District Superintendent, _____ District," rather than to an individual by name, such as "John Smith". This could be accomplished by letter.

The Subcommittee believes that the problems of both authorization and responsibility can be resolved by use of the following form of certificate, and recommends its uniform adoption for all report forms:

"I, the undersigned, state that I am the _____(title) of the _____(Company); that I am authorized by said Company to make this report; and that this report was prepared under my supervision and direction, and that the facts stated therein are true, correct and complete to the best of my knowledge."

The forms recommended by your Subcommittee are bound in a booklet and attached to this report. In addition to the comments contained in the Preface to this booklet, the Subcommittee makes the following statements:

The forms presented are intended to apply statewide within those states which may choose to adopt them. The Subcommittee recognized, however, that special fields and special areas within a state may present particular problems which may require somewhat different procedures; however, even where procedures are altered to fit particular situations, such as, perhaps, the time required for a gas-oil ratio test, the form itself would not need to be changed. For the great bulk of oil and gas regulatory operations, these forms, and underlying practices, should be adequate for efficient operation, and least burdensome to the industry and the regulatory authority.

And it may be said, conversely, that, after carefully studying the forms now in use in every producing state, and the Provinces of Alberta and Saskatchewan, Canada, your Subcommittee considered any forms not included in the attached booklet

to be unnecessary to the efficient administration of oil and gas conservation.

The Subcommittee reviewed the forms required to be filed by the United States Department of the Interior. It is believed that some of the forms here recommended contain the same, or at least sufficient, information to warrant the Department in accepting those forms instead of some forms presently required.

While the attached booklet is designed to be self-sufficient, it is proper that some comments with respect to specific forms be made, and the reasons for adopting certain forms, and eliminating others, be reviewed.

Form No. P-2 - Bond and Blanket Bond

The Subcommittee recommends that in lieu of furnishing a bond by an outside surety, which might be less financially responsible than the principal, an operator be permitted to act as his own surety when he can prove financial responsibility to the satisfaction of the regulatory body.

Sundry Notices and Reports on Wells

Not recommended. Some states, as well as the Department of the Interior, have a system of detailed applications and reports of work done on many routine operations involving a well being drilled, completed or recompleted. The Subcommittee has taken the following position: 1. That proper rules and regulations prescribing good drilling and completion practices should be adopted; 2. that as long as an operator complies with such rules and regulations, including filing an "Application to Drill", he should not be required to obtain further permits or make further reports until his well has been completed; and 3. that the information shown on the final well-completion report will best serve the requirements of the state authority.

Form No. P-3 - Application for Multiple Completion

Form No. P-4 - Diagrammatic Sketch of Multiple Completion Installation

Form No. P-5 - Packer Setting Report

Form No. P-6 - Packer Leakage Test

Form No. P-16 - Application to Dispose of Salt Water by Injection into a Porous Formation

These five forms, dealing with multiple completions and salt water disposal projects, are designed to be handled by administrative action under certain conditions. It is contemplated that the first such application pertaining to certain specific sands or reservoirs in a field or area would be subject to notice and public hearing. If the first application be so approved, all future applications affecting the same sands or reservoirs in the same field or area would be handled administratively with proper notice to adjoining lease owners, and the opportunity afforded such lease owners to voice objections. In this way, the expense and time involved in many hearings can be avoided.

Form No. P-8 - Well Completion or Recompletion Report and Well Log

Although it is self-explanatory, this form, in your Subcommittee's opinion, furnishes every item of information with respect to the completion or recompletion of a well which may be needed by a regulatory body or by an operator. It should prove to be a highly useful tool for an operator in maintaining his own records.

Form No. P-11 - Well Status Report

This form is not necessary for efficient administration of conservation,

in the opinion of your Subcommittee. Nevertheless, a form of this type is used in several states, and it is included in this report in the interest of uniformity in those States which continue to use such a form. Instead, Form No. P-10, Well Status Report and Gas-Oil Ratio Tests, is recommended for uniform use.

Form P-15 - Plugging Record

This is the only form with respect to plugging of wells recommended by your Subcommittee. The form "Application to Plug Well" now required in many states is not recommended. Your Subcommittee took the position that the latter form is repetitious and is generally received by the regulatory authority after a well has been plugged. Your Subcommittee recommends that notice to the regulatory body and, if necessary, to offset operators, of plans to plug and abandon a well be permitted by telephone, telegram or letter, at the discretion of the operator. It is believed that such procedure will be more expedient and consistent with actual practices.

Form No. P-17 - Operator's Certificate of Compliance and Authorization to Transport Oil and Gas From Lease

This form is designed to be prepared on a lease basis, but could be prepared on an individual well basis for gas wells, if necessary.

Form No. P-18 - Monthly Producers Report

Your Subcommittee deliberated the question: "Should reports of actual oil production be filed by the lease operator, or would reports of oil run from leases, furnished by pipe line companies, be the better practice?" Conclusion

was that reports of actual production, lease stocks, etc., should be filed by the lease operator. Every important producing state but one requires that the lease operator file reports of oil produced. The recommended report enables the regulatory body to check lease stocks, and does away with the necessity of continually permitting underproduction to be made up in a subsequent month, a practice which causes a regulatory body to lose control over the production of wells.

This form can be typed in the usual manner, and is spaced so that it may also be prepared on IBM No. 407 tabulator, or it may be adapted to the spacing of other types of accounting machines.

Forms Nos. G-7, G-8 and G-9

These reports involving gas produced from leases are designed to eliminate duplication of effort, and to place the duty of reporting gas production on the person or organization which actually operates meters or has first hand knowledge of the volumes produced. Reports of gas purchased may be properly made by the purchaser, inasmuch as there is no lease storage involved, as with oil, and in view of the fact that over and underproduction of monthly gas allowables is a necessary practice authorized by every state authority which establishes allowables based on market demand for gas.

Form No. G-8 - Gas Purchasers Monthly Report and Form No. G-9 - Gasoline Plant and Pressure Maintenance Plant Monthly Report.

That portion of each of these forms which is entitled "DETAIL OF INTAKE VOLUME" has been drafted for either manual or machine preparation.

Form No. T-1 - Transporters and Storers Monthly Report

This form is also prepared for the customary typing or for use with IBM No. 407 tabulator. It can be adapted to other accounting machines.

In its study, your Subcommittee has reviewed the pamphlet entitled "A Suggested Form of General Rules and Regulations for the Conservation of Oil and Gas" prepared by a Subcommittee of the Regulatory Practices Committee, and published by the Interstate Oil Compact Commission. For convenience in this discussion, this pamphlet will be referred to as the "Model Rules".

Your Industry Subcommittee on Forms has found certain of the "Model Rules" to be inconsistent with the recommendations here submitted, and your Subcommittee desires to recommend the following additions, deletions and revisions of the "Model Rules":

RULE IV B. OPTIONAL RULE (FOR PERMIT TO DRILL) This rule should be revised to be consistent with the instructions relating to plats in your Subcommittee's recommended Form P-1.

RULE VI A. Drilling. Section 3. The title of this section should be changed to "Well Completion or Recompletion Reports and Well Log". Also Section 3 a should be changed to begin with the words: "Within thirty (30) days, etc....."
Section 3 b should be revised to read as follows: "Within thirty (30) days after the completion of any work-over or repair operation, a supplemental Well Completion or Recompletion Report and

Well Log shall be filed with the Commission, showing the nature of such work-over or repair, whether shooting, acidizing, fracturing, gun-perforating, ripping, plugging back, deepening or squeeze cementing."

RULE VIII A. Organization Reports. Line No. 8 of this rule should be revised to read as follows: "the names and post office addresses of the principal officers thereof. In case where such business is con- ..."

Line No. 2 of the second paragraph of this rule should be revised to eliminate the words "under oath".

RULE XXII A. Dual Completion of Wells. The words dual and dually appearing in the title and in lines 1 and 2 of this rule should be changed to "multiple". The words "after notice and hearing" in lines 1 and 2 should be deleted.

RULE XXVI A. Shortages. This rule should be eliminated because it is inconsistent with good conservation practice. Your Subcommittee believes that a rule which permits underage to be made up on a continuing basis results in loss of control over the production of wells by the regulatory authority.

RULE XXIX A. Reports by Purchasers and Producers. The words "verified" and "sworn" used to characterize the word "statement" in both sections of this rule should be deleted.

RULE XXXIII A. Capacity of Gas Wells to Produce. This rule should be revised to read as follows: "Upon initial completion and after any re-work or recompletion operation, all gas wells shall be tested by the four-point back pressure test method prescribed in Commission Publication _____. After connection to a gas transportation facility all tests shall be taken in such manner that no gas is vented.

Should tests in addition to that described above be required by the Commission, such tests shall be conducted either by said four-point back-pressure test method or by the deliverability type test method, whichever may be determined to be most appropriate for the wells in that particular pool in which the well exists. Should the deliverability type test be required, it shall be conducted in the manner and shall be reported as prescribed by the Commission."

RULE XLI A. Water Injection and Water Flooding of Oil and Gas Properties. Section 3. Application, Contents, Notice, Objection, Hearing and Approval. This Section should be rewritten and divided into two sections, one concerning water floods and the other concerning salt water disposal projects. Water floods should be permitted only after notice and public hearing. Approval of salt water disposal projects should be handled in the manner heretofore outlined in this report, under Forms P-3, P-4, P-5, P-6 and P-16.

A rule consistent with this recommended procedure should be adopted. Furthermore, with respect to applications for water floods or salt water disposal projects, the rule should not require that applications be "verified" or "sworn".

RULE XLII A. Gas Injection of Oil and Gas Properties. The word "verified" in line 1 of Section 3 b should be deleted.

RULE XLIII A. Well Plugging. If your Subcommittee's recommendation is adopted, this rule should be revised in the following particulars:

Section 1. The second sentence of this section should be revised to read: "The notice shall be by letter or telegram, or by telephone message confirmed by letter or telegram, to both the Commission and to all available operators of offset wells or landowners within 1/4 mile of the well to be plugged, and shall contain the following information:

Name of operator and address

Name of field, reservoir and county in which located

Name of lease, well number and location

Producing interval

Whether a dry hole, oil well or gas well

Latest available daily production test and date

Date well to be plugged

Section 3. Change the word "Affidavit" to "Report" throughout this section. Your Subcommittee also suggests that the last sentence in this section be deleted.

Section 4. Change the word "Affidavit" to "Report" throughout this section.

RULE XLIV A. Transportation.

Section 3. In line 4 change the words "sworn to" to "signed".

In addition to the above proposed changes in the present rules, your Subcommittee recommends that a rule be adopted to provide for consolidation of leases for the purpose of using common measuring facilities for both oil and gas in conformity with the recommended Form No. P-9 - "Request for Permission to Consolidate Leases".

Conclusion

Your Subcommittee recognizes that regulatory forms and practices will constantly change and improve. New methods, new ideas and the changing attitudes and thinking of people in the oil and gas industry with respect to conservation will make it necessary to again and again review old practices and adopt new ones.

The study and recommendations here undertaken represent just one milestone along the road of progress. Your Subcommittee believes it has prepared a

set of forms and recommendations which will bring the reporting of oil and gas operations up to date as of today, December 6, 1956. It is believed that improvement and simplification have been accomplished, by eliminating certain outmoded practices and by accepting certain new ones.

If states will adopt the forms here recommended to replace similar forms already in use, with no deletions and few if any additions, a real accomplishment and saving to both the regulatory authorities and the industry will result.

Some of the recommendations, or the absence of certain recommendations, may conflict with the present thinking of some individuals. Nobody has a monopoly on brains, and this is not claimed by the members of your Subcommittee. But we as a group have honestly tried to do the job with the best interests of the industry and the regulatory agencies of every state in mind, and in the belief that the operator who now has to fill out a different form for the same purpose in each of seven or eight states will some day offer a silent prayer of thanks for simplifying his work.

In conclusion, I want to express the gratitude of the Subcommittee, and myself, for the understanding and cooperation of the Regulatory Practices Committee and the Interstate Oil Compact Commission. It's assignment completed, your Subcommittee respectfully concludes and submits this, its final report.

O. P. Nicola, Jr.

O. P. Nicola, Jr.,
Chairman

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 8, 1964

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

Case No. 3023

BEFORE: ELVIS A. UTZ, EXAMINER

TRANSCRIPT OF HEARING

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 6, 1964

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

CASE NO. 3028

BEFORE: ELVIS A. UTZ, EXAMINER

TRANSCRIPT OF HEARING

MR. UTZ: Is the witness prepared?

MR. NUTTER: Yes, sir.

MR. UTZ: The hearing will come to order, please. Case 3028.

MR. DURRETT: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

If the Examiner please, Jim Durrett appearing on behalf

of the Commission and its staff. I will have one witness, Mr. Daniel S. Nutter.

(Witness sworn)

DANIEL S. NUTTER,

called as a witness herein, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. DURRETT:

Q Please state your name and position for the record?

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you familiar with Case Number 3028 and what the Commission is proposing in this case?

A Yes, sir, I am.

Q And in this connection, have you considered certain forms that have been proposed by the Commission staff and certain members of the industry, and adoption of these forms and amendment of certain rules pertaining to the filing of these forms?

A Yes, sir, I have.

Q Do you have, Mr. Nutter, an exhibit of the proposed forms attached to the old forms that have previously been used by the Commission?

A Yes, sir. I have labeled it Exhibit One, with several

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parts.

Q Would you please refer to Exhibit One and briefly describe the various parts of that exhibit with emphasis on the proposed forms and the substantial deviation, if any, from the old forms that have previously been used by the Commission?

A Yes, sir, I will. Prior to doing that, however, I would like to go into some of the background material that has lead up to the calling of this case, and the proposal of these various forms.

Q Please do so.

A In 1946, Mr. T. A. Morgan, Director of the Kansas Corporation Commission and then Chairman of the Regulatory Practices Committee of the Interstate Oil Compact Commission, was appointed to the subcommittee to prepare forms that would be uniform in each state. This subcommittee consisted of Mr. Morgan, Lawrence R. Alley of the Oklahoma Corporation Commission at that time, and Glen Staley of the New Mexico Oil and Gas Engineering Committee. This subcommittee invited Mr. R. L. Tate of Dallas to serve as an advisor. With his help, they prepared 11 separate forms, which were adopted by the committee and suggested for use in the various states. Some were adopted, but the forms were never universally used. So, the objective of the proposal by Mr. Morgan was only partly applicable.

Since 1946, the first suggestion for standard forms [illegible]

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that was made at a meeting of the Regulatory Practices Committee in June of 1955 by Pete Nicola of Phillips Petroleum Company at Bartlesville. Mr. Nicola suggested a little different procedure. The IOCC should appoint an Industry Committee for the preparation of forms for committee approval. This committee consisted of, or the subcommittee was appointed and the committee consisted as follows:

Mr. Pete Nicola of Phillips served as Chairman;

Mr. R. E. Adams of Cities Service Oil Company in Bartlesville was on the committee;

Mr. V. D. Arnold of Sinclair, served;

Mr. Arch Ballou of Sun, served;

Mr. John C. Brooks of Texaco;

Mr. Paul N. Colliston of Continental Oil Company;

Mr. S. F. Holmesly of Humble;

Mr. H. C. Lay of Shell;

Mr. P. P. Manion of Pan American;

Mr. Fred H. Pennington of Magnolia;

Mr. F. T. Stebbins of Gulf Oil, who was replaced by Raymond K. Pearson of Gulf;

Mr. Norman Woodruff, of El Paso;

Mr. John M. Simon of the California Company.

This industry subcommittee had several meetings and made a report to the Regulatory Practices Committee in the meeting at

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Yellowstone National Park in Wyoming on June 10, 1957, which resulted in the following action:

Mr. Ray Jones, Chairman of the Regulatory Practices Committee, appointed another subcommittee composed of members of the Regulatory Practices Committee with authority to review the work of the Industry Subcommittee. This subcommittee was reviewing the work of the previous committee which consisted of Olin Culberson, Commissioner from the Texas Railroad Commission, Dan Dunnett of the Oklahoma Corporation Commission, Ed Albarez, who at that time was with the Louisiana Department of Conservation, and Mr. John Robert of the Kansas Corporation Commission. This subcommittee met in Dallas, Texas on September 17, 1957, and reviewed and amended the report of the Industry Subcommittee in several respects. After this, the forms were submitted to the Regulatory Practices Committee and were approved and were published by the Interstate Oil Compact Committee as suggested forms for use by the regulatory agencies in the various states. They were published on December 2, 1957. Since that time, the New Mexico Oil & Gas Association has become interested in the forms and had a special subcommittee of the Regulatory Practices Committee engaged in making a study of these forms, and attempting to determine the feasibility of adopting them to New Mexico Oil Conservation Commission rules and use. This subcommittee of the New Mexico Oil & Gas Association met with the Commission staff on numerous

occasions, and at the meeting of the Oil and Gas Association in Santa Fe last October, I believe it was, reported to the Regulatory Practices Committee a number of the forms had been agreed upon by members of the staff and members of the subcommittee as being possibly suitable for use in New Mexico.

The subcommittee reported to the Regulatory Practices Committee, who adopted the subcommittee's report. The Regulatory Practices Committee made a report to the Executive Committee of the Oil and Gas Association and the Oil and Gas Association adopted all of the previous committee's reports.

So, we had another meeting with the subcommittee and finalized these forms in what we think is a rather acceptable form.

As an interesting side light, they started the wheels of Washington turning several years ago to see if some of the forms could be adopted by the USGS. Finally, after numerous encounters with the members from Washington of the USGS, members from the subcommittee on the Interstate Oil Compact Commission and the members of the USGS agreed upon the adoption by the USGS of several of these forms with modifications. So, we have three forms which have been adopted by the USGS. They are the equivalent of our C-101, which is now proposed as the new C-101, and the equivalent of the proposed C-103, and the equivalent of our C-104, which is proposed to be a new one.

Now, with that, I will go back to C-101.

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Q Before you proceed, Mr. Nutter, into Exhibit One, do you think it would be a fair statement to say that considerable amount of thought and deliberation has gone into the preparation of the forms that we are proposing to adopt here today?

A I would say that there have been numerous committee and subcommittee meetings.

Q Thank you.

MR. UTZ: Is it your opinion, Mr. Nutter, this will be the final phase of this historic episode?

A If this case is dismissed, that might be the end of it. However, I am not recommending that the case be dismissed.

Q (By Mr. Durrett) Will you identify Exhibit Number One, Mr. Nutter, please?

A Exhibit Number One, as stated before, is a collection of the various forms that are being proposed for adoption by the Commission at this time. It consists of numerous copies of the new forms, to which has been stapled a copy of the old form which would be superseded by the new form. These are identified as 1-A, 1-B, 1-C, and so forth, through Exhibit 1-P.

Q All right, sir. Now, would you refer to Exhibit One-A and briefly describe the new form and the significant changes from the old form?

A Exhibit 1-A is entitled, "Application for Permit to Drill, Deepen, or Plug Back". Data is used from the O & G Conservation

form C-101, whose title is "Application to Drill."

Basically, the information which has been required by the Commission on the old form C-101 is still required on the new C-101. Two or three things have been left off; the little part which is in the left-hand side of the old C-101 is left off. The form which we propose today is almost identical to the form which has been adopted by the USGS, with the exception that several of the boxes for information which was deemed necessary for the form when it was adopted by the USGS have been hechured out. This would contain information which is not felt is necessary to the operation of Oil Conservation Commission. I would suggest that one further change be made on this form, which I would like to offer at this time, and that would be in the upper right-hand side of the form, the top box there is labeled "Box Five, State Oil & Gas Lease No." I would suggest that a box 7-A be added immediately above that with the statement, "Check type of lease," and provide two boxes there, one labeled "State", and one labeled "Fee". I can't think of any other type of leases on which this form would be received except State and fee leases.

Q All right, sir. Would you please discuss with your proposed changes on the exhibit.

A Yes, sir, I have. I would also suggest one other change in this area, down at the bottom where it says, "This is to certify that..." This relates to State use. It is an oversight in printing that...

was just taken from the form when it was originally to be adopted by State and Federal governments both. So, I suggest "Federal or" be scratched off of that form.

Q. Would you make that change on the exhibit?

A. That change has been made here. Otherwise, I would recommend that this form be adopted as it is.

Q. All right, sir. Will you please refer now to Exhibit I-B and explain briefly what that is?

A. Exhibit I-B is an Oil Conservation Commission form which the Conservation Commission has formerly used under the number of Form C-128, "Well Location and Acreage Dedication Plat." Now, there is no essential change in the formation of this form. There are a couple of questions that have been inserted here. It seems that the State Land Office in some cases has difficulty identifying the ownership of various leases where more than one lease is consolidated into drilling or proration units. For this reason, we have asked that Statement One, "Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below," I would change that to read, "Outline the acreage dedicated to the well." Statement Two, "If more than one lease is dedicated to the well, outline each and identify the ownership thereof" (both as to working interest and royalty). Now, this is the principle change from the old Form C-128. It is not intended that where numerous working interest owners, or numerous royalty owners, have an interest in a

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single lease, that all of them be listed there. For instance, if you have a 40 acre tract that is dedicated to 160 acre gas well, and it is one of the leases that is dedicated , if there is more than one, if this particular lease happens to be owned by the heirs of John Smith and his wife and there are numerous heirs, it is not expected that everybody's name be listed there. It might be the heirs of John Smith, or some such thing. Also, where you have numerous working interests owners, owning a particular lease, it is only expected that one company, possibly with the addition of the word "et al" be added there. It is simply to identify that this is a lease and to determine if it is a fee lease or Federal lease or State lease when this acreage is dedicated to the well.

Question Three, "If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc." is similar to the Question Two on the previous form, and the rest of it rather similar, too. So, this actually doesn't consitute any great change from the present form C-128. It is numbered C-102. It is thought being that these forms would be numbered in sequence and that the forms be numbered in sequence which we will see later, so the same number and the form number would coincide. I would suggest that this form be altered as is, although this is not a company, has not been considered by

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Washington, Bartlesville, Tulsa and Houston.

Q All right. Will you please refer to Exhibit 1-C and briefly explain it?

A Exhibit 1-C is proposed form C-103, which is entitled "Sundry Notices and Reports on Wells." This is getting into the type of a form that was previously used by the Federal Government. This form has been adopted by the Federal Government; it has several boxes blanked out on it in our proposed form, which contains information that we don't feel is necessary. This form takes the place of the old C-102, "Miscellaneous Notices", and our old form C103, "Miscellaneous Reports on Wells." So, that will go to the system that the USGS has used for years of using one report, or one form for both Sundry Notices and Reports. You will notice in the middle portion of the form, it has a section that is labeled, "Check Appropriate Box to Indicate Nature of Notice, Report or Other Data." The left-hand side is entitled, "Notice of Intention to:" with several boxes provided. The right-hand side is labeled, "Subsequent Report of:" with several boxes.

I would suggest on this form that the portion on the "Subsequent Report of," which is in Ibanks, says, "Note: Report results of multiple completion on Well Completion or Recompletion Report and Log-Form C-[illegible]." Form C-[illegible] being deleted from this particular form.

Q Will you strike that from your exhibit, Mr. Utter?

A Yes, sir. I would also suggest one other change there, so that the instruction, of the large box, Number 17, be expanded to include, "Refer to Rule 1103." Rule 1103 is the rule that governs the filing of this form. It is a lengthy rule, as we will get into later on, and contains detailed instructions on the filing of this form. I think that it is certainly in order in this particular form, particularly where some of this detailed information is required by the present rules, that some mention be made of that rule here, so that operators who aren't familiar with the rules might have an opportunity to know which rule it is that governs this form and make a reference to it.

So, I would expand those instructions in that regard. Outside of that, I think the form as offered here as an exhibit is pretty much the way it should be.

Q Am I correct, Mr. Nutter, the first page of your exhibit, Exhibit 1-C, is the proposed form and the two subsequent pages are the present Commission form that it would supersede?

A That's correct.

Q All right, sir. Will you please now refer to Exhibit 1-D, and discuss it.

A Exhibit 1-D is a legal size form. I believe it is the only legal size form that we have in this group. It was necessary to make it legal size because it contains considerable information inasmuch as it is a consolidation of the old form C-101, which is

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a Request for Allowable, and our old C-110, which is a Certificate of Compliance and Authorization To Transport Oil and Natural Gas. This accounts for the long title, "Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas." It is intended that this form be used for both new wells and for old wells when you have a change of condition in the old well. You will note that the form is divided in Roman Numeral Sections I, II, III, IV, & V. In the case of a new well, that is just being completed or a well that is just being completed in a new pool, and requesting an allowable for that pool, that all five sections would have to be filled out, including the completion and test data, on the well, which is Sections IV and V.

In the present situation, when you complete a new well or recomplete a well in a new pool, you have to fill out your form C-104 at the present time, which contains all of the data which is required by Section Four and Five of this combined form. In addition, the operator files his form C-110, which contains the data in Sections I, II, & III of this form. Sometimes operators send in one of the forms without the other, but by combining these there would be very little likelihood of this happening.

When you have a change of conditions in a well, such as the change of operators or the change of the lease name, or the well number or a change of transporter, only the first three sections

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would have to be filled out on the form, and all of this completion data and test data on the well would be unnecessary. So, the operator would fill out Sections, I, II and III, skip down to his certification at the bottom. I believe that is one of the major improvements of this whole series of forms. I think as soon as we have had an opportunity to become accustomed to this form, it will be found far more convenient than the old forms.

Now, I think we will have to make a couple of small changes. You will notice in Box Number One at the top, we have "Reason for Filing" on the left-hand side and then, over here at the right, we have got, "New Well, Re-completion and Change in Ownership", and then, "Other (Explain)". This is entirely too small for a remarks section. This will have to do double duty as a remarks section also. There are other small changes in format here, which I think will have to be worked out on it, but essentially, this is the style and the format which this form should be presented, I think.

Q Am I correct, Mr. Nutter, that there are no changes in the other two forms that would be superseded by this form?

A I don't believe that there are any really substantive. Might be one, "If this production is commingled with that from any other lease or pool, give number.

Q That would just be in addition?

A That is one additional, yes.

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Q Your 1-D, again, is composed of the following, the top sheet is your proposed form and the two subsequent sheets are the forms that would be superseded by it?

A Number 1-D is C-104 to supersede 104 and 110.

Q Now, will you refer to 1-E?

A Exhibit 1-E is the third form, or adapted after the third form which has been adopted by the United States Geological Survey entitled, "Well Completion or Recompletion Report and Log," old C-105, "Well Record". This is now the old 105 and the old 105 is printed on legal size paper and is printed on both sides of the paper. The new form, of necessity, had to be printed on both sides of the paper, but it was printed on letter size by the economic use of boxes for reporting data required. Essentially, this form is the same as our old form. There are some things that are not there, but there are - - that are present on the old form, that are not present on the new form, but they are not really essential probably, for the efficient administration of the Commission's duties. I believe that the form as proposed and as used by the USGS, with one, two, three, four, five boxes blanked out, will be suitable for Commission use.

Q All right, sir.

A Oh, I would suggest also on the back side here that this is certainly now very substantive, but that the size of type in this portion, "Please Indicate Below Formation Tops (In Conformance With

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Geographical Section of State)," I would suggest that the size of the type be reduced somewhat, the length of the lines there be reduced so that the Southeast New Mexico's two columns can take half the page and that the Northwestern New Mexico would have room for two columns also. And also, that some provision be made that as new formations are brought in in the northwest, particularly they are anticipating that there is maybe a need for division of the Pennsylvanian into several tops, that may be required to be reported. There are numerous pays in the Pennsylvanian up there. As development in the Pennsylvanian occurs, they will probably want more than one top to the Pennsylvanian.

Q How would you suggest that that be handled, by just giving or leaving a blank space or just a blank line?

A By setting up a new series of lines on the right-hand side and it can be labeled as the need occurs.

MR. PORTER: Didn't Mr. Arnold demand equal space for Northwest New Mexico?

A He wanted equal spacing for Northwest New Mexico, half a page.

Q (By Mr. Durrett) Anything else pertaining to that exhibit, Mr. Hatter?

A No, sir.

Q Will you please then refer to Exhibit --F and describe it?

A Exhibit --F is not in the group of forms that were

attached to the docket. It is Commission Form C-106, which is "Notice of Intention to Utilize Automatic Custody Transfer." The reason that this is included is simply so that we will have a rule that pertains to this. I think that it is- - I am not sure that there is any rule back here in the back in Section M of the report of the Rules and Regulations that pertains to Commission Form C-106, so I am merely offering this form to show that there is such a form, and there would be a rule, Rule 1106, governing the form, 106.

Q. Will you then please refer to Exhibit 1-G and describe it to the Examiner?

A. This is the same thing, Exhibit 1-G, "Application for Multiple Completion," which - - this is a form which was included in the Compact's set of model forms. It was adopted by the Commission several years ago. This was the first Compact form that was adopted, and we have been using it for several years, but we have never given it a number. Now, I suggest that it be adopted as a numbered form and also that a rule be adopted governing the use of the Application for Multiple Completion.

Q. Please refer now to Exhibit 1-H and describe it.

A. Exhibit 1-H is an application similar to [illegible] Exhibit 1-G is a two-zone completion, this is a form which the Commission has been using for quite a number of years. The form is not numbered. It is an [illegible]

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Water by Injection into a Porous Formation Not Productive of Oil or Gas." We would suggest that this form C-108 be adopted. It is patterned closely after the Compact's model Application to Dispose of Salt Water, with certain changes made in it which are necessary to comply with Rule 701 governing the disposal of salt water in the State of New Mexico. Essentially, the information is the same as on the old form, just a matter of format. I would recommend that the form be given a number, C-108, adopted by the Commission and also a Rule 1108 be adopted governing it.

Q Now, will you please refer to Exhibit Number 1-I?

A Exhibit Number 1-I is a proposed form C-111, which has two sheets. It would supersede the present form C-114, which has two sheets. The C-111 at the present time is a "Monthly Gas Report for reporting acquisition of gas and disposition thereof into anything other than a gasoline plant. C-111 is a report that covers acquisition of natural gas and disposition of that gas in a gasoline plant. So, this new form is entitled, "Gas Purchasers Monthly Report," and it is intended that it would be used to cover the acquisition of gas from leases regardless of the disposition, whether it is sold to another pipeline or put into a gasoline plant. Essentially, it is almost the same as the present title of C-111, Sheet One, with a little more detail possibly, to provide for disposition of the natural gasoline. It does have a place for plant production and so forth, on there. In Section III, which you

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be the portion of the form that would be filled out by a gasoline or extraction plant. Now, the gas purchaser, who is disposing of his gas, operating a gas gathering system disposing of gas into another gas pipeline, of course, would have no need to fill out the sections that would not be applicable. So, I believe that this is the elimination of numerous sheets. The form does have two sheets. It has got a detailed sheet for acquisition, and I guess that is all it has, just has the sheet one and two. Then, for disposition of gas, if the operator or the pipeline that is gathering the gas has disposition to more sources than could be included in the box in Section Roman Numeral IV at the lower portion of the form that calls for attachments of additional sheets. However, these would not be furnished by the Commission, just be blank sheets. They would be filled out in the manner in which these boxes there in Section IV are filled out with the same heading.

But, as far as the Commission form is concerned, there are only two sheets to that one.

Q And right, sir. Now, please refer to Exhibit 1-J and briefly explain it?

A Exhibit 1-J is Form C-112. It is a one sheet form. It has three main portions. "Transporter's and Storer's Monthly Report". The first section, "Receipts by Pools and by Leases," and the next one is "Receipts From Other Sources," and the

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next one is "Deliveries." with provisions made for attachments for additional sheets if necessary. If all of the receipts and deliveries can't be included in the boxes provided, undoubtedly Receipts by Pools. By Leases is going to require additional sheets, particularly by the large pipeline companies. However, the large pipeline companies in most cases don't use the sheets that are provided by the Commission anyway. Most of them are reporting their acquisition on machine accounting sheets, so this is not going to be any great loss to lose Sheet 1-A, Sheet 1-B, Sheet 1-C and Sheet Two of the present C-112. We would offer the one sheet of Form C-112 as a substitute for all these others.

Q Am I correct that on your Exhibit 1-J, the first page is the proposed form and all subsequent pages are the form or forms that will be superseded by the proposed form?

A Correct.

Q All right, sir. Now, will you please refer to Exhibit 1-K and briefly explain it?

A Yes, sir. Exhibit 1-K is a Form C-113. It is a two sheet form, and it is entitled, "Refiner's Monthly Report." It is the Company form and it takes the place of the old Form C-[illegible], "Refiner's Monthly Report," which has a Sheet 1-A, which is a summary - - Sheet One, which is a summary of the refinery operations, and Sheet 1-B or Sheet Two, Detail Statement of Crude Petroleum Stock on hand at the end of the month. I believe that

all of the essential information is included in Sheet One and Sheet Two of the proposed C-116, and I suggest that it be adopted for use by the Commission.

Q Now, will you please refer to Exhibit 1-L and briefly describe it?

A Yes, sir. Exhibit 1-L is entitled, "Gas-Oil Ratio Tests." It would supersede the present form C-116 which is entitled, "Gas-Oil Ratio Report." It has a provision for the same information which is included on the present form C-116, with the addition of two or three other items of information. The instructions are essentially the same as they are on the present form C-116. Among the things which are included here, which are different than the present form C-116, is the location of the well, unit, section, township and range. We have got certain pressures included here, casing, beginning and ending pressure, and tubing and separator pressure, which are not included on the old form. We have separator temperature which is not included, and outside of that, the form is pretty essentially the same as the old existing form. I would recommend that this form be adopted. I believe it is properly a better gas-oil ratio test record than the old one.

Q Now, I have marked as Exhibit 1-H and 1-I and the Commission's Examiner's

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Plant Monthly Report. Essentially, it is the same as the present Carbon Black Plant Report. It does provide for several lines there for disposition of gas. That is "Camp Use," "Plant Fuel Other than Carbon Black Manufacture," " Carbon Black Manufacture," and "Other." There is no provision on the old form for that type of breakdown of disposition. It provides for "Carbon Black Production in Pounds," with opening and closing stock and leaves the space blank to describe the type of carbon black that is being made, whereas, our old form provided for carbon black for use of the manufacture of rubber, carbon black for use of the manufacture of ink and others. Now, this way, they have got four kinds of carbon black that can be reported, not limited to any of the four. I would suggest that this form be adopted by the Commission.

Q Please refer to Exhibit 1-N and describe it?

A Incidentally, referring back to this form C-119, it is my understanding that on the old form, that the carbon black plant operator on his acquisition had two sections here to report his acquisition of gas, first being from gasoline or other extraction plants, the second being from leases. Now, the form itself is not clear there. It doesn't say whether this is received from leases or from wells or what.

Q Excuse me, Mr. Hiller. Are you speaking now of the old form or the new form?

A I am speaking about the old form. Or, the old one

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provided that each operator of a carbon black plant within the State of New Mexico shall file for each calendar month monthly volumes of gas received by him or from a gasoline plant or gasoline extraction plant, or plants and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Now, the rule doesn't specifically say so, but it is my understanding that it has been the practice and I would certainly suggest that it continue to be the practice, that the carbon black plants would show the acquisition of gas from gasoline extraction plants and the acquisition of gas from operators who are delivering natural gas directly to the plant, but that in the case that the carbon black plant is operating its own gathering system, that it would also file Form C-111 for acquisition and delivery of that gas so that the carbon black plant operator would be filing a C-111 in addition to this C-114.

Q Do you suggest that there be a notation on here something to that effect, or not, on your proposed C-114?

A I don't recall if there is any.

Q Reference to the rule possibly, something to clarify the requirement as you are proposing it?

A Either an instruction on the form, or a reference in the rule should be provided.

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Q All right, sir. Now, that was Exhibit 1-M you were discussing?

A That was Exhibit 1-M.

Q Will you please now proceed to Exhibit 1-N?

A It is entitled, "Purchaser's Gas Nominations." This form is different from the old form C-121-A, in that the old C-121-A presumably was for the purchaser of gas for a six month period. Now, this offered 121-A, new one, provides for a preliminary nomination for six months period and supplemental nominations for a monthly basis. It is one of the proposed substantive changes in this case today: That Rule 1121 of the Rules and Regulations and Rule 7-A of the General Rules and Regulations for prorated gas pools be amended to provide for the submission of supplemental nominations each month by gas purchasers.

Q In this proposed form, is it numbered C-121-A?

A Yes, sir. And it takes the place of the old C-121-A, and as I said before, is essentially the same with the exception of adding this column for supplemental nominations.

Q Now, will you please proceed to your Exhibit 1-O and describe it?

A Yes, sir. Exhibit 1-O is a "Permit To Transport Recovered Load Oil." It provides essentially the same information that is on the old form C-120, which is entitled, "Permit For Transportin

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Recovered Load Oil." I would suggest that one change be made here from this form as it is printed, and that would be that the portion which is the middle section, "Oil Transferred From Another Lease or Pool," provide space for more than one lease or pool. It is my understanding that in numerous cases, it has been suggested to me that in numerous cases, oil is transported from more than one lease for use as load oil and there is not enough room here. There is plenty of available space for this on the form, so I think we could provide more than one line. Also, in reference to the next line, "Date of Letter of Notification of Transfer in Compliance with Rule 1109 (B)," it will be 1104 under our proposed changes.

Q Are you indicating that change on the exhibit?

A Yes, sir. And 1104 has numerous paragraphs. I think the thing has about six or seven paragraphs, and they possibly should be numbered, and then, this would have a suffix to it. It would be 1104 whatever number would be applicable.

MR. UTZ: That is still Form C-126?

A This is Form C-126. 1104, the reference to the temporary change in transporter is included in the last paragraph in that rule. If those were to be numbered, it would be the last paragraph, whatever number it would be.

Q (By Mr. Utz) All right. Anything else pertaining to this exhibit?

A No, sir. It is practically identical to our old form except it is patterned after the Compact form.

Q Will you please refer to the last portion of your Exhibit Number One, which is Exhibit 1-P, and describe it?

A Exhibit 1-P is another form that has not been submitted with the docket. It is identical to the old form C-127, which was entitled, "Oil Producers Nominations Request for Allowable Changes." The only reason I have included it here is the reference in this rule book, or in the amended rule, changes the name of the form from "Oil Producers Nominations Request for Allowable Changes" to simply "Request for Allowable Change." So, I offer this form with the line through the first part of the title as a proposed change.

Q So, the only proposed change then that this exhibit indicates from the present C-127 is a change in the name of the form?

A That's correct.

Q All right, sir.

MR. UTZ: Did you take up C-124, Mr. Nutter?

A No, sir, I didn't.

Q (By Mr. Durrett) Do you have a proposed C-[illegible] form, Mr. Nutter, possibly attached to the docket there?

A Do you have one of the old ones and the new one, Jim?

Q Now, Mr. Nutter, do you have an additional revision to

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your Exhibit One that you would like to discuss at this time?

A Yes, sir, I do. This has been marked Exhibit 1-Q. It is entitled, "Reservoir Pressure Report," and would supersede or take the place of the existing form C-124, which is entitled, "New Mexico Oil Conservation Commission." It is a bottom hole pressure report, however.

Q Is that attached to that as a second page, to your Exhibit 1-Q, Mr. Nutter?

A Yes, sir, it is.

Q Are there any substantial changes?

A Yes, sir. There are several changes in this form. There is a provision on the form C-124 as proposed, for sonic instrument test data, which is not included in the old form at all. The location of the well,being unit, section, township and range, is the only thing that has been added to this form. It is the only thing that has been added to the Compact suggested model form for bottom hole pressure reports.

Q Is Exhibit Number One identical to the Commission's form?

A Yes, sir, it is. The Commission does not have the same, or was not doing so the date [illegible] the regulations for [illegible] we have [illegible] form C-124, which is [illegible] bottom hole pressure [illegible] gradient tests, we have [illegible]

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that this form be offered, be adopted as submitted here, possibly with some changes. I think someone might have some suggested changes to make in this form. I am not too well acquainted with it.

Q All right, sir.

A Also, we have one other form which does not have a number. It is essentially identical to an unnumbered form that the Commission has been using for a long period of time, being a Packer Setting Report. Our old one is entitled, "Packer Setting Affidavit", and requires that the thing be notarized, ~~which~~ this one that is submitted to the Commission calls for a man to be of a lawful age and state that he has set this packer.

Q Let's mark that, Mr. Nutter and make that part of our Exhibit One.

A That would be Exhibit 1-R, OCC Exhibit 1-R, in Case 3025. And a copy of the old Packer Setting Affidavit will be attached to this.

Q All right, sir. Thank you. Now, does that cover all of the forms, Mr. Nutter, the proposed forms?

A Yes, sir, it does.

Q Do you have in your possession a copy of the proposed rules?

A Yes, sir.

Q Are there those rules that you're familiar

A They are identified as Exhibit Number Two in Case 3026.

Q And are these rules that you are proposing substantially similar to the rules attached to the docket?

A Yes, sir, they are.

Q Would you briefly describe these proposed rules with emphasis on any substantial change that you feel attention should be called to?

A Yes, sir. Section M, Reports, of the Commission Rules and Regulations, starts off with Rule 1100, which provides that reports and forms are required and it gives the mailing addresses of the District Office where they should be filed. We have amended this to have Rule 1100, General, be the first rule in the book, in the section, and have it broken down into four sub-sections, A, B, C and D Sections, and entitled, "Where to File Reports," and refers the reader to Rule 1101, which is in another portion of the book and defines where the districts are and would, as will be proposed in a minute, also include where the mailing addresses of the District Offices are, so you have the designation of the District Office and their mailing address and District Headquarters all in one place in the rule book, instead of scattered out. Section B of the Rule 1100, General, is entitled, "Additional Data," and would take the place of Rule 1105 in the old rule book, being retained verbatim. Section C, [illegible] to be numbered in the [illegible]. Section D is

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Rule 1103, General Requirements, is entitled, "Written Notices, Requests, Permits and Reports." And it is essentially the same as Rule 1103 of the Commission Rules and Regulations and includes a listing of the forms which are published by the Commission and necessary for the reporting of various oil field operations.

By the consolidation of these four rules into four sections of the rule, we are then to Rule 1101, which could coincide with Form C-101, being instructions for the filing of that form. These various rules from here on, being 1101, 1102, 1103, 1104, 1105 and on through 1111, are pretty much the same as the existing rules. There has been some revision to them in the interest of clarity. I don't think any substantive changes have been made from the existing rules, except in cases where the existing rules were silent on established Commission policy, regarding some particular detail on the filing of a form, and in some cases, operations have not been covered by this established policy. The established policy has been put in the rules. For instance, I can refer you to one rule, 1105, where there never has been a rule, the second part deals with there an oil well should escape gas to the surface. That the Commission has been following the policy that the gas should be flared for a period of ten days, and then after that time, the well should be shut in. So we have put that in the rule, and the rule also provides that the Commission may grant an exception to the rule upon the application of the operator. The rule also provides that the Commission may grant an exception to the rule upon the application of the operator.

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However, the existing 1109 didn't have anything to say about a gas well, so we have had an established policy regarding that, so it is included here. Unless it is specified by special rules, the allowable assigned to a gas well should be effective after 7:00 o'clock A. M. on the date of connection to a gas transportation facility as evidenced by an affidavit of connection from the purchaser to the Commission, or date of receipt of the Form C-104 by the Commission. This is simply to clarify a policy that hasn't been in print before. I think there are probably several places in these rules where things like that are included that haven't been included before. Then, next, we get over to the proposed Rule 1121, which includes that gas purchasers supplemental nominations as well as the oil purchasers nominations. This is, as I stated before, one of the substantive changes that we had considered for a requirement, the supplemental nominations each month for the purchase of gas.

Q All right, sir.

A Outside of that, these rules are pretty much the same as they always have been. Section O on the last page here, includes Rule 1131, which would be the same as the old Rule 1131, except that the District O [illegible] address would be inserted. Outside of that, the rules are just about the same as they have been. I hope they are a little clearer.

Still in the interest of further clarification, I would

like to suggest that maybe further amendment of wording, not substantive change, but further edification be made before they are put in final form. These are written in- -

Q Then, your Exhibit Number Two, Mr. Nutter, strictly is a set of the proposed rules?

A It is offered as a guide to what the rules should more or less consist of in Section M, and the first rule in Section O.

Q All right, sir. Now, will you please refer to your Exhibit Number Three?

A Exhibit Number Three is a copy of the New Mexico Oil Conservation Commission Rules and Regulations, Revised November 1, 1963.

Q Are those the official rules of the New Mexico Oil Conservation Commission on a statewide basis?

A Yes, sir, this is the latest addition to the official rules of the Commission.

Q Will you please refer to that exhibit and explain the pertinent changes that would be necessary in the rules?

A Yes, sir. In numerous places in this book, reference is made to the various form names and numbers. Now, we have gone through this book and wherever we have come across a form number or name, which would be changed, we have noted it. The first one occurs on Page 1., it is Rule 101. Section B, reference is made to "Notice of Intention to Dri . " The change would be

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"Application for Permit to Drill."

Q Now, have you made the change with pencil, Mr. Nutter? Is that correct?

A They have been made with red pencil. The next such change is on Page 17, in Section B of Rule 111. Reference there is made to Commission Form C-102, and we would now change that to C-103.

The next change is on Page 20 of this book, reference is made in two places here, to the "Application for Multiple Completion", include the words, (Form C-107). The next change would be on Page 24 of the Rules and Regulations, reference is made to Form C-102, and that would be changed to Form C-103, which is, of course, the form that supersedes the C-102.

The next such change occurs on Page 33 of this book. There is reference in the third paragraph, Paragraph B, of Rule 312, to the Form C-110, which would now change to Form C-104. Paragraph C also has a reference to the Form C-110, which would change to C-104. On Page 34, Section D of that rule makes reference to the Form C-110, which would read C-104.

Page 40, Rule 314, entitled, "Authorization for Production of Oil While Completing, Recompleting, or Testing an Oil Well," Paragraph A of that rule reads at the present time, "No well shall be placed on the proration schedule until Form C-104 and C-[illegible] have been filed with the Commission." I note, a "new

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that this rule be changed to read as follows: "No well shall be placed on the proration schedule until Form C-104 has been filed with the Commission and approved."

I think it goes without saying that the filing of the form doesn't mean that the well is going to be placed on the proration schedule, but just for clarity, "and approved" is added, and change it from C-104 and C-110 to 104, which supersedes those two forms.

Page 46 of the Rules and Regulations makes a reference to the "Application to Dispose of Salt Water by Injection Into a Porous Formation Not Productive of Oil or Gas," and since the form name has been changed, we would eliminate "not productive of oil or gas," and insert Form C-108 in.

On Page 47, in Rule 703, there is a reference to the "Notice of Intention to Drill," which would change to "Application for Permit to Drill."

On Page 50, there are two references to the Form C-110 which would change to C-104.

On Page 52, there is a reference to Form C-114, the "Monthly Gasoline or Other Extraction Plant Monthly Report," and should be changed to 115, "Gas Purchasers Monthly Report."

From Page 53 through 55, there is - - this is Section M in the Rules, the rules would be redlined in accordance conformance with these proposed rules that are offered as Exhibit Two. Then,

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on Page 66, Rule 1306 would be amended to include the mailing address of the District Offices.

And that is all of the proposed changes that I know of, however, if there are any other changes which would be necessary for reference to a form name or number that I have overlooked, they certainly should be made, too.

Q You are merely offering this exhibit as an example?

A As an example of how it should be.

Q Right. All the changes you have testified to concerning this have been marked in pencil?

A Yes, sir, they have been marked with red pencil.

Q Now, am I correct, Mr. Nutter, that it is also proposed to amend Rule 7-A of the General Rules and Regulations for prorated gas pools in the State of New Mexico as promulgated by Order No. R-1670 to require that gas purchasers' nominations be submitted not later than the first day of the month during which the nominations will be considered at the monthly allowable hearing?

A Yes, sir. The filing date for the submission of gas purchasers' nominations would be changed from five days before the date of the hearing to the first day of the month in which the allowable hearing will be held. This allowable hearing being for the purpose of considering the gas allowable for the following month. So, that filing date would be changed in that regard.

Q And I believe that you have testified concerning Rule 7-A

and its amendment to require gas purchasers to file a supplemental nomination for the purchase of gas each month?

A Yes, sir, I made reference to that.

Q Do you have anything further, Mr. Nutter?

A No, sir.

Q Is it your opinion that the revision of the forms that you have testified to here today, the existing forms, and the adoption of the new forms that you have proposed here today, and the amendment of the rules that you have suggested pertaining to the filing of the forms, and the adoption of new rules or amended rules pertaining to the filing of these forms, along with the amendments in Rule 1121 of the Rules and Regulations, and Rule 7-A of the General Rules and Regulations, and Rule Mexico Oil Conservation Commission to more efficiently and effectively administer the laws of the State of New Mexico, and the legislative mandate pertaining to conservation and the prevention of waste and the protection of correlative rights?

A I hope so. In answer to that question, Mr. Durrett, I am not being facetious, but in answer to that, I think that it is just another example that the New Mexico Oil Conservation Commission might make to further improve its willingness to keep the rules and its operation modern and in keeping with the times and so forth. The Commission has continually evaluated its rules and so forth, and in the future, I'm sure it will be necessary that it be done in the Oil and Gas Industry and in the Commission

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as being a progressive Commission. Now, these forms have been adopted by the Interstate Oil Compact, and they have been recommended for use. Now, probably, the initial adoption of these rules will even cause a little hardship to be incurred, not only by the operators who are first using them, but by the Commission itself in getting used to the use of these forms, but I believe that if these forms are adopted at this time by this Commission, that if they are adopted by other states later on, that they will increase the efficiency of the operations by the operators, to take one form and have to fill out that type of form for that particular operation, and have all the information there in the same place on the form, regardless of what state it would filed with. A person can get more used to using these forms and efficiency will be, I think, increased. Now, as I said before, the initial adoption of these forms, I am just like anyone else, this looks like it is going to be harder to use than the old forms. After we get used to using a bunch of old forms for a long time, we look at the new ones and say, well, that is not near as good as the old one. I think in the long run, certainly it will be more efficient and in the interest of the Commission's duty to fulfill those mandates by the legislature.

Q Thank you, Mr. Nutter. Were the proposed forms that you submitted as your Exhibit One prepared by you or under your supervision? The information they contain, let's place the question

in that manner?

A My opening statement will say where these forms were prepared, yes, sir.

Q I mean in final form?

A I had a little something to do with the arrangement of these in the form of an exhibit.

Q You approved them before they went to the printer?

MR. UTZ: In effect, you directed the formation of these forms, did you not?

A I had a hand in it, yes, sir.

Q (By Mr. Durrett) And the old forms attached to your Exhibit One are just existing commission forms?

A They are existing forms, yes, sir.

Q All right. Now, your Exhibit Two, the proposed rules, were they prepared by you or under your direction, in conference or in some other manner?

A Yes, sir, they were.

Q And the necessary changes that you indicated on the proposed rules, Mr. Nutter, did you prepare those?

A Yes, sir, I prepared that.

Q All right, sir.

MR. DURRETT: At this time, I move the introduction of Exhibits One, Two and Three with the attachments thereto, and that note upon my examination of Mr. Nutter.

MR. UTZ: I only have one question, Mr. Nutter, to ask on

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modest, or he just doesn't want to accept the responsibility.

MR. UTZ: Without objection, the Exhibits One, Two and Three, and all the pertinent parts, will be entered into the record of this case.

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Nutter, before other questions, I have one question. Referring to the assignment of oil and gas well allowable on Page 5 of your Exhibit Two, is it not true that we also require that all other forms pertinent to the well be filed before assigning the allowable, as well as the notice of connection and the C-104?

A Oh, yes.

Q It might be well to mention that.

A Well, if it is necessary, it ought to be mentioned. I think it is presumed that a well has to be up to date on the filing of all of the forms before it is ready to file for an allowable. The C-104, if filed, won't be approved until - unless everything else is up to date.

MR. PORTER: I believe it is a practice in the district offices that they do not approve the C-104 for assignment of the allowable until they have checked to see that all other forms have been filed and approved; is that correct?

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MR. RAMEY: All but the 10%, we don't require the 10% until later.

MR. UTZ: Are there other questions of the witness? No questions, there must be a lot of statements.

MR. NESTER: E. W. Nester for Shell Oil Company. I would like to comment on three forms specifically. The Exhibit 1-L, which is the modified form C-116, our people have some minor comments to make on this. Specifically, they have asked the question of whether there is a real need for the separator pressure and a separator temperature on the form, and would prefer that if these are not absolutely necessary, that they be deleted, and that the space be apportioned across the form to provide additional space in the column under Production During Test where they are pinched pretty tight for space.

My next comments are on the Exhibit 1-O. I would like to echo the suggestion of Mr. Natter that the oil transferred from other leases or pools section of the form be expanded to include, if possible, four sets of these holes to provide for transfer from four separate leases, if such is the case.

In the, my last comment would be on the Exhibit 1-Q, which is the modified form C-[illegible]. Our people have asked [illegible] and I guess like the rest of us the form is [illegible] and water without [illegible] a little thing. We would suggest that the [illegible] temperature which is not [illegible]

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the bomb test data portion of the form, be inserted in place of either the oil gradient and water gradient, and that both of these be deleted. We feel that the bottom temperature is hardly going to vary from well to well in the field at the same depth, and we do feel that by moving the bottom hole temperature out of this packed column, we could insert a very necessary column under bomb test data, which would be "Fluid Gradient, PSI per foot," which is provided in the sonic instrument test data. This information, of course, is unique to each test and should be inserted opposite each well report. We have one minor suggestion on the wording at the base of the form inthe instructions, where it says, "Bomb shall be calibrated with dead weight tester, both before and after test." We suggest that that - - if any instruction to this effect is included, that it might be amended such that calibrations with dead weight tester should be frequent enough to insure accurate measurement. It seems to us that it would seldom be practical to calibrate the bomb before and after each well test, and I understand that this is included in the rules and would be my recommendation that the Commission consider this at an early hearing for revision in the rules. It doesn't appear to be practical.

I would commend the Commission for their work on these rules and with consideration for these suggestions or suggested changes, I would have their ready approval.

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MR. UTZ: Mr. Nutter,would it be your suggestion that these statements be filed in writing either now or within ten days?

MR. NUTTER: It doesn't make any difference as far as I am concerned.

MR. DURRETT: They will be in the record.

MR. UTZ: Well, so you wouldn't have to wait on the record.

MR. DURRETT: We always wait on the record.

MR. UTZ: You are making notes on them?

MR. NUTTER: I am making notes on them so I can check the transcript.

MR. PORTER: Might depend on how lengthy some of these statements became.

MR. UTZ: Are there other statements?

MR. LYONS: B. M. Lyons with Continental Oil Company. Continental Oil Company is aware of the progress that is being made in the standardization of forms, and we certainly are in general, in favor of these revisions. There are two items that I would like to comment on. First is Form C-[illegible]. We have in recent years, on all wells in which we request DST information, a Halliburton DST recorder and it provides very interesting, and has in fact saved production, and in several cases almost ruined, that is based on a shrewd. In

required to C-108, we are somewhat concerned about the approval that are provided for collection, gathering, easing, pressure and temperature and pressure. As a result, Conoco operates some 1,400 wells in Southeast New Mexico on some 200 -eases, and to my knowledge, there are none of these, none of the best systems equipped to measure separator temperature. In order to do this, would require a modification on each of these test separators at a cost of approximately $400.00, or about $20,000.00 for all of our leases, but this is just the beginning. We are well advanced toward the complete automation of a large portion of our production operations in Southeast New Mexico, whereby data recorded and transmitted approximately a thousand wells will be tested automatically. In order to obtain this additional information automatically, it will be necessary to modify our proposed system, which within three months will be completed, to incorporate additional sensors and emitters or A and A-10 signals and converters to convert the signal into a digital signal, which will require the additional expenditure of at least a million dollars. This does not include added cost for operation of the system. I think that the additional information is necessary which we need, but we have to weigh the cost with. We do know that the suggestion will increase the cost of the project by approximately 10 percent. Combination gas and oil wells



on our company or the industry as a whole. We wanted to point this out to you to make sure you were aware of what this could mean to our operations. I might also point out that requiring this information would probably render obsolete every existing automatic battery, tank battery, in the State of New Mexico.

We recommend that if these spaces are retained on this proposed C-116, that the information not be required, but permissive only.

MR. NUTTER: This is the first time I ever heard a guy call a million dollar burden an onerous burden.

MR. UTZ: Mr. Lyon, I am correct, now, that you have not been using gas temperature for your GOR test in the past?

MR. LYON: I think that assumption would be correct.

MR. UTZ: The temperature makes quite a bit of difference in volume.

MR. LYON: Yes, sir, I think it makes some difference, but there is also a difficulty in determining which is the proper place in the separator to record this temperature, inasmuch as the gas breaking out surrounding makes temperature vary considerably over the vessel, and I think it would be a better place to record the temperature at the point where the meter is installed with orifice.

MR. UTZ: Then, you do measure your GOR, or gas volume, with an orifice meter?

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MR. LYON: Where we have an orifice meter and the gas being measured does go into the system. I believe in most cases provision to record the temperature should be made, but where the gas is vented, of course, there is no provision for recording temperature.

MR. UTZ: You don't have a thermometer in the test division?

MR. LYON: No, sir.

MR. UTZ: Other statements? Mr. Kellahin:

MR. KELLAHIN: Mr. Examiner, after the fine presentation that has been made by Mr. Nutter, there is really not much more to be said in behalf of these forms. I think it has been clearly shown that the Oil Commission and the industry have been working together in an effort to simplify procedure in New Mexico, and make them more uniform. In this connection, make them uniform with other states, and in this connection, I am afraid New Mexico is at the forefront as the only state that has adopted these IOCC forms up to now, to my understanding, and some of those have recently passed conservation legislation. However, I think New Mexico can do an excellent job in leading the way in this connection.

I served as Chairman and am presently Chairman of the Regulatory Practices Committee of New Mexico Oil and Gas Association, and as Mr. Nutter stated, this committee has worked recently on the uniform forms by virtue of a resolution

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adopted by the Executive Committee in 1949. The Executive Committee was appointed March of 1960, and has been working quite consistent ever since that date with the Commission staff,and I want to thank the following for their services: Bob Christy, Norman Woodruff, E. W. Nester, and by no means must we overlook Dave Rainy, who contributed a great amount of work although he was not named on the committee.

As the testimony has shown, and we feel, I believe I can say this on behalf of the association, the testimony that has been given and the comments have been made in connection with this case, clearly show that the industry wants to see these changes made and at the same time, also shows that there is probably a continuing need for further study in connection with these forms, and for that matter, all the other procedures before the Commission. We have recommended to the Oil Commission that the forms be adopted, the changes, of course, which have been suggested, we urge that they also be considered and we thank the Commission for the time that is given to this problem.

MR. UTZ: Mr. Gordon:

MR. GORDON: J. C. Gordon, Jr., for Socony Mobil Oil Company, Inc. We wish to support the bulk of the recommendations made by Mr. Nester in the matter of standardizing forms. It can benefit as much or more than the Commission. However, Socony wishes to recommend the deletion of the requirement in the form,

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entitled C-116, "Separator Temperature Degrees Fahrenheit," and "Gravity Oil," as proposed. These two columns would provide useful but unnecessary information which would be extremely liable to be boiler housed, and therefore, inaccurate. Most routine well tests do not require this information. This data is usally recorded for special well tests, such as a service sample for PVT analysis. Accurate reporting of these pieces of information would require the operator to install additional equipment and this additional cost would also be incurred on the continuing maintenance of the equipment, and the personnel time required for maintenance and recording of the data. These costs in the case of a non-automated lease could amount to aproximately one to $5.00 per well test, depending on testing frequency. The use of accurate measured separator or gas temperature, this calculation for meter gas volumne for routine well tests, would possibly improve our present measurement accuracy by an estimated one percent at a maximum. Since we feel that there is little to be gained, and accurate reporting would require additional expense, Socony recommends the reporting of separator temperature and oil gravity be deleted from the proposed form C-116. In doing there, we would request that it be made optional and/or that the separator temperature be changed to a specific location for measurement of gas temperature, possibly the meter run.

MR. UTZ: I am going to ask Mr. Gordon if you have an

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alternate suggestion for taking temperature and pressure on automation. You have the separator at the location of the test-- I can't think of the word right now.

MR. RAINY: Satellite?

MR. UTZ: Your Lac Unit, do you not?

MR. GORDON: Yes, sir, it would be a battery nearby.

MR. UTZ: Would this be construed that that be the point which you should take your temperature pressure?

MR. GORDON: I believe here that the separator temperature is rather an indefinite term. Are you in the oil section, or upper gas or middle gas section? I think for measurement purposes here, we would normally take gas meter temperatures in the test meter run. This is the location of standard temperature.

MR. NUTTER: I don't have any idea where they intended this separator temperature to be taken. I would just imagine on GOR test for comparative purposes of GORs for given wells in a pool, that your inlet of your oil stream into the separator be what you would want to measure.

MR. GORDON: I don't believe it would have any significance at the inlet.

MR. NUTTER: Seems to me it might have a difference. You might have the reservoir pressure, say, of 140 degrees on one well real close to the separator, and other well a mile and a half away, on a winter day, traveling that mile and a half is going to

lose a lot of the reservoir temperature, going into the separator, and it is going to make a difference how much gas breaks out of it. I think the inlet temperature is a consideration there.

MR. GORDON: If this is their intent, I believe we have been- - gone into a scientific proposition rather than a routine measurement, but if we- -

MR. NUTTER: Let me quickly say, I don't have any idea what they intended by this, really.

MR. GORDON: If they are looking for improved accuracy in measurement, it should be done at the meter run.

MR. NUTTER: The temperature of your gas is measured anyway, isn't it?

MR. GORDON: No, sir.

MR. PORTER: Were these columns included in the IOCC model form?

MR. NUTTER: Yes, in the identical form, with the exception we have added "Unit, section, township and range."

MR. UTZ: Are there other statements?

MR. RAINEY: D. H. Rainey with El Paso Natural Gas. I have one suggested change in the format of the proposed C-[illegible]. I would suggest that the back side of the form be put on upside down because usually these things are stored now in a file and it would be much more susceptible to use if you could just turn it up in the file rather than turn the file.

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MR. NUTTER: Or have the back side printed upside down. I would like to read the following: It is a letter from C. B. Train. "I would like to recommend that the proposed form be printed on one side of two pages rather than two sides of one page."

MR. RAINY: I think it would be much more usable.

MR. DURRETT: Is it acceptable if we just print the front side upside down instead of the back side?

MR. RAINY: It is immaterial to me.

MR. UTZ: Are there other statements?

MR. CHRISTY: R. H. Christy with Amerada. As Chairman of this form subcommittee, I just want to express my appreciation for the cooperation of other members of the committee and especially the members of the El Paso organization who did much of the work during the last year when I was unable to get out here. I think the Commission also should be commended on their attitude. I think that they have been very open minded about this whole thing, and I think they deserve a lot of credit. It shows good cooperation, I think between the industry and the regulatory body.

MR. UTZ: Thank you, Mr. Christy. Are there other statements?

MR. DURRETT: If the Examiner please, I would like to state for the record that we have received communication from Humble, El Paso, and the State Engineer's office, stating that they support the Commission's proposed forms and the rules.

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I would also like to state for the record that we have received a letter from Southern Union supporting the proposed forms and rules in this case, and I believe that letter has been placed in the file of a previous hearing today that it also concerns. We will have a copy made of that and place it in this file, if you so desire.

MR. UTZ: Is there anything further in this case?

MR. DURRETT: If the Examiner please, I have one additional question I would like to ask Mr. Nutter. Mr. Nutter, I believe I neglected to ask you on your direct examination, if you had a recommended day or date that you would suggest for adoption of the forms as proposed, or with the changes that the Commission would deem necessary?

MR. NUTTER: Yes, sir. Now, if the Commission does adopt these forms, or whichever forms that it does adopt, it is going to take considerable time to get a supply of them printed and in the hands of all of the operators. I, therefore, recommend that assuming that an order could be entered in a relatively short time that the forms not be effective prior to July 1st of 1968. Maybe it would be better to put it this way: That at least a two month interval from the date of the order adopting them, be established as the minimum for putting the forms into effect. I would also recommend that the effective date be printed on the form and that in the case of any forms such as Exhibit 1-B, where the form

C-104 supersedes the C-104 and C-[illegible]. that it state this form is superseding these other forms, that this be carried on the form for considerable time, maybe a matter of several years before it would be dropped, so that it would be no possibility of using the old form in lieu of the new form. But, a minimum of two months from the date of the order.

MR. UTZ: Thank you. Is there anything further?

MR. RAMEY: On Form C-104, down here between the oil well test and the gas well test, we have production after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hours. I think perhaps to clarify things, we should scratch that "normal". That is fine on a well zero to five thousand, but- -

UNIDENTIFIED REPRESENTATIVE: Substitute "top" for "normal".

MR. RAINY: Unit allowable for that depth.

MR. RAMEY: I just think you should scratch "normal", probably.

MR. UTZ: Have you made a note of that, Mr. Nutter?

MR. NUTTER: Yes, sir.

MR. UTZ: Anything further in this case? The case will be taken under advisement. The hearing is adjourned.

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STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

I, ROY D. WILKINS, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill, and ability.

WITNESS My Hand and Seal of Office, this 15th day of April, 1964.

NOTARY PUBLIC

My Commission Expires:

September 6, 1967.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 3025, heard by me on April 8-64, 1964.

Examiner
New Mexico Oil Conservation Commission

OIL CONSERVATION COMMISSION
State of New Mexico

CASINGHEAD GAS OR GASOLINE MONTHLY REPORT

Report of El Paso Natural Gas Company for the month of January, 19 52

Address P. O. Box 1492, El Paso, Texas Box 87, Bloomfield, New Mexico
(Company) (Local)

Report All Volumes in M.C.F. at 15.65 lbs. P.S.I.A. at 60° Fahrenheit

Natural Gasoline

		Volume M.C.F.
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	
TOTAL		

Disposition of Residue

					Volume M.C.F.
Plant Fuel	Dry Gas	146,673	CH.	11,371	158,044
Returned for Lease Fuel	Dry Gas	-0-	CH.	-0-	-0-
Sold or Other Disposition (Detail Below)	Dry Gas	3,606,379	CH.	30,708	3,637,087
Returned to Earth	Dry Gas	-0-	CH.	-0-	-0-
Vented	Dry Gas	-0-	CH.	-0-	-0-
Shrinkage	Dry Gas	114,750	CH.	(4,878)	109,872
TOTAL	Dry Gas	3,867,802	CH.	37,201	3,905,003

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M. C. F.
El Paso Natural Gas Company NOTE: All data in reports is included in Dry Gas and casinghead report.	P. O. Box 1492 El Paso, Texas	Transmission Line Sales	3,637,087
TOTAL			3,637,087

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL	-0-	-0-	-0-	-0-	-0-

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator

(Title)

(Please instructions on reverse side)

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of El Paso Natural Gas Company (Name) Monthly (Daily) for January, 19

Address P. O. Box 1492, El Paso, Texas (Main Office) Dev Cnd., Jct., New Mexico (Plant)

Report All Volumes in M. C. F. at .8025 Ba. PSIA at 60° Fahrenheit

INTAKE VOLUME

		Volume Mcf
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	29,[illegible]
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	10,919,691
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2) TEXAS	[illegible]
TOTAL		11,010,961

Disposition of Residue

	Volume MCF
Plant Fuel	436,924
Returned for Lease Fuel	-0-
Sold or Other Disposition (Detail Below)	10,247,927
Returned to Earth	-0-
Vented	2,117
Shrinkage	311,993
TOTAL	11,010,961

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M. C. F.
El Paso Natural Gas Company	P. O. Box 1492 El Paso, Texas	Transmission Line Sales	10,247,927
TOTAL			10,247,927

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosine					
Other					
TOTAL	-0-	-0-	-0-	-0-	-0-

REMARKS: 130,529 MCF shown only to show well tested which goes to [illegible] plant, but directly into transmission line.

I, [illegible] hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator [illegible]

By [illegible]

[illegible]

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of El Paso Natural Gas Company, Operator of Plant, Lee Gas Plant, No. 1

Address P. O. Box 1492, El Paso, Texas (Main Office) Hobbs, New Mexico (Plant)

Report All Volumes in M. C. F. at 15.025 Lbs. PSIA at 60° Fahrenheit

INTAKE VOLUMES

		Volume MCF
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	968,058
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	28,621,176
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	2,490,013*
TOTAL		32,017,247

Disposition of Residue

	Volume MCF
Plant Fuel	886,488
Returned for Lease Fuel	-0-
Sold or Other Disposition (Detail Below)	30,343,247
Returned to Earth	-0-
Vented	17,479
Shrinkage	817,061
TOTAL	32,017,247

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M. C. F.
El Paso Natural Gas Company	P. O. Box 1492 El Paso, Texas	Transmission Line Sales	30,343,247
TOTAL			30,353,247

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline	17,171	-0-	184,709	192,761	9,419
Butane	28,647	0	115,695	121,271	23,071
Propane	225,744	-0-	218,232	279,292	164,684
Kerosine					
Other					
TOTAL	271,562	-0-	518,636	593,324	197,174

REMARKS: *Total of 2,490,013 from Colorado Interstate Gas Company, Eunice Gas Plant, Eunice, New Mexico.

I hereby certify that the above and foregoing is a true and complete report of the operation of the above-named plant for the month of January, 1958.

Name of Person Making Report

Title

(Title, Corporation or Person Making Report)

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER PURIFICATION PLANT MONTHLY REPORT

Report of El Paso Natural Gas Company Month of [illegible] 19[illegible]

Address P. O. Box 1492, El Paso, Texas (Main Office) Eastchaco Gas, Jal, New Mexico (Plant)

Report All Volumes in M. C. F. at 15.025 lbs. PSIA at 60° Fahrenheit

INTAKE VOLUME

			Volume MCF
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)		2,371,141
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)		38,461
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	TEXAS FLASH	12,887 5,558
TOTAL			2,757,587

Disposition of Residue

	Volume MCF
Plant Fuel	199,156
Returned for Lease Fuel	-0-
Sold or Other Disposition (Detail Below)	2,130,214
Returned to Earth	-0-
Vented	9,927
Shrinkage	418,290
TOTAL	2,757,587

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M. C. F.
El Paso Natural Gas Company	P. O. Box 1492 El Paso, Texas	Transmission Line Sales	2,130,214
TOTAL			2,130,214

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline	5,056	-0-	94,313	93,689	5,780
Butane	8,732	-0-	97,304	82,212	24,824
Propane	75,056	-0-	75,795	122,674	28,177
Kerosene					
Other					
TOTAL	89,344	-0-	[illegible]	298,575	58,781

REMARKS: .....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator .....

.....

(Title) .....

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas–Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information above is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

	Southeastern New Mexico		Northwestern New Mexico
T. Anhy	T. Canyon		T. Ojo Alamo
T. Salt	T. Strawn		T. Kirtland-Fruitland
B. Salt	T. Atoka		T. Pictured Cliffs
T. Yates	T. Miss		T. Cliff House
T. 7 Rivers	T. Devonian		T. Menefee
T. Queen	T. Silurian		T. Point Lookout
T. Grayburg	T. Montoya		T. Mancos
T. San Andres	T. Simpson		T. Gallup
T. Glorieta	T. McKee		T. Dakota
T. Paddock	T. Ellenburger		T. Morrison
T. Blinebry	T. Gr. Wash		T. Todilto
T. Tubb	T. Granite		T. Entrada
T. Drinkard	T. Delaware Sand		T. Wingate
T. Abo	T. Bone Springs		T. Chinle
T. Wolfcamp	T.		T. Permian
T. Penn.	T.		T. Penn.
T. Cisco (Bough C)	T.		T.

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS – OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

FORM C-110-A

(Revised-60)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL FROM A COMMINGLED BATTERY

FILE THE ORIGINAL AND 3 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator			Commingling Order No.	
Pool(s)			County	
Location of battery	Unit Letter	Section	Township	Range
Authorized transporter of oil		Address (give address to which approved copy of this form is to be sent)		

List Leases and wells producing into commingled battery

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19___.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

THIS FORM IS NOT TO BE USED FOR REPORTING PACKER LEAKAGE TESTS IN SOUTHEAST NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FORM PL-NW-1
REV. 3-1-64

Operator		Well Name			Well No.
Location of Well Unit Sec. Twp. Rge.		TYPE OF TEST →	Annual - (Give Year)	Initial - (Give Date)	☐ NEW ☐ OWWO
UPPER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING	☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING
LOWER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING	☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
FLOW TEST NO. 1			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURES - PSIG CASING	SHUT-IN ZONE PRESSURES - PSIG TUBING	PRODUCING ZONE PRESSURES - PSIG FLOWING	PRODUCING ZONE PRESSURES - PSIG WORKING	FLOWING TEMP °F	REMARKS:

GAS	MCFD	METER ☐	CHOKE ☐	OIL	Rate - BBL/D	Gravity °API

REMARKS:

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
FLOW TEST NO. 2			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	PRODUCING ZONE PRESSURES - PSIG FLOWING	PRODUCING ZONE PRESSURES - PSIG WORKING	SHUT-IN ZONE PRESSURES - PSIG CASING	SHUT-IN ZONE PRESSURES - PSIG TUBING	FLOWING TEMP °F	REMARKS:

GAS	MCFD	METER ☐	CHOKE ☐	OIL	Rate - BBL/D	Gravity °API

REMARKS:

The results of this test indicate (No Packer Leakage)(Packer Leakage) in this well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

APPROVED _____, 19 _____
NEW MEXICO OIL CONSERVATION COMMISSION

BY _____

OPERATOR _____

BY _____

TITLE _____

DATE _____

22-ISOR (Rev. 3-64)

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

10. Field and Pool, or Wildcat

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. **ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas–Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information above is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	
T. Salt	T. Strawn	T. Kirtland-Fruitland	
B. Salt	T. Atoka	T. Pictured Cliffs	
T. Yates	T. Miss	T. Cliff House	
T. 7 Rivers	T. Devonian	T. Menefee	
T. Queen	T. Silurian	T. Point Lookout	
T. Grayburg	T. Montoya	T. Mancos	
T. San Andres	T. Simpson	T. Gallup	
T. Glorieta	T. McKee	T. Dakota	
T. Paddock	T. Ellenburger	T. Morrison	
T. Blinebry	T. Gr. Wash	T. Todilto	
T. Tubb	T. Granite	T. Entrada	
T. Drinkard	T. Delaware Sand	T. Wingate	
T. Abo	T. Bone Springs	T. Chinle	
T. Wolfcamp	T.	T. Permian	
T. Penn.	T.	T. Penn.	
T. Cisco (Bough C)	T.	T.	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For mutiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo
T. Salt	T. Strawn	T. Kirtland-Fruitland
B. Salt	T. Atoka	T. Pictured Cliffs
T. Yates	T. Miss	T. Cliff House
T. 7 Rivers	T. Devonian	T. Menefee
T. Queen	T. Silurian	T. Point Lookout
T. Grayburg	T. Montoya	T. Mancos
T. San Andres	T. Simpson	T. Gallup
T. Glorieta	T. McKee	T. Dakota
T. Paddock	T. Ellenburger	T. Morrison
T. Blinebry	T. Gr. Wash	T. Todilto
T. Tubb	T. Granite	T. Entrada
T. Drinkard	T. Delaware Sand	T. Wingate
T. Abo	T. Bone Springs	T. Chinle
T. Wolfcamp	T.	T. Permian
T. Penn.	T.	T. Penn.
T. Cisco (Bough C)	T.	T.

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

I *hereby* certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS - OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ (Signature) _____ (Title) _____ (Date)

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

▼ NEW MEXICO OIL CONSERVATION COMMISSION
P.O. Box 871, SANTA FE, NEW MEXICO

Proposed Form C-111 and C-115.
SUBMIT: Original and 1 Copy to Santa Fe
1 Copy to District Office
1 Copy to Hobbs District Office

PURCHASER'S AND OPERATOR'S MONTHLY REPORT

El Paso Natural Gas Company (Transmission Company) P.O. Box 1492, El Paso, Texas 79999 (Address) (Co.'s) (Plant) (Page)

METER CODE	TYPE LEASE	LOCATION UNIT	SEC	TWP	RGE	POOL OPERATOR WELL NAME	TYPE WELL	GAS PRODUCED MCF	DAYS PROD.	OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	OIL CODE	BARRELS OF WATER PRODUCED	DISPOSITION OF GAS SOLD MCF	PURCHASER	OTHER MCF	CODE	BEGINNING NET ALLOWABLE	REMARKS

SAMPLE COPY OF PROPOSED FORM CASE 3027 ACTUAL SIZE 11" X 15"

TYPE LEASE CODE
0- Unknown
1- Fee
2- Federal
3- Indian
4- State
5- Comm.
6- Unitized

TYPE CODE
G- Gas Well High Pressure
O- Oil Well
L- Gas Well Low Pressure
H- High Pressure Well Associated with Low Pressure Gas
N- New Well
P- Not processed through Plant

OIL DISPOSITION CODE
C- Circulating Oil
L- Lost
S- Sedimentation (B.S.&W.)
E- Explanation Attached
T- Trucks
P- Pipeline

'OTHER' GAS DISPOSITION CODE
X- Use Off Lease
D- Used For Drilling
L- Lost (MCF Estimated)
E- Explanation Attached
R- Repressuring or Pressure Maintenance
G- Gas Lift
V- Vented
U- Used On Lease

PROVATION

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of lawful age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19____

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____ (*Name of party making report*), being of lawful age and having full knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of _____, that on _____, 19___ I personally supervised the setting of a _____ (*Make & type of packer*) in _____ (*Operator of well*), _____ (*Lease name*), Well no. _____ located in the _____ field, _____ county, state of _____, at a subsurface depth of _____ feet, said depth measurement having been furnished me by _____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(*Signature*)

_____
(*Title*)

_____
(*Date*)

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH | 13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-685231

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685229

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

7. UNIT AGREEMENT NAME

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

8. FARM OR LEASE NAME

2. NAME OF OPERATOR

9. WELL NO.

3. ADDRESS OF OPERATOR

10. FIELD AND POOL, OR WILDCAT

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1961 O 633655

Rule 1103 - Written Notices of Requests, Permits, and Reports.

The forms hereinafter mentioned shall be used for the purposes shown on each of the several forms and in accordance with the rules requiring the use of said forms and the instructions printed thereon. They are:

Form C-101: Application for Permit to Drill, Deepen, or Plug Back.

Form C-102: Well Location and Acreage Dedication Plat.

Form C-103: Sundry Notices and Reports on Wells.

Form C-104: Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas.

Form C-105: Well Completion or Recompletion Report and Log.

Form C-106: Notice of Intention to Utilize Automatic Custody Transfer Equipment.

Form C-107: Application for Multiple Completion.

Form C-108: Application to Dispose of Salt Water by Injection into a Porous Formation.

Form C-111: Gas Purchaser's Monthly Report.

Form C-112: Transporter's and Storer's Monthly Report.

Form C-113: Refiner's Monthly Report.

Form C-115: Operator's Monthly Report (Oil Condensate and Gas).

Form C-115-EDP: Operator's Monthly Report (Electronic Data Processing)

~~Form C-115 and C-111: Gas Purchaser's and Operator's Monthly Report.~~

Form C-116: Gas/Oil Ratio Tests.

Form C-117-A: Sediment Oil Disposition Permit.

Form C-117-B: Sediment Oil Recovery Permit.

Form C-118: Treating Plant Report.

Form C-119: Carbon Black Plant Report.

Form C-120: Monthly Injection Report.

Rule 1103 - Written Notices of Requests, Permits, and Reports.

The forms hereinafter mentioned shall be used for the purposes shown on each of the several forms and in accordance with the rules requiring the use of said forms and the instructions printed thereon. They are:

Form C-101: Application for Permit to Drill, Deepen, or Plug Back.

Form C-102: Well Location and Acreage Dedication Plat.

Form C-103: Sundry Notices and Reports on Wells.

Form C-104: Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas.

Form C-105: Well Completion or Recompletion Report and Log.

Form C-106: Notice of Intention to Utilize Automatic Custody Transfer Equipment.

Form C-107: Application for Multiple Completion.

Form C-108: Application to Dispose of Salt Water by Injection into a Porous Formation.

Form C-111: Gas Purchaser's Monthly Report.

Form C-112: Transporter's and Storer's Monthly Report.

Form C-113: Refiner's Monthly Report.

Form C-115: Operator's Monthly Report (Oil Condensate and Gas).

Form C-115-EDP: Operator's Monthly Report (Electronic Data Processing)

~~Form C-115 and C-111: Gas Purchaser's and Operator's Monthly Report.~~

Form C-116: Gas/Oil Ratio Tests.

Form C-117-A: Sediment Oil Disposition Permit.

Form C-117-B: Sediment Oil Recovery Permit.

Form C-118: Treating Plant Report.

Form C-119: Carbon Black Plant Report.

Form C-120: Monthly Injection Report.

Form C-120-A: Monthly Water Disposal Report.

Form C-121: Crude Oil Purchaser's Nomination.

Form C-121-A: Purchaser's Gas Nomination.

Form C-122: Multipoint Back Pressure Test for Gas Wells.

Form C-122-A: Gas Well Test Data Sheet - San Juan Basin.

Form C-122-B: Initial Potential Test Data Sheet.

Form C-122-C: One-Point Back Pressure Test for Gas Well Data Sheet (Deliverability).

Form C-123: Request for the Extension of Existing Pool or the Creation of a New Pool.

Form C-124: Reservoir Pressure Report.

Form C-125: Shut-in Pressures on Gas Wells.

Form C-126: Permit to Transport Recovered Load Oil.

Form C-127: Request for Allowable Change.

Rule 1104 - Notice of Intention to Drill (Form C-101)

Before beginning drilling operations, the owner or operator of the well shall give notice hereof by filing with the Commission in QUINTUPLICATE, completely filled out Form C-101. A copy of the notice will be returned by the Commission to the applicant, on which will be noted the Commission's approval with any modifications considered advisable, or the rejection of the plan submitted. Drilling operations shall not begin until this approval is obtained and until a bond has been submitted and approved as required by Rule 101. (Note: On State Land, the State Land Office requires 1 copy of Form C-101; therefore in that case submit 6 copies).

The form C-101 must be accompanied by three copies of Form C-102, Well Location and Acreage Dedication Plat.

Rule 1105 - Well Location and Acreage Dedication Plat (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

Form C-102 shall be submitted in TRIPLICATE with Form C-101 in accordance with Rule 1104.

An amended Form C-102 shall be submitted in the event that there is a change in any of the information required thereon. The well location need not be certified when filing an amended Form C-102.

Rule 1106 - Sundry Notices and Reports on Wells (Form C-103)

Form C-103, Sundry Notices and Reports on Wells, shall be filed by the operator in TRIPLICATE and approval obtained from the District Office of the Commission before starting operations leading to:

1. Performing remedial work.
2. Temporary abandonment of a well.
3. Pull or alter casing.
4. Plug and abandon.
5. Change plans.
6. Operations not specifically covered above.

Form C-103 shall not be required to cover the operations described in Item 1 above for new wells in the process of completion; however, after work is done and results obtained, information is then filed on Form C-103.

In the case of well-plugging operations, the notice shall give a detailed statement of the proposed work, including length and depth of plugs, plans for mudding, cementing, shooting, testing and removing casing, and the date of the proposed plugging operations. Failure to file notice before plugging shall constitute grounds for delaying the release of the bond. If not previously filed, a complete log of the well on Form C-105 shall accompany the notice of intention to plug the well, and the bond will not be released until this is complied with.

Form C-103 shall also be used in reporting various completed operations, such as:

1. Remedial work.
2. Commencement of Drilling Operations (spudding date).
3. Casing test and cement jobs.
4. Altering casing.
5. Plug and Abandon.
6. Change in ownership of drilling well.
7. Operations which affect the original status of the well and which are not specifically covered herein.

Information to be entered on Form C-103 for a particular operation is as follows:

1. Report on Remedial Work

   Within thirty days following the completion of remedial work on a well, a report on the operation shall be filed with the Commission on Form C-103, submitted in QUADRUPLICATE. Such report shall be filed by the operator of the well and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water

both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.

2. Report on squeeze job.

3. Report on setting of a liner, packer or pump.

4. Report on installation of gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

2. Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file with the Commission a report on Form C-103 in TRIPLICATE. Such report shall indicate the date well is spudded and any other pertinent data not previously submitted on Forms C-101 or C-102, whichever is applicable.

3. Report on Results of Test of Casing Shut-off

A report on a test of casing shut-off shall be filed with the Commission on Form C-103, in TRIPLICATE, within ten days following the completion of the test. Such report shall be filed by the owner of the well and shall indicate any changes in the casing program previously outlined and approved on Form C-101 or C-102, whichever is applicable. The report shall also present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information.

4.

5. Report on Plugging of Well

Within thirty days following the completion of plugging operations on any well, a record of the work done shall be filed with the Commission in TRIPLICATE, on Form C-103.

Such report shall be filed by the owner of the well and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent

information. No plugging report submitted on Form C-103 shall be approved by the Commission unless such report specifically states that pits have been filled and the location levelled, and cleared of junk. The filing of Form C-105, "Well Record," is also necessary to obtain Commission approval of a plugging report.

It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission to arrange for an inspection of the plugged well and the location by a Commission representative.

6. Report on Change in Ownership of Drilling Well

Within ten days following the official change in ownership of a drilling well, such change in ownership will be reported to the Commission on Form C-103, submitted in TRIPLICATE. Such report shall be filed by the new owner of the well, and shall include the name and address of the previous owner, the effective date of the change in the ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission until a $5,000.00 one-well plugging bond or a $10,000.00 blanket plugging bond has been filed with and approved by the Commission in the name of the new owner.

7. Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

Rule 1107 - Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas (Form C-104)

a. It is necessary that this form be submitted completely filled out by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-104 is to be submitted in QUINTUPLICATE to the Commission District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 a.m. on the date of completion, provided completion report is filed during month of completion. The completion date shall be that date, in the case of an oil well, when oil is delivered into the stock tanks. Provided, however, that a well will not be assigned an allowable unless Form C-102, Well Location and Acreage Dedication Plat, has been filed with the Commission showing the location of the well and the amount and status of the acreage dedicated thereto.

b. Whenever there shall occur a change in the operating ownership or any producing well, or whenever there shall occur a change of transporter from any producing well, or whenever there shall occur a change of well numbers or lease designation, Form C-104 shall be executed and filed in accordance with appropriate instructions; except that in the case of a temporary change in transporter when oil is moved from any lease by anyone other than the transporter authorized by the Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing the

information as instructed by the District Office. The operator shall also furnish copies of such notification to the regular transporter and to the temporary transporter.

Rule 1108 - Well Completion or Recompletion Report and Log

In the case of well-plugging operations, a complete record of the well on Form C-105 with the log or logs run on the well shall accompany the notice of intention to plug the well, if not previously filed.

Rule 1109 - Notice of Intention to Utilize Automatic Custody Transfer Equipment (Form C-106)

Rule 1110 - Application for Multiple Completion (Form C-107)

Rule 1111 - Application to Dispose of Salt Water by Injection into a Porous Formation (Form C-108)

Rule 1112 - Gas Purchaser's Monthly Report (Form C-111)

All gas produced from natural gas wells and all casinghead gas produced which is taken into a 1) field system or other system, 2) gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil or other liquid products are extracted from the gas within the State of New Mexico, shall be reported monthly on Form C-111. Where such natural or casinghead gas is taken by the producer, then the producer shall make such report. In case said gas is taken at the well by any person other than the producer, then such person taking said gas shall make the report. Form C-111 shall be postmarked on or before the 15th of the month for all of said gas taken during the preceding month and shall be submitted directly to the appropriate District Office of the Commission as well as to the Commission Offices at Santa Fe and Hobbs.

Rule 1113 - Transporter's and Storer's Monthly Report (Form C-112)

Each transporter and/or storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

Rule 1114 - Refiner's Monthly Report (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the

information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

Rule 1115 - Operator's Monthly Report (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Repeated failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-104 for the affected well or wells.

Rule 1116 - Gas-Oil Ratio Test (Form C-116)

A gas-oil ratio test shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Test. This form shall be submitted in DUPLICATE.

Rule 1117 - Sediment Oil Disposition Permits (Form C-117-A and C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted in TRIPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
(4) Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of Sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
(6) Disposition

Rule 1118 - Treating Plant Operator's Monthly Report (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain the following information:

(1) Name of treating plant operator
(2) Location of plant or plants
(3) Source of each individual acquisition
(4) Number of permit authorizing acquisition
(5) Gross volume of sediment oil acquired from each source
(6) Net amount of pipeline oil recovered from each acquisition

Rule 1119 - Carbon Black Plant Monthly Report (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports containing information as required by the form shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month.

Rule 1120 - Monthly Injection Report (Form C-120) and Monthly Water Disposal Report (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15tn day of the second succeeding month.

Rule 1121 - Purchaser's Nomination Form (Form C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, and Form C-121-A, Gas Purchaser's Nomination, shall be submitted to the Commission not later than the 1st of the month prior to said Commission's statewide proration hearing on nominations for the succeeding month. Form C-121 and Form C-121-A shall be mailed to the Oil Conservation Commission, P. O. Box 2088, Santa Fe, New Mexico.

Rule 1122 - Multi-Point Back Pressure Test for Gas Wells (Form C-122), Gas Well Test Data (C-122-A), Initial Potential Test Data Sheet (C-122-B), One-Point Back Pressure Test for Gas Wells (C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-112-B and C-122-C shall be submitted

according to applicable special pool rules and proration orders.

Rule 1123 - Request for the Extension of an Existing Pool or the Creation of a New Pool (Form C-123)

The owner or operator of a well which requires the creation or extension of a pool shall be given written instruction by the appropriate District Office in regard to the filing of Form C-123 in DUPLICATE.

Rule 1124 - Bottom Hole Pressures (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

Rule 1125 - Shut-in Pressures on Gas Wells (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402.

Rule 1126 - Permit To Transport Recovered Loan Oil (Form C-126)

Form C-125 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1109 (b).

Rule 1127 - Oil Producers Allowable Change (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

Rule 1128 - Forms Required on Wells Located on Federal Land

Federal forms in lieu of State Forms will be used in Federal Lands in New Mexico when filing Application for Permit to Drill, Sundry Notices and Reports on Wells or Well Completion or Recompletion Report and Log. However, it shall be the duty of each operator in the State of New Mexico that drills on Federal Land to submit two (2) extra copies of each of such forms to the USGS who will approve same and transmit them to the Commission on those forms provided by the USGS. The following USGS forms will be accepted in lieu of the regular Commission forms from operators of wells on Federal Land:

USGS FORM	TITLE OF FORM	OCC FORM
9-331-C	Application for Permit to Drill, Deepen or Plug Back	C-101
9-331	Sundry Notices and Reports on Wells	C-103
9-330	Well Completion or Recompletion Report and Log	C-105

The preceding forms, as may be revised, are the only forms that may be submitted in the place of the regular Commission forms.

After a well is completed and ready for pipeline connection, Oil Conservation Commission Forms C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

Case ——— .

In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

In the above-styled cause, the Commission proposes to consider the adoption of various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting oil and gas activity to state regulatory agencies. The forms have also been adopted and recommended by the Regulatory Practices Committee and the Executive Committee of the New Mexico Oil and Gas Association.

Adoption of the forms by the Commission will also entail amendment to numerous rules and orders of the Commission, particularly in Section M of the Rules and Regulations, wherein reference is made to title or form number of existing forms which would be revised, or where detailed instructions for completing and filing of ~~said forms would be contained~~ with the proposed forms would not be consonant with the proposed forms.

It is further proposed to amend Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools in the State of New Mexico as promulgated by Order No. R-1670

It is further proposed to amend Rule 1121 of the Commission Rules and Regulations to require that gas purchasers' nominations be submitted not later than the first day of the month during which the nominations will be considered at the monthly allowable hearing

It is also proposed that said Rule 7(A) be further amended to require that gas purchasers shall file a supplemental nomination for the purchase of gas each month.

Copies of all proposed forms are available at the Office of the Oil Conservation Commission, State Land Office Building, Santa Fe.

Forms C-104, C-110

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

POTENTIAL TEST AND REQUEST FOR ALLOWABLE
AND/OR
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. DESIGNATE TYPE OF COMPLETION - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Operator								
Address								

II. DESCRIPTION OF WELL AND LEASE

Lease Name		Well No.	County
Location		Elevation	
Permit No	Date Issued	Previous Permit No.	Date Issued
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	
Perforations ___ Producing Interval ___		Depth Casing Shoe	Tubing Depth

III. TEST DATA - OIL WELL

Date of 1st Prod.	Date of Test	Producing Method (Flow, Pump, Gas Lift, Etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test*	Oil - Bbls.	Water - Bbls.	Gas - MCF

*Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.

IV. TEST DATA - GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method - (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Oil Transporter		Gas Transporter			
Address		Address			
If well produces oil or liquids, give location of tanks		Unit	Sec.	Twp.	Rge.
Reason for filing form					

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. New Mexico Oil Conservation Commission

I HEREBY CERTIFY THIS THE ____ DAY OF _____, 19__

BY _____

TITLE _____

OIL CONSERVATION COMMISSION

APPROVED _____, 19__

BY _____

TITLE _____

CERTIFICATE OF COMPLIANCE AND/OR

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE ~~1103~~ 1104		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME

TITLE

DATE

▼ NEW MEXICO OIL CONSERVATION COMMISSION

P.O. Box 871, Santa Fe, New Mexico

PURCHASER'S AND OPERATOR'S MONTHLY REPORT

Proposed Form C-111 and C-115.
Submit: Original and 1 Copy to Santa Fe
1 Copy to District Office
1 Copy to Hobbs District Office

El Paso Natural Gas Company (Transmission Company) P.O. Box 1492, El Paso, Texas 79999 (Address) _____ (Date) _____ (Plant) _____ (Page)

METER CODE	NAME	LOCATION UNIT	SEC	TWP	RGE	POOL / OPERATOR / WELL NAME	TYPE	GAS PRODUCED MCF	DAYS PROD	OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	OIL CSD	BARRELS OF WATER PRODUCED	DISPOSITION OF GAS: SOLD MCF	PURCHASER	OTHER MCF	CODE	BEGINNING NET ALLOWABLE	REMARKS

SAMPLE COPY OF PROPOSED FORM CASE 3027 ACTUAL SIZE 11" X 15"

TYPE LEASE CODE
0- Unknown
1- Fee
2- Federal
3- Indian
4- State
5- Comm.
6- Unitized

TYPE CODE
G- Gas Well High Pressure
O- Oil Well
L- Gas Well Low Pressure
H- High Pressure Well Associated with Low Pressure Gas
N- New Well
P- Not processed through Plant

OIL DISPOSITION CODE
C- Circulating Oil
L- Lost
S- Sedimentation (BSW)
E- Explanation Attached
T- Trucks
P- Pipeline

'OTHER' GAS DISPOSITION CODE
X- Use Off Lease
D- Used For Drilling
L- Lost (MCF Estimated)
E- Explanation Attached
R- Repressuring or Pressure Maintenance
G- Gas Lift
V- Vented
U- Used On Lease

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY_____ BOTTOM HOLE PRESSURES _____ POOL

POOL DATUM_____ NOMINAL SHUT-IN TIME_____ HRS: AVERAGE POOL TEMPERATURE_____ F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY_____ BOTTOM HOLE PRESSURES _____POOL

POOL DATUM_____NOMINAL SHUT-IN TIME_____HRS: AVERAGE POOL TEMPERATURE_____F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY _____ BOTTOM HOLE PRESSURES _____ POOL

POOL DATUM _____ NOMINAL SHUT-IN TIME _____ HRS: AVERAGE POOL TEMPERATURE _____ F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY _____ BOTTOM HOLE PRESSURES _____ POOL

POOL DATUM _____ NOMINAL SHUT-IN TIME _____ HRS: AVERAGE POOL TEMPERATURE _____ F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

C-101

Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

55.C PROPOSED

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for ~~Federal~~ or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage: Acres

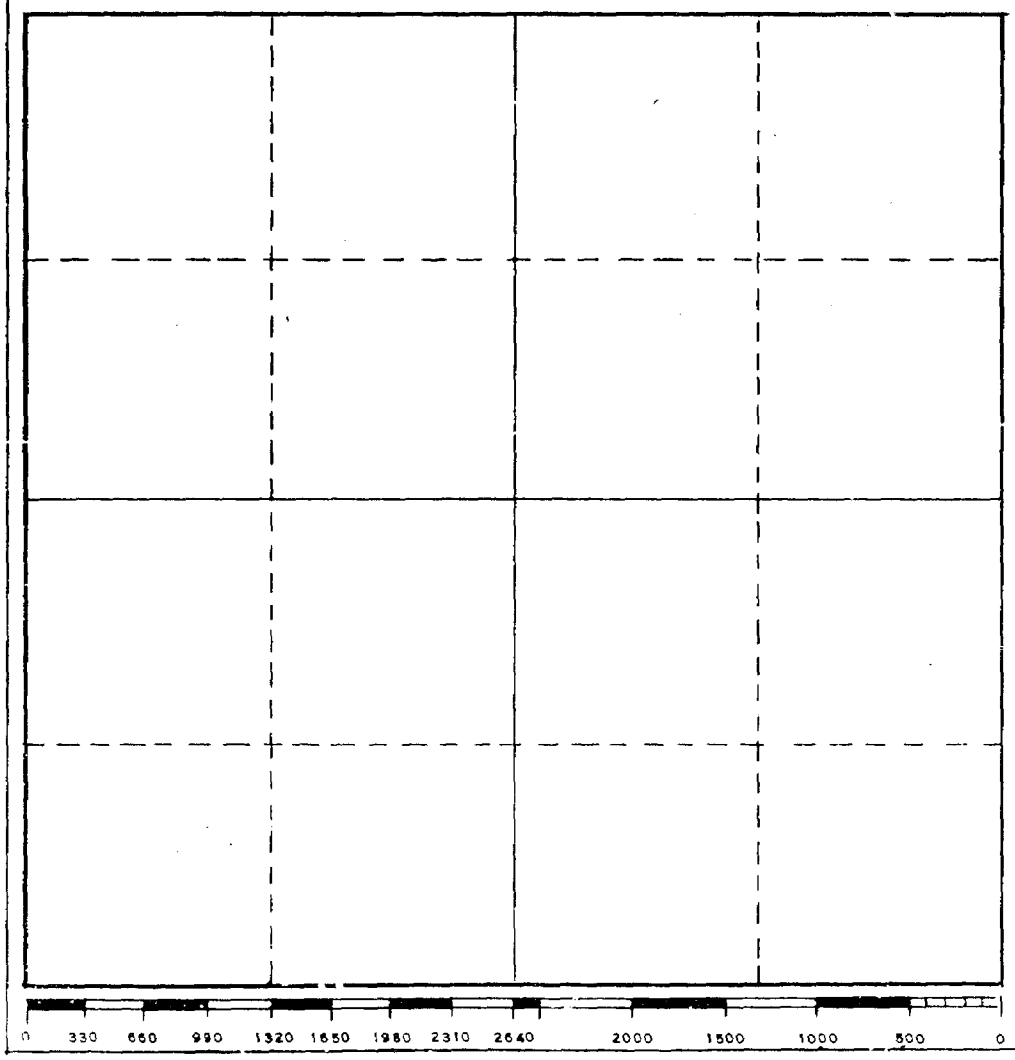
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-103
Supersedes C-102 and C-103

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT –" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)* **Change in Transporter** *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	New Well ☐ Re-completion ☐ Change in Ownership ☐ Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION _____ , TOWNSHIP _____ , RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*	Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*
Address	Address

If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
			Depth Casing Shoe

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator

Address

REASON (S) FOR FILING *(Check proper box)*

Change in Transporter *(Check One)*

OIL ☐ DRY GAS ☐

CASINGHEAD GAS ☐ CONDENSATE ☐

New Well ☐ Re-completion ☐ Change in Ownership ☐

Other *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION _____ , TOWNSHIP _____ , RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

** Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____ , 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and re-completed wells.

Fill out Sections I, II and III for change of owner, well name or number, transporter or other change of condition.

C-105

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico				Northwestern New Mexico	
T. Anhy		T. Canyon		T. Ojo Alamo	
T. Salt		T. Strawn		T. Kirtland-Fruitland	
B. Salt		T. Atoka		T. Pictured Cliffs	
T. Yates		T. Miss		T. Cliff House	
T. 7 Rivers		T. Devonian		T. Menefee	
T. Queen		T. Silurian		T. Point Lookout	
T. Grayburg		T. Montoya		T. Mancos	
T. San Andres		T. Simpson		T. Gallup	
T. Glorieta		T. McKee		Base Greenhorn	
T. Paddock		T. Ellenburger		T. Dakota	
T. Blinebry		T. Gr. Wash		T. Morrison	
T. Tubb		T. Granite		T. Todilto	
T. Drinkard		T. Delaware Sand		T. Entrada	
T. Abo		T. Bone Springs		T. Wingate	
T. Wolfcamp		T.		T. Chinle	
T. Penn.		T.		T. Permian	
T. Cisco (Bough C)		T.		T. Penn.	
				T. Granite	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

C-108

Form ~~C-130-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-110~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of	
Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSINE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS–OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-119

Form C-119

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity – MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

C-121-A
Form C-121-A
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column.*
2. *When making a supplemental nomination whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

Form C-127
(Revised 12-1-55)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OIL PRODUCERS NOMINATION

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____19_____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing _____ Signed_____

Operator Title_____

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane
---	---	---	---	---	---

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 REVISED

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY_____ BOTTOM HOLE PRESSURES _____POOL

POOL DATUM_____NOMINAL SHUT-IN TIME_____HRS: AVERAGE POOL TEMPERATURE_____F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 Revised

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY _____ BOTTOM HOLE PRESSURES _____ POOL

POOL DATUM _____ NOMINAL SHUT-IN TIME _____ HRS: AVERAGE POOL TEMPERATURE _____ F°

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for ~~Federal or~~ State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-102 C-103
Supersedes C-102 and C-103
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐			COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	CHANGE PLANS	☐	CASING TEST AND CEMENT JOB	☐		
OTHER	☐			OTHER	☐		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)* **Change in Transporter** *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	New Well ☐ Re-completion ☐ Change in Ownership ☐ Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County
Location UNIT LETTER _____ : _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SECTION _____, TOWNSHIP _____, RANGE _____ NMPM.			

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

** Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 .

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI for changes of [illegible] or other such change of condition.

C-105

Form C-105

REVISED

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion -- Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping -- Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Gas -- Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Oil Gravity -- API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	
T. Salt	T. Strawn	T. Kirtland-Fruitland	
B. Salt	T. Atoka	T. Pictured Cliffs	
T. Yates	T. Miss	T. Cliff House	
T. 7 Rivers	T. Devonian	T. Menefee	
T. Queen	T. Silurian	T. Point Lookout	
T. Grayburg	T. Montoya	T. Mancos	
T. San Andres	T. Simpson	T. Gallup	
T. Glorieta	T. McKee	Base Greenhorn	
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinebry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp	T.	T. Chinle	
T. Penn.	T.	T. Permian	
T. Cisco (Bough C)	T.	T. Penn.	
		T. Granite	

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

C-108

Form ~~C-120-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE –	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-~~100~~ C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume

	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition

	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~G-108~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)

PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of	Address

Total Stock Beginning of Month	BARRELS

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of	Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS-OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-119

Form C-119

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity — MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____

(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary nomination period.*
2. *When making a supplemental nomination, whether anticipated demand is the same as [illegible] fill in the preliminary nomination previously made for that month as well as the supplemental nomination which [illegible].*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month prior to which the [illegible] are to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 (Revised)

RECORD

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

PROVATION

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of [illegible] age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19___

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1 Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed.

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C.

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B) (Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118) (Same as old Rule 1117)

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119) (Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A) (Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C) (Same as old Rule 1121)

RULE 1123 REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123) (Same as old Rule 1122)

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124) (Same as old Rule 1123)

RULE 1125 GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph.

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127) (Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices' mailing addresses will be included)

In addition to the above rule changes, numerous other non-substantive changes will be made throughout the Rules and Regulations where reference is made to a Form number or title which would not be consistent with the proposed changes.

9-1-A

C-101

Form C-101

PROPOSED
5-A Check Copy

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well — DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well — UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth | 19A. Formation | 20. Rotary or C.T.

21. Elevations *(Show whether DF, RT, etc.)* | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

9-1-A

NUMBER OF COPIES RECEIVED			
	DISTRIBUTION		
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

.....(Place).....(Date).....

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

.....(Company or Operator).....

.....(Lease), Well No.....in.....(Unit) The well is

located.....feet from the.....line and.....feet from the

.....line of Section....., T....., R....., NMPM.

(GIVE LOCATION FROM SECTION LINE) .....Pool, ...County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

If State Land the Oil and Gas Lease is No.....

If patented land the owner is.....

Address.....

We propose to drill well with drilling equipment as follows:.....

.....

The status of plugging bond is.....

.....

Drilling Contractor .....

.....

.....

We intend to complete this well in the.....

formation at an approximate depth of.....feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By.....

Sincerely yours,

.....(Company or Operator)

By.....

Position.....

Send Communications regarding well to

Name.....

Address.....

Form C-102
Supersedes C-128

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				Dedicated Acreage: Acres
Ground Level Elev.	Producing Formation	Pool		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER — OIL		
TRANSPORTER — GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.

Unit Letter	Section	Township	Range	County

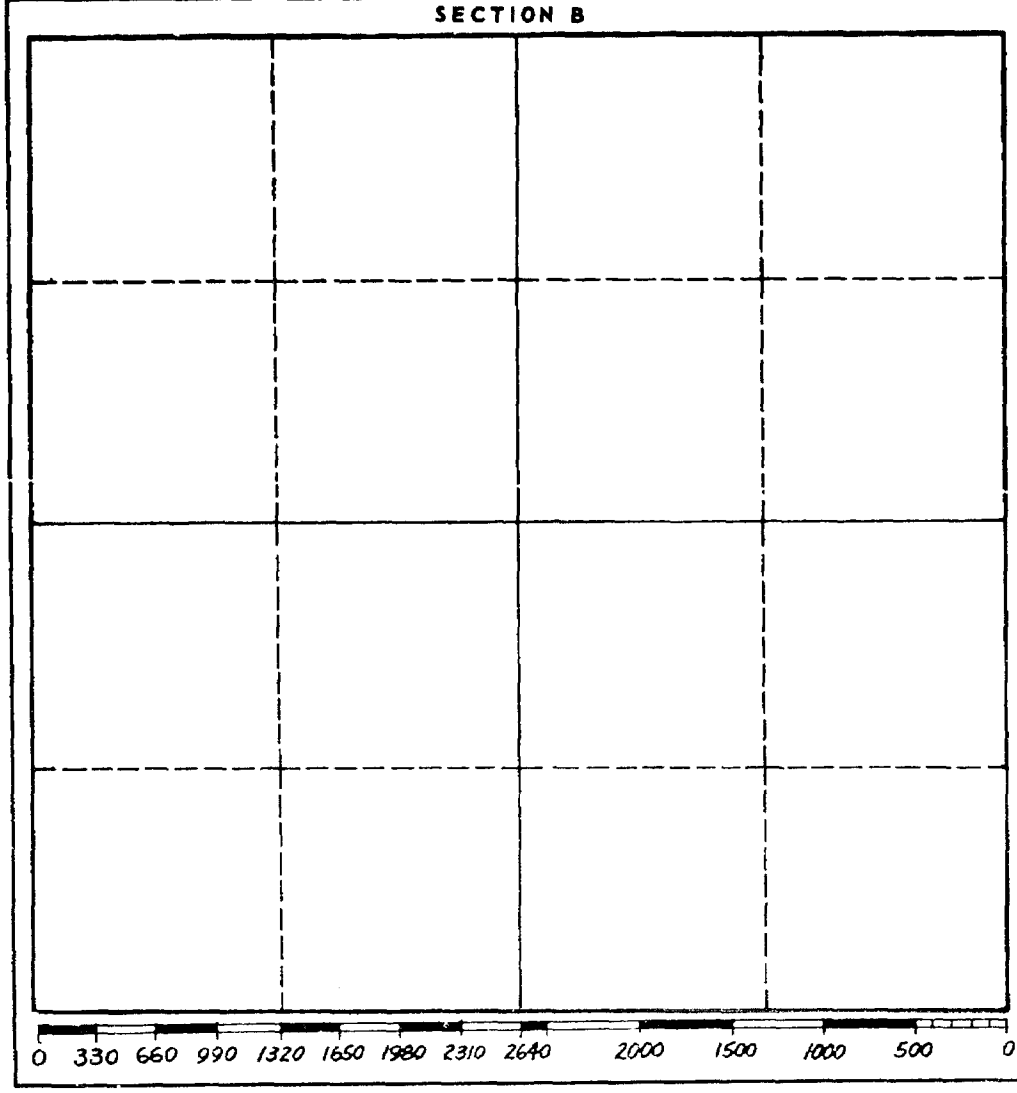
Actual Footage Location of Well:
feet from the line and feet from the line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
			Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____ . *("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)*
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in *SECTION A* above is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on the plat in *SECTION B* was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes C-102 and C-103
PROPOSED

	5. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT –" (FORM C-101) FOR SUCH PROPOSALS.)	
1. OIL WELL ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
3. Address of Operator	9. Well No.
4. Location of Well UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.	10. Field and Pool, or Wildcat
15. Elevation *(Show whether DF, RT, GR, etc.)*	12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

~~*(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log—Form C-105)*~~

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the school on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

.....
(Place) (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.. .....

.....
(Company or Operator) Lease Well No. in (Unit)

..... ¼ ¼ of Sec....., T....., R....., NMPM., ...Pool
(40-acre Subdivision)

.....County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Approved....., 19.....
Except as follows:

.....
Company or Operator

By.....

Position.....

Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION

By.....

Title.....

Name.....

Address.....

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company			Address		
Lease	Well No.	Unit Letter	Section	Township	Range
Date Work Performed	Pool		County		

THIS IS A REPORT OF: *(Check appropriate block)*

☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other *(Explain)*:

☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Witnessed by	Position	Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS *ONLY*

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth

Perforated Interval(s)	
Open Hole Interval	Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved by	Name
Title	Position
Date	Company

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)* **Change in Transporter** *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	New Well ☐ Re-completion ☐ Change in Ownership ☐ Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ : _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____

LINE OF SECTION _____, TOWNSHIP _____, RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

** Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II and III for change of operator, well name, transporter or other change of condition.

NUMBER OF COP. S RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

..... (Place) ..... (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

..... (Company or Operator) ....., Well No....., in.....¼.....¼,

..... (Lease)

....., Sec....., T....., R....., NMPM., ...Pool
Unit Letter

.....County. Date Spudded..... Date Drilling Completed .....

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation_____ Total Depth_____ PBTD_____

Top Oil/Gas Pay_____ Name of Prod. Form._____

PRODUCING INTERVAL -

Perforations_____

Open Hole_____ Depth Casing Shoe_____ Depth Tubing_____

OIL WELL TEST -

Natural Prod. Test:_____bbls.oil, _____bbls water in _____hrs, _____min. Choke Size__

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used):_____bbls.oil, _____bbls water in _____hrs, _____min. Choke Size_____

GAS WELL TEST -

Natural Prod. Test:_____MCF/Day; Hours flowed _____ Choke Size_____

Method of Testing (pitot, back pressure, etc.):_____

Test After Acid or Fracture Treatment:_____MCF/Day; Hours flowed_____

Choke Size_____ Method of Testing:_____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand):

Casing Press._____ Tubing Press._____ Date first new oil run to tanks_____

Oil Transporter_____

Gas Transporter_____

_____ (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax

Remarks:.....

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved....., 19.....

.....
(Company or Operator)

OIL CONSERVATION COMMISSION

By:.....
(Signature)

By: .....

Title.....

Title .....

Send Communications regarding well to:

Name.....

Address.....

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER — OIL		
TRANSPORTER — GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator				Lease	Well No.
Unit Letter	**Section**	**Township**	**Range**	**County**	
Pool				**Kind of Lease** *(State, Fed, Fee)*	

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range

Authorized transporter of oil ☐ or condensate ☐	Address *(give address to which approved copy of this form is to be sent)*

Is Gas Actually Connected? Yes_____ No_____

Authorized transporter of casing head gas ☐ or dry gas ☐	Date Connected	Address *(give address to which approved copy of this form is to be sent)*

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING *(please check proper box)*

New Well . . . . . ☐
Change in Transporter *(check one)*
Oil . . . . . ☐ Dry Gas . . . . ☐
Casing head gas . ☐ Condensate . . ☐
Change in Ownership . . . . . ☐
Other *(explain below)*

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19___.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo
T. Salt	T. Strawn	T. Kirtland-Fruitland
B. Salt	T. Atoka	T. Pictured Cliffs
T. Yates	T. Miss	T. Cliff House
T. 7 Rivers	T. Devonian	T. Menefee
T. Queen	T. Silurian	T. Point Lookout
T. Grayburg	T. Montoya	T. Mancos
T. San Andres	T. Simpson	T. Gallup
T. Glorieta	T. McKee	Base Greenhorn
T. Paddock	T. Ellenburger	T. Dakota
T. Blinebry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Todilto
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T.	T. Chinle
T. Penn.	T.	T. Permian
T. Cisco (Bough C)	T.	T. Penn.
		T. Granite

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

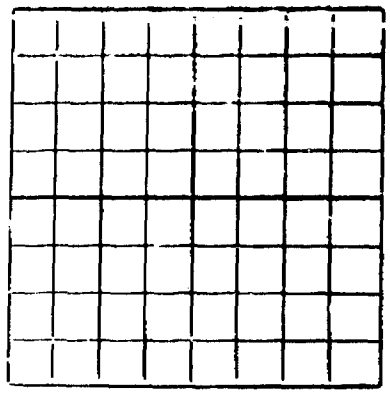
NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies



AREA 640 ACRES
LOCATE WELL CORRECTLY

.....
(Company or Operator) (Lease)

Well No....., in.....¼ of.....¼, of Sec....., T....., R....., NMPM.

.....Pool, ...County.

Well is.....feet from.....line and.....feet from.....line

of Section..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced....., 19..... Drilling was Completed....., 19.....

Name of Drilling Contractor.....

Address.....

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet. .....

No. 2, from.....to.....feet. .....

No. 3, from.....to.....feet. .....

No. 4, from.....to.....feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

.....

.....

.....

.....

Result of Production Stimulation.....

.....

.....Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I. Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico			
T. Anhy		T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres		T. Granite		T. Dakota	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs		T.		T.	
T. Abo		T.		T.	
T. Penn		T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

.....
(Date)

Company or Operator..... Address.....

Name..... Position or Title.....

Form C-106 ACT Permit No._____

NOTICE OF INTENTION

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator_____ Field_____

Address_____ County_____

Lease(s) to be served by this ACT Unit_____

Pool(s) to be served by this ACT Unit_____

Location of ACT System: Unit_____ Sec_____ Twp_____ Rge_____

Order No. authorizing commingling between leases if more than one lease is to be served by this system_____ Date_____

Order No. authorizing commingling between pools if more than one pool is to be served by this system_____ Date_____

Authorized transporter of oil from this system_____

Transporter's address_____

Maximum expected daily through-put for this system:_____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head?_____ Maximum well-head shut-in pressure_____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank?_____ Bbls.

What is the normal maximum unattended time of lease operation?_____ Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; Describe_____

_____

Remarks:_____

_____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission By_____

By_____ Title_____

Title_____ Date_____ Date_____

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

C-107

5-1-61

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES_____ NO_____

2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please mark YES or NO)

_____ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

_____ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

_____ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

_____ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

_____

_____

_____

_____

_____

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ____ NO ____ . If answer is yes, give date of such notification _____

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

_____
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

If the application ...

1 of 1 H

C-108

~~FORM C-108 A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY
LOCATION UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE LINE, SECTION TOWNSHIP RANGE NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator _____ Address _____

Lease _____ Well No. _____ County _____

Unit _____ Section _____ Township _____ Range _____

This is an application to dispose of salt water produced from the following pool(s):

_____

Name of Injection Formation(s): _____

Top of injection zone: _____ Bottom of injection zone: _____

Give operator, lease, well no., and location of any other well in this area using this same zone for disposal purposes: _____

_____

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface				
Intermediate				
Long String				

Will injection be through tubing, casing, or annulus? _____

Size tubing _____ Setting depth: _____ Packer set at. _____

Name and Model No. of packer: _____

Will injection be through perforations or open hole? _____

Proposed interval(s) of injection. _____

Well was originally drilled for what purpose? _____

Has well ever been perforated in any zone other than the proposed injection zone? _____

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

_____

Give depth of bottom of next higher zone which produces oil or gas _____

Give depth of top of next lower zone which produces oil or gas _____

Give depth of bottom of deepest fresh water zone in area: _____

Expected volume of salt water to be injected daily (barrels) _____

Will injection be by gravity or pump pressure? _____ Estimated pressure: _____

Is system open or close type? _____ Is filtration or chemical treatment necessary? _____

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

List all offset operators to the lease on which this well is located and their mailing address

_____

_____

_____

_____

_____

Name and address of surface owner _____

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? _____

Is a complete electrical log of this well attached? _____

Operator: _____

By: _____

Title: _____

STATE OF _____)
) ss.
County of _____)

BEFORE ME, The undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the _____ day of _____, 19_____.

_____
Notary Public in and for the County of _____

_____
My Commission Expires

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

ir/

OCC Ex I-L
C-110 C-111

Form C-105
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-106~~ C-111
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)

PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

Form C-111
Sheet #1
(Revised 12-1-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY GAS REPORT

Report of _____ Month _____ 19___

Address _____ _____
Main Office Local or Field Office

Report All Volumes in MCF at 15.025 lbs. and 60°F.

ACQUISITION

Total take. (From total of Sheet (s) #2) _____ MCF

DISPOSITION

Used for — Name of Company - Address	Volume
Fuel System	
Lease Use	
Gas Lift	
Transmission System #1	
" " #2	
Other Disposition:	
Detail	
Total	

REMARKS _____

I hereby certify that this Report is true and complete to the best of my knowledge.

_____ _____
Name of Initial Taker Signature

_____ _____
Address Title

(See Instructions Reverse Side)

Form C-111
(Revised 12-1-55)

INSTRUCTIONS

The address, as required on this report, shall be clear and definite as to Street Number, City and State.

Where gas is taken from an oil and/or gas well by the producer into a fuel or other gas system and used outside the basic lease said producer is required to make this report. In case gas is taken at the well by any person other than the producer then such person is required to make this report.

This report shall be filed as outlined below, on or before the 15th day of each calendar month and shall be complete as to data covering the calendar month next preceding the date of filing. One executed copy shall be filed with the Oil Conservation Commission at Santa Fe, and one executed copy shall be filed with the District Office at Hobbs. One executed copy shall be filed with district office at Aztec when plant is located in District III.

Report the volume of gas taken from each gas well separately, Report the volume of gas taken from oil wells by units.

On sheet #2:

(1) List Pools alphabetically.

(2) List Operators alphabetically, within the pools.

(3) Total each Pool.

(4) Total each company within a Pool.

If any space does not apply fill in the word "NONE".

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-114)
(Revised 7/1/52)
Sheet 1

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of..... Month of..... ....., 19.....

Address..... (Main Office) ..... (Plant) .....

Report All Volumes in M. C. F. at 15.025 lbs. PSIA at 60° Fahrenheit

INTAKE VOLUME

		Volume MCF
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	
TOTAL		

Disposition of Residue

	Volume MCF
Plant Fuel	
Returned for Lease Fuel	
Sold or Other Disposition (Detail Below)	
Returned to Earth	
Vented	
Shrinkage	
TOTAL	

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M. C. F.
TOTAL			

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U. S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

REMARKS:.....

.....

.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator.....

.....
(Signature) (Title)

(Follow Instructions on Reverse Side)

(Form C-114)
(Revised 7/1/52)

RULE 1118.

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico, shall furnish for each calendar month a Gasoline or other Extraction Plant Monthly Report, Form C-114, containing the information indicated by such form respecting gas and products involved in the operation of such plant during each month. Each purchaser of gas shall report monthly the source or sources and amount from each source of gas injected into natural gas storage reservoir together with the gross amount of gas which is withdrawn during the month from natural storage. Such report for each month shall be filed on or before the 15th day of the next succeeding month.

INSTRUCTIONS

The addresses, as required on this report, shall be clear and definite as to Street Number, City and State.

This report, including Sheet 2, shall be made by each Operator of a Gasoline Plant, Cycling Plant, or any other plant, at which gasoline, butane, propane, condensate, kerosene, oil or other liquid products are extracted from natural gas.

This report including Sheet 2, shall be filed in duplicate on or before the 15th day of each calendar month and shall be complete as to data required by such forms covering the calendar month next preceding the date of filing.

Note: Under "Remarks" show the name of the transporter and the quantity delivered to each, except deliveries to trucks which may be reported in total only.

In the preparation of Sheet 2 of this report, group and report by unit the volumes of "Gas From Oil Wells" and the total thereof; group and report by well the volume of "Gas From Gas Wells" and the total thereof; report by each source the volume of "Gas From Other Sources" and the total thereof; and report the total intake Volume from all Sources.

Make a separate report for each plant.

Please use typewriter if possible.

If any space does not apply fill in the word "NONE."

(Form C-111)
(Revised 7/1/52)
Sheet 2

OIL CONSERVATION COMMISSION
State of New Mexico

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of ..... Month of ....., 19.....

Address ..... (Main Office) ..... (Plant)

Report All Volumes in M. C. F. at 15.025 PSIA at 60° Fahrenheit

DETAIL OF INTAKE VOLUME

Name of Producer	Lease Name	Unit	Location S. T. R.	County	Kind of Well	Well No.	M. C. F. Take

S-112
OCC Exh 1-J
PROPOSED
Case 3025

Form C-112

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

(Form C-113)
(Revised 7/1/58)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Total Stock Beginning of Month.....Barrels

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels
TOTAL				

Receipts From Other Sources

Received From	Place of Receipt	Barrels
TOTAL		
TOTAL RECEIPTS		
STOCK FIRST OF PERIOD PLUS RECEIPTS		

Deliveries

To Whom	Place of Delivery	Barrels
TOTAL DELIVERIES		
TOTAL STOCK END OF MONTH		
SHORTAGE		
OVERAGE		
TOTAL DELIVERIES AND STOCKS PLUS SHORTAGE OR MINUS OVERAGE		

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Transporter or Storer.....

.....
(Signature) (Title)

(Follow Instructions in Reverse Side)

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-A

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-B

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts From Other Sources

Received From	Place of Receipt	Barrels

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-115)
(Revised 7/1/52)

Sheet 1-C

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of..... ....., 19.....

Address.....
(Street) (City) (State)

Deliveries

To Whom	Place of Delivery	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Detail Statement of Stock on Hand at End of Month (Including Stocks in Transit)

Location	Number of Tanks	Total Capacity	Net Barrels	Location	Number of Tanks	Total Capacity	Net Barrels

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSINE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of	Address

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

(Form C-113)
(Revised 7/1/53)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1

REFINER'S MONTHLY REPORT

INSTRUCTIONS

This report, including Sheet 1A, 1B and Sheet 2, of Form C-113, is required of all refiners of oil within the State of New Mexico, for each plant, and must be filed in duplicate on or before the 15th day of each month, and shall be complete as to data on said forms, covering the calendar month next preceding the date of filing.

In the preparation of Sheet 1-B of this report group each commodity and show the total thereof, and show the Grand Total of all commodities delivered.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

(Barrels of 42 U. S. Gallons)

Kind	Stock on Hand Beginning of Month	Receipts (Detail on Sheet 1-A)	Runs to Stills, Re-runs and/or Blended	Products Manufactured	Deliveries (Detail on Sheet 1-B)	Plant Use and Losses	Stock on Hand End of Month
Crude Petroleum							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil Lubricating Oil							
Refinery Dists.							
Cracking Stock							
Other Products							
Processing Losses							
TOTAL							

REMARKS:.....

.....

.....

.....

.....

.....

.....

.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Refiner.....
(Signature) (Title)

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-113)
(Revised 7/1/52)

Sheet 1-A

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of All Receipts Into Plant

(Barrels of 42 U. S. Gallons)

Transporter From Whom Received	State or County of Origin	Petroleum	Casinghead Gasoline	Kerosene	Stock for Cracking	Other	
						Barrels	Kind
TOTAL							

GRAND TOTAL ALL RECEIPTS ..... Barrels

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-113)
(Revised 7/1/52)

REFINER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Main Office) (Plant)

Detail Statement of Crude Petroleum Oil Stocks at End of Month

(Barrels of 42 U. S. Gallons)

Number of Tanks	Capacity	Barrels	Number of Tanks	Capacity	Barrels

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS–OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPA. RATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

Form C- 116
Revised (12/1/55)

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR..... POOL.....

ADDRESS..... MONTH OF....., 19.....

SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST.....(Check One)

(See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date.....

.....
Company

By.....

.....
Title

C-114
C-119
Form C-119
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity – MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

(Form C-110)
(Revised 7/1/58)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

CARBON BLACK PLANT MONTHLY REPORT

Company..... Plant Location.....

Month.....

Type of Plant (Channel or furnace).....

ACQUISITION	M. C. F. Gas
From gasoline or other extraction plants:	
Total from plants	
From leases:	
Total from leases	
	M. C. F.
Total M. C. F. take	

CARBON BLACK

Grade:	Opening Stock	Production	Deliveries	Closing Stock
Rubber (lbs.)				
Ink (lbs.)				
Other (lbs.)				
TOTAL				

I hereby certify that this report is true and complete to the best of my knowledge.

Company.....

By:.....

EXHIBIT
C-121-A
Case
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

NEW MEXICO
OIL CONSERVATION COMMISSION
BOX 871
Santa Fe, New Mexico

Form C-121-A

GAS PURCHASER'S PRELIMINARY NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission, that Gas Purchase Nominations be submitted not later than five days prior to said Commission's proration hearing on nominations for proration period beginning _____, for the_____gas pool. The undersigned purchaser's nomination is as follows:

(Cross out months that do not apply)

January_____MCF
February_____MCF
March_____MCF
April_____MCF
May_____MCF
June_____MCF
July_____MCF
August_____MCF
September_____MCF
October_____MCF
November_____MCF
December_____MCF

Dated this_____day of _____ 19_____

_____
Name of Purchasing Company

_____
Address

BY: _____
Name of Agent

(Send in duplicate to above address)

PROPOSED

1x1-0

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE ~~1103 (b)~~ 1104		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

Form C-126

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

PERMIT FOR TRANSPORTING RECOVERED LOAD OIL

(This form is to be used only when the load oil was obtained from a source other than the lease on which it was used.)

_____
Company & Address

_____
Date

Permission is hereby requested for the running of _____ bbls of load oil

by _____. This oil was recovered from our _____
Transporter Lease

_____ _____ _____ on
Well No. S - T - R Pool

_____, after being used for _____
Date

_____
Source of Load Oil (Fill in appropriate spaces below)

_____ bbls of oil were transferred for this purpose from the

_____ _____ and the transfer was report-
Lease Pool
ed by letter to the Commission dated _____ in compliance with Rule 1109 (b).

_____ bbls of oil were obtained for this purpose from _____

_____
Source

on _____.

Approved: Oil Conservation Commission

_____

_____ _____
Title Date

I hereby certify that the information given above is true and complete to the best of my knowledge.

_____
Name

_____
Position

_____
Address

Form C-127
(~~Revised 12-1-55~~)

(Ex IP

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

~~OIL PRODUCERS NOMINATION~~

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____19_____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing_____ Signed_____

_____ Title_____
Operator

Form C-127
(Revised 12-1-55)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OIL PRODUCERS NOMINATION

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____ 19____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Signed_____

Representing

Title_____

_____
Operator

Case 3028
Heard. 4-8-64
Rec. 4-8-64

1. Recommend Forms & Rules for the filing thereof be promulgated in accordance with the Exhibits 4 2 & 3 of this case

Case 3027
Order No. ____

Application of El Paso Natural Gas Company for the Adoption of a New Form

Heard by DSN 9 am April 8, 1964

Findings:

(1) jurisdiction

~~(2) That the applicant, El Paso Natural Gas Company proposed the adoption of an optional form by the Commission, said form to be filed at the option~~

(2) That the applicant, El Paso Natural Gas Company, seeks the adoption of an alternate machine accounting form ~~by the Commission, said form~~ to be available for use by transporters of natural gas which, also are producers of natural gas.

(3) That the use of said form would be at the option of such transporter-producer, and that the filing thereof would be in lieu of the filing of Commission Form C-111, Gas Purchaser's Monthly Report and Form C-115, Operator's Monthly Report.

(4) That the use of said form in the above-described manner would result in considerable economic savings and convenience to transporter-producers and to the Commission, and would, therefore, be in the interest of conservation.

(5) That the combined Form C-111/C-115 should be adopted, and should be permitted upon written approval by the Secretary-Director of the Commission.

It is Therefore Ordered:

(1) That the format of ~~the~~ Combined Form C-111/C-115 as shown by Exhibit "A" attached hereto and made a part hereof, is hereby adopted and made available for ~~machine~~ accounting use by transporters of natural gas which are also producers of natural gas.

(2) That said Combined Form C-111/C-115 shall be used by such transporter-producers of natural gas only upon written authority from the Secretary-Director of the Commission and ~~of~~ when so authorized for use shall be filed by the 15th day of each month ~~monthly - Each~~ in ~~accordance with Rule~~ lieu of Commission Form C-111, Gas Purchaser's Monthly Report, and Form C-115, Operators

Monthly Report

(2) That said contained Form C-114/C-115 shall be filed in accordance with Rules 1111 and 1115 of the Commission Rules and Regulations

(3) That the provisions of Rules 1111 and 1115 of the Commission Rules and Regulations shall govern the filing of Combining Form C-114/C-115 insofar as they are not inconsistent with this order.

(4) Certain Jurisdiction

Form C-105 and accompanying (11)
attachments will not be kept confidential
by the Commission unless so requested
in writing by the owner of the well. Upon
such request the Commission will keep
these data confidential for 90 days
from the date of completion of the well,
provided, however, that the ~~data~~ report,
log(s), and other attached data may,
when pertinent, be introduced in any
public hearing before the Commission or
its examiners or in any court of law,
regardless of the request that they be
kept confidential.

RULE 1106. NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107. APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108. APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Section ~~B and~~ C.

RULE 1109. No Rule; there is no Form C-109 at present.

RULE 1110. No Rule; there ~~would be~~ is no Form C-110 at present. ~~(Forms C-104 and C-110 are combined into Form C-104 by Order No.~~

RULE 1111. GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells, carbon dioxide gas produced from carbon dioxide wells, and casinghead gas produced from oil wells) which is taken into any gas gathering system shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124) (Same as old Rule 1123)

RULE 1125 GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph.

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127) (Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT

receipts & delys – by pipeline & tenders

receipts & delys to storers & refiners
between transporters
between storers & refiners

That Rule 312(b) be amended to read in its entirety as follows:

(b) ~~(b)~~ Such permit shall entitle the treating plant operator to an approved Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas, for the total amount of products secured from sediment oil processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause.

(c) All treating plant operators shall file a monthly report which ~~as~~ shall support the Commission Form C-104 for the net oil recovered and sold during the preceding month. See Rule 1118

That the last sentence of the second paragraph of Rule 202 (a) be amended to read in its entirety as follows:

"The filing of Form C-105, Well Completion or Recompletion Report and Log, is also necessary to obtain Commission approval of a plugging report."

Came on for hearing 9am April 8 Elvis A. Utz

Findings

1. Jurisdiction

2. That certain forms have been ~~adopted and recommended~~ designed by the Interstate Oil Compact Commission, and recommended for adoption by state ~~agencies~~ oil and gas regulatory agencies.

3. That the adoption of such forms with certain modifications ~~as requested~~ by the New Mexico Oil Conservation Commission will be in the interest of increased efficiency and lower operating costs to ~~the Commission and~~ the oil and gas industry in this state.

4. That the adoption of said forms by the Commission will be in the interest of increased efficiency to the Oil Conservation Commission.

5. That certain rules and regulations of the Commission should be amended to facilitate adoption of said forms

6. That Rule 7(A) of Order No. R-1670 ~~should be Rule~~ governing the prorated gas pools in Northwest New Mexico and Southeast New Mexico and Rule 1121 should be amended to require the monthly filing of supplemental nominations by gas purchasers.

7. That the adoption of the Interstate Oil Compact Commission Forms as modified and the aforesaid amendments to the rules will enable the Oil Conservation Commission to more efficiently and effectively administer the laws of the State of New Mexico concerning the conservation of oil and gas, the prevention of waste, and the protection of correlative rights.

It is therefore Ordered:—

Commission

(1) That Form C-101, Notice of Intention to Drill, be revised as shown by Exhibit # 1 attached hereto and made a part hereof, and that the name of said form be changed to Application for Permit to Drill, Deepen or Plug Back.

(2) That Commission Form C-128, Well Location and Acreage Dedication Plat, be revised as shown by Exhibit 2 attached hereto and made a part hereof, and that the ~~#~~ number of said form be changed to Form C-102.

(3) That Commission Form C-102, Miscellaneous Notices, and Commission Form C-103 Miscellaneous Reports on Wells, ~~both~~ be abolished; that a new Form C-103 entitled Sundry Notices and Reports on Wells, as shown by Exhibit 3 attached hereto and made a part hereof, be adopted.

(4) That Commission Form C-104, Request for (Oil)-(Gas) Allowable, and Commission Form C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, both be abolished; that a new Form C-104 entitled Potential Test and Request for Allowable and/or Certificate of Compliance and Authori-

zation to Transport Oil and Natural Gas, as shown by Exhibit 4 attached hereto and made a part hereof, be adopted.

(5) That Commission Form C-105, Well Record, be revised as shown by Exhibit 5 attached hereto and made a part hereof, and that the name of said form be changed to Well Completion or Recompletion Report and Log.

(6) That the format of Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, as shown by Exhibit 6 attached hereto and made a part hereof, be adopted.

(7) That ~~Com~~ Commission Form C-107 Application for Multiple Completion, as shown by Exhibit 8 attached hereto and made a part hereof, be adopted.

(8) That Commission Form C-108, Application to Dispose of Salt Water into a Paraua Formation, as shown by Exhibit 8 attached hereto and made a part hereof, be adopted.

(9) That Commission Form C-111, ~~[illegible]~~ Monthly Gas Report, and Commission Form C-114, Gasoline or Other Extraction Plant monthly Report, both be abolished; that a new Form C-111 entitled Gas Purchasers Monthly Report, Sheets 1 and 2, as shown by Exhibit 9 attached hereto and made a part hereof, be adopted.

(10) That Commission Form C-112, Transporter's and Storer's monthly Report, be revised as shown by Exhibit 10 attached hereto and made a part hereof.

(11) That Commission Form C-113, Refiner's Monthly Report, be revised as shown by Exhibit 11, sheets 1 and 2, attached hereto and made a part hereof.

(12) That Commission Form C-115, Operator's Monthly Report, and Commission Form C-115-EDP, Operator's Monthly Report (electronic data processing) as shown by Exhibits 12 and 13 attached hereto and made a part hereof, both adopted October 1, 1961, be continued in use without change.

(13) That Commission Form C-116, Gas-Oil Ratio Report, be revised as shown by Exhibit 14 attached hereto and made a part hereof, and that the name of said form be changed to Gas-Oil Ratio Tests.

(14) That, the format of Commission Form C-117-A, ~~and Commission Form C-117~~ Sediment Oil Destruction Permit, and Commission Form C-117-B, Sediment Oil Recovery Permit, as shown by Exhibits 15 and 16 attached hereto and made a part hereof, be adopted.

(15) That the format of Commission Form C-118 Treating Plant Operator's Monthly Report, as shown by Exhibit 17, Sheet 1 and Sheet 1-A, attached hereto and made a part hereof, be adopted.

(16) That Commission Form C-119, Carbon Black Plant Monthly Report, be revised as shown by Exhibit 18 attached hereto and made a part hereof.

(17) That the format of Commission Form C-120, Monthly Injection Report, as shown by Exhibits 19 and 20 attached hereto and made a part hereof, be adopted.

~~(18)~~ and Commission Form C-120-A, Monthly Water Disposal Report,

(18) That Commission Form C-121, Crude Oil Purchasers Nomination, as shown by Exhibit 21 attached hereto and made a part hereof, adopted December 1, 1955, be continued in use without change.

(19) That Commission Form C-121-A, Purchaser's Gas Nominations, ~~be~~ be revised as shown by Exhibit 21 attached hereto and made a part hereof.

(20) That the format of Commission Form C-122, ~~Multi-point~~ Multi-point Back Pressure Test for Gas Wells, Commission Form C-122-B, Initial Potential Test-Data Sheet, and Commission Form C-122-C, One-point Back Pressure Test for Gas Wells, as shown by Exhibits 22, 23, and 24 ~~attached~~ attached hereto and made a part hereof, be adopted.

(21) That Commission Form C-122-A, Gas Well Test Data Sheet - San Juan Basin, as shown by Exhibits 25 (blue) and 26 attached hereto and made a part hereof, adopted April 20, 1955, for initial and annual deliverability tests respectively, be continued in use without change.

(22) That Commission Form C-123, Request for the Extension of an Existing Pool or the Creation of a New Pool, as shown by Exhibit 27 attached hereto and made a part hereof, adopted July 1, 1952, be continued in use without change.

(23) That Commission Form C-124, Reservoir Pressure Report, ~~be~~ be revised as shown by Exhibit 28 attached hereto and made a part hereof.

(24) That the format of Commission Form C-125, 24-Hour Shut-in Pressures on Gas Wells, as shown by Exhibit 29 attached hereto and made a part hereof, be adopted.

(25) That Commission Form C-126, Permit to Transport Recovered Load Oil, be revised as shown by Exhibit 30 attached hereto and made a part hereof.

(26) ~~That the format of Commission Form C-127, Oil Producers Nomination~~

(26) That the format of Commission Form C-127, Request for Allowable Change, as shown by Exhibit 31 attached hereto and made a part hereof, be adapted, the name of said form being changed from Oil Producers Nomination Request for Allowable Changes

(27)

(5)

It is Further Ordered

(1) That Rule ~~104 (E)~~ 104 E be amended to read in its entirety as follows:

"Form C-101, Application for Permit to Drill, Deepen, or Plug Back for any well shall designate the exact legal subdivision dedicated to the well and no C-101 will be approved by the Commission or any of its agents without such proper designation of acreage."

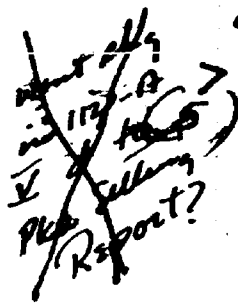
(2) That Rule 111 (a) be amended ~~to read as follows:~~ ~~"All changes to~~ ~~Commission Form~~ ~~two references to~~ in the two places to make ~~the~~ references to Commission Form C-103 rather than Commission Form C-102.

(3) That ~~Rule~~ the first paragraph of Rule 112-A, Section IV be amended to read in its entirety as follows:

"Application for administrative approval of a multiple completion shall be made in quadruplicate, with two copies of the application to be mailed to the Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made ~~of~~ on Commission Form C-107, Application for Multiple Completion, and shall be accompanied by the following:"

(4) That Rule 112-A, Section V be amended to read in its entirety as follows:

"Application for public hearing to authorize a multiple completion shall be made in triplicate to the Commission's Santa Fe Office. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall set forth all material facts relative to the common source of supply involved and the manner and method of completion proposed. Application shall be accompanied by an Exhibit showing the location of all wells on the applicant's lease and all offset wells on offset leases."



(5) That Rule 112-A, Section VI (d) be amended to read in its entirety as follows:

"A packer setting report shall accompany the report of the initial segregation tank and packer leakage test, if applicable."

(6) That Rule 201 be amended to make reference to Commission Form C-103 rather than to Form C-102.

(7) That Rule 312 (b) and Rule 312(c) be amended to make reference to Commission Form C-104 rather than to Form C-110.

(8) That Rule 314 (d) be amended to make reference to Commission Form C-104 rather than to Commission Form C-110.

(8) That Rule 504(b) be amended to read in its entirety as follows:

"No well shall be placed on the proration schedule until Form C-104 has been filed with and approved by the Commission."

(9) That the second paragraph of Rule 701C be amended to read in its entirety as follows:

"To obtain such administrative approval, operator shall submit in triplicate Commission Form C-108, Application to Dispose of Salt Water by Injection into a Porous Formation, said application to be filed in accordance with Rule ~~701B~~ 701 B above. Copies of the application shall also be sent to all offset ~~operators~~ operators and to the surface owner of the land upon which the well is located."

(10) That the first paragraph of Rule 705 be amended to read in its entirety as follows:

"Application to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Secretary-Director of the Commission for approval. In addition to Form C-101, Application for Permit to Drill, Deepen, or Plug Back,

the operator shall submit the following:"

That Section 2 of Rule 705 be amended to read in its entirety as follows:

~~"Upon completion~~

"2. Upon completion of the proposed well, operator shall submit Form C-105, Well Completion or Recompletion Report and Log, ~~and~~ a diagrammatic sketch of the finished installation, and an estimate of the storage capacity of the cavity."

and also the last paragraph

That Section (1) of Rule 803 be amended to make reference to Commission Form C-104 rather than to Form C-110.

That the first paragraph of Rule 1102 be amended to read in its entirety as follows:

"Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, condensate, kerosene, oil, or other liquid products are extracted from natural gas within the State of New Mexico shall furnish for each calendar month a Gas Purchaser's Monthly Report, Form C-111, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month. The rule, also, applicable to plants

processing carbon dioxide gas in the State of New Mexico.)"

14. That Rule 1301 be amended to read in its entirety as follows:

"To expedite the administration of the work of the Commission and the enforcement of its rules and regulations, the state shall be divided into four districts as follows:

DISTRICT 1 Lea, Roosevelt, and Curry Counties, and that portion of Chaves County lying East of the North-South line dividing Ranges 29 and 30 East, NMPM.

Office at 1000 West Broadway, Hobbs, New Mexico

Mailing Address:
N. M. Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

DISTRICT 2 Eddy, Otero, Dona Ana, Luna, Hidalgo, Grant, Sierra, Lincoln, and De Baca Counties, and that portion of Chaves County lying West of the North-South line dividing Ranges 29 and 30 East NMPM

Office at 10th and Dallas Streets Artesia, New Mexico.

mailing Address:

N. M.
~~N. Mex.~~ Oil Conservation Commission
Drawer DD
Artesia, New Mexico 88210

DISTRICT 3 — San Juan, Rio Arriba, & McKinley, and Sandoval Counties.

Office at 1000 Rio Brazos Road,
Aztec. ~~(New Mexico)~~ 87410

mailing Address:

N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

DISTRICT 4 — Remainder of State

Office ~~at~~ in State Land Office Building, Santa Fe. ~~New Mexico~~

mailing Address

N. M.
~~New Mexico~~ Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Each district office shall be under the charge of a district supervisor, ~~who shall be~~ an oil and gas inspector, a deputy oil and gas inspector, or a member of the Commission. ~~He or they~~ ~~shall~~ specifically

required, all matters pertaining to the Commission shall be taken care of through the district office of the district in which the land that is affected lies."

"All reports and forms required by the rules to be filed with the Commission shall be filed in the number and at the time specified on the form or report or by the applicable rule in Section M, Reports, of these rules. Unless otherwise specified, all such reports and forms shall be filed at the district office of the district in which the land that is the subject matter of the report lies. All plugging bonds shall be filed directly at the Santa Fe Office of the Commission. A list of all plugging bonds approved and in force shall be kept in each district office."

15 That Rule 1302 be amended to read in its entirety as follows:

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

(1)

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	~~Potential Test and~~ Request for Allowable ~~and/~~ or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

(2)

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner ~~or operator~~ of the well must obtain a permit to do so. To obtain such permit, the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable. ~~or the rejection of the plan submitted.~~ If the proposal cannot be approved for any reason, Form C-101 will be returned with the cause for rejection stated thereon. Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of ~~the~~ Form C-101 and FOUR copies of ~~the~~ Form C-102, ~~as one copy of each is forwarded to the State Land Office.~~ the extra copy of each form being for the State Land Office.

RULE 1102. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

~~This~~ Form C-102 is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted ~~with respect to~~ from the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE ~~in accordance with~~ or QUADRUPLICATE as provided in Rule 1101.

Amended Form C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103. SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form ~~used~~ to be filed with the appropriate District Office of the Commission to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to: ~~Commencing any of the following:~~

1. Change of plans from those previously approved on Form C-101 or Form C-103
2. ~~Drilling~~ casing or altering the casing in a well or altering a drilling well's casing program

2. Altering a drilling well's casing program or pulling casing or altering an existing well's casing program.

1. Effecting a change of plans from those previously approved on Form C-101 or C-103.
2. Altering a drilling well's casing program or pulling casing or otherwise altering an existing well's casing installation.
3. ~~Plugging and abandoning~~
4. ~~—~~
3. Temporarily abandoning a well.
4. Plugging and abandoning a well.
5. Performing remedial work on a well. (This shall include such work as acidizing, squeezing, perforating, fracturing, and similar operations on previously completed wells, but is not applicable to new wells in the process of being com-

pleted or to old wells being drilled deeper or plugged back to another zone when such recompletion has been authorized by an approved Form C-101, Application for Permit to Drill, Deepen, or Plug Back.)

6. ~~Such a~~ Performing any such other operations which, when completed, will affect the original status of the well. (~~Such~~ Notice of intention to install ~~pump~~ artificial lift equipment is not required.)

In the case of well plugging operations, the Notice of Intention shall include a detailed statement of the proposed work, including plans for shooting and ~~recovering~~ pulling casing, plans for mudding, including weight of mud, plans for cementing, including number of sacks of cement and depths of plugs, and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be released until this is complied with.

B. Form C-103 as a Subsequent Report

ds / Form C-103 as a subsequent report of operations shall be filed ~~with~~ in accordance with the section of this rule applicable to the particular operation being reported.

Form C-103 is to be used in reporting such completed operations as:

1. Commencement of Drilling operations
2. Casing and cement tests
3. Altering a well's casing installation
4. Temporary abandonment
5. Plug and abandon
6. Plugging back or deepening
7. Remedial work
8. Installation of artificial lifting equipment
9. Change in ownership of a drilling well
10. Such other operations which affect the original status of the well but which are not specifically covered herein.

Information to be entered ~~in~~ on Form C-103, Subsequent Report, for a particular operation is as follows:

(1) Report of Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and the date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Alteration

Above ~~Above~~ Reprinted On Page 6

6

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

~~(4) Report on Plugging of Well~~

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun ~~along with~~ and the date the work was completed, a detailed account of the manner in which the work was performed, the depths and lengths of the various plugs set, the nature and quantities of materials employed in plugging operations, including the amount, size and depth of all casing left in the hole, and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report. (See Rule 1105.)

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed ~~with the appropriate District Office of the Commission~~ in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering ~~casing~~ *a well's casing installation*
4. Temporary abandonment
5. Plug and abandon
7. Remedial work
6. Plugging back or deepening
9. Change in ownership of a drilling well
10. Such other operations which affect the original status of the well but are not specifically covered herein
8. *Installation of artificial lift equipment.*

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement ~~Job~~; Report of Casing ~~Program~~ Alteration

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in triplicate on Form C-103 and shall include the date the plugging operation were begun and the date the work was completed, a detailed account of the manner in which the work was performed including the depths and lengths of the various plugs set, the nature and quantities of materials employed in the plugging operation including the weight of the mud used, the size and depth of all casing left in the hole, and any other pertinent information. (See Rule 201-204 regarding plugging operations)

No plugging report will be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been so restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. (The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report. (See Rule 1105)

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A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Among the remedial work to be reported on Form C-103 ~~is as follows~~: are the following: 1

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities,
5. Report of any other remedial ~~or any similar operations which affect the original status of the well and~~ which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

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the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Reports on Wells

Reports on any other operations which affect the original status of the well but which are not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the ~~operator~~ owner of the subject well within ten days following the completion of ~~the work specified~~ such operations.

RULE 1104. POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

(1) Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

(2) The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

(3) No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

(4) No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

(5) Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of ~~operating ownership~~ operator ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of ~~operating ownership~~ ownership [redacted]

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed.

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C.

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

4 (6)

authorized

(10)

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter. This paragraph is intended to deal primarily with batch movements of oil by the operator ~~[illegible]~~ for use as load oil, free oil etc.; Eventual sale of this oil is governed by Rules 508 and 1120.

RULE 1105. WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion or recompletion of any well, the owner shall file Form C-105 with the Commission. It must be ~~accompanied by one~~ filed in QUINTUPLICATE and ~~the~~ each copy be accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radioactivity logs run on the well must be filed with ~~the~~ Form C-105. If the Form C-105 with attached log(s) and summaries is not received by the Commission within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with.

In the case of ~~a~~ a dry hole, a complete record of the well on Form C-105 with the above attachments shall accompany the Notice of Intention to Plug the well, unless previously filed.

ULE 1112. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

(12)

Each transporter and/or storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE ~~1112~~ 1113. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

RULE ~~1113~~ 1114. No Rule; there is no Form C-114 at present.

RULE ~~1114~~ 1115. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-ED2, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Repeated failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-110 for the affected well or wells.

RULE 1116. GAS-OIL RATIO TEST (Form C-116)

~~A gas-oil ratio test~~ Gas-oil ratio tests shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Test, and any applicable special pool rules. This form shall be submitted in DUPLICATE.

RULE 1117. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A AND C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted in TRIPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
(4) Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of Sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
(6) Disposition

...LLECTION REPORT AND LOG for wells on Federal lands in New Mexico However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form	NMOCC Form No.
~~QUINTUPLICATE Form 9-163 with one copy~~	...	

the well. The well record with the attached electrical and radio-activity logs shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep the report and log confidential for 90 days from date of completion of the well; provided, however, that the report, log or data therein when pertinent may be introduced in any public hearing before the Commission or any court regardless of the request that the report be kept confidential If the Form C-105 with attached log or logs is not received by the Commission in the specified 20 days, the allowable for the well will be withheld until this provision is complied with.

In the case of well-plugging operations, a complete record of the well on Form C-105 with the log or logs run on the well shall accompany the notice of intention

RULE 1118. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports containing information as required by the form shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month.

RULE 1119. MONTHLY INJECTION REPORT (Form C-120) AND MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1120. PURCHASER's NOMINATION FORM (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, and Form C-121-A, Gas Purchaser's Preliminary Nomination, shall be submitted to the Commission not later than 5 days prior to said Commission's statewide proration hearing on nominations for the succeeding month. Form C-121 and Form C-121-A shall be mailed to the Oil Conservation Commission, P. O. Box 871, Santa Fe, New Mexico.

RULE 1121. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA (C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1122. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The owner or operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office in regard to the filing of Form C-123 in DUPLICATE.

(13)

RULE 1118. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain the following information:

(1) Name of treating plant operator
(2) Location of plant or plants
(3) Source of each individual acquisition
(4) Number of permit authorizing acquisition
(5) Gross volume of sediment oil acquired from each source
(6) Net amount of pipeline oil recovered from each acquisition

RULE 1119. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports ~~containing information as required by the form~~ shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month. In addition, Form C-111 shall be filed each month in accordance with Rule 1111 if the Carbon Black Plant operator makes any purchases directly from a lease or operates any gas gathering or transmission system.

RULE 1120. MONTHLY INJECTION REPORT (Form C-120) AND MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE each month and shall be used for reports required under Rule 704. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to the ~~said~~ Commission's statewide oil allowable hearing on nominations for the succeeding month. ~~by~~ Nominations shall be filed by each month each person expecting to purchase oil from producing wells in New Mexico during ~~said month~~ the following month

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA (C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1123. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The owner or operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office in regard to the filing of Form C-123 in DUPLICATE.

RULE 1113. GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT (Form C-114)

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall furnish for each calendar month a Gasoline or Other Extraction Plant Monthly Report, Form C-114, containing the information indicated by such form respecting gas and products involved in the operation of each such plant during each month. Form C-114 shall be postmarked on or before the 15th day of the next succeeding month, and shall be submitted directly to the appropriate District Office of the Commission, as well as to the Commission Offices at Santa Fe and Hobbs.

RULE 1114. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Repeated failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-110 for the affected well or wells.

RULE 1115 [illegible] in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices' mailing addresses will be included)

[illegible] in accordance with Rule [illegible], and shall contain the following information.

(1) Name of operator
(2) Name and location of lease
(3) Type of sediment oil (tank bottom, emulsion, etc.)
(4) Estimated amount (in barrels)

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted in QUADRUPLICATE in accordance with Rule 311, and shall contain the following information.

(1) Name of Transporter
(2) Name of operator
(3) Name and location of lease
(4) Type of Sediment oil (tank bottom, emulsion, etc.)
(5) Estimated amount (in barrels)
(6) Disposition

(14)

RESERVOIR PRESSURE REPORT
1124. ~~BOTTOM HOLE PRESSURES~~ (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

GAS WELL SHUT-IN PRESSURE TESTS
RULE 1125. ~~SHUT-IN PRESSURES ON GAS WELLS~~ (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402 and any applicable special pool rules

RULE 1126. PERMIT To TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and ~~Rule 1109 (b)~~. Rule 1104 (6).

REQUEST FOR ALLOWABLE CHANGE
RULE 1127. ~~OIL PRODUCERS ALLOWABLE CHANGE~~ (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

~~RULE 1127. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-128)~~

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

Form C-128 shall be submitted in TRIPLICATE with Form C-101 in accordance with Rule 1104.

An amended Form C-128 shall be submitted in the event that there is a change in any of the information required thereon. The well location need not be certified when filing an amended Form C-128.

RULE 1128. FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

the place of the regular Commission forms.

After a well is completed and ready for pipe line connection, Oil Conservation Commission Forms C-104 and C-110 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-110 for the affected well or wells.

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

It Is Further Ordered

1. That Rule 7(A) of the General Rules ~~for~~ and Regulations for Prorated Gas Pools, Northwestern New Mexico, and Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Southeastern, New Mexico, both as promulgated by Commission Order No. R-1670, be amended to read in their ~~entirety~~ ~~entirety~~ entirety as follows:

"Each month each gas purchaser shall file with the Commission his nomination for the amount of gas which he actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. ~~Said "Supplemental Nominations"~~ one copy of Such" supplemental" nominations on each pool shall be submitted ~~to the~~ to the Commission's Santa Fe office on Form C-121-A by the first day of the month during which the Commission will consider at its allowable hearing the nominations for ~~the purchase of gas~~ the succeeding month (See Rule 1121 of the Commission Rules and Regulations). When filing such supplemental nomination, operator shall indicate both his preliminary nomination ~~for~~ and his supplemental nomination. The Commission will consider all such preliminary and supplemental nominations at its statewide allowable hearing between the 13th and the 20th days of each month to determine

the reasonable market demand for gas during the ensuing month, and will issue a proration schedule setting out the amount of gas which each well may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each well on the schedule.

It ~~is~~ Further Ordered

1. That any reference in any order, rule, regulation, memorandum, directive, or other instruction ~~by the Commission~~ to any form by name or by number ~~shall be considered as referring to the form name~~ which form name or number is superseded by a form name or number as the result of this order shall be construed as ~~referring to~~ having reference to the superseding form name or number.

2. That this order shall become ~~effective~~ at 7:00 AM

v

Form C-111, Gas Purchasers Monthly Report, shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month to report all gas taken ~~the~~ during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, ~~and one~~ as well as the Commission Offices in Santa Fe and Hobbs.

Form C-111 shall be filed each month by the operator of ~~the~~ any gathering system, gas transportation system, ~~gasoline plant, extraction plant, recycling plant~~ recycling system, gas lift system, ~~fuel~~ fuel system, gas drilling operation, etc. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken into any such system ~~or plant~~ during the preceding month and shall ~~be postmarked on or before the 15th day of each month~~ show the source of the gas and the disposition thereof.
~~In the case of a producer~~

Form C-111 shall also be filed each month by the operator of any gasoline plant, cycling plant or other plant at which gasoline, butane, propane,

Kerosene, oil, or other ~~liquid~~ products are extracted from gas within the state of transmitted. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken into any such plant during the preceding month ~~and~~ shall show the source of the gas and by ~~to~~ whom the operator owns. ~~the disposition thereof.~~ ~~Where~~ more than one ~~each~~ plant is ~~operated by~~ ~~within a~~ ~~given~~ in a given OCC District, ~~by an operator~~, Sheet No. 1 ~~of~~ of Form C-111 shall be filed for each such plant. ~~Where one set of Sheet~~ ~~These reports shall be accompanied by one set of Sheet two consolidating all~~ In preparing Sheet No. 2, ~~each~~ the operator shall consolidate all acquisitions ~~by~~ for all plants in the ~~District~~. Information on Sheet No. 2 shall be itemized by pools in alphabetical order

Where gas is taken by the producer and utilized by him for any of the above uses, the producer shall file Form C-111 ~~indicating listing~~ itemizing such gas. ~~He shall also include this gas on his monthly Operator's Monthly Report~~ The producer ~~He~~ shall also include this gas on his Operator's Monthly Report, Form C-115, ~~as well as any~~ Gas used on the lease for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or gas which is flared shall also be included on the Form C-115 but is not to be included on the Form C-111.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CASE No. 3028
Order No. R-2761

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO CONSIDER THE REVISION OF CERTAIN EXISTING FORMS, THE ADOPTION OF CERTAIN NEW FORMS, AND THE AMENDMENT OF CERTAIN RULES PERTAINING TO THE FILING OF FORMS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 8, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 16th day of September, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That certain forms have been designed by the Interstate Oil Compact Commission and recommended for adoption by state oil and gas regulatory agencies.

(3) That the adoption of such forms with certain modifications by the New Mexico Oil Conservation Commission will be in the interest of increased efficiency and lower operating costs to the oil and gas industry in this State.

(4) That the adoption of said forms by the Commission will be in the interest of increased efficiency to the Oil Conservation Commission.

(5) That certain rules and regulations of the Commission should be amended to facilitate adoption of said forms.

(6) That Rule 7(A) of Order No. R-1670 governing the prorated gas pools in Northwest New Mexico and Southeast New Mexico and Rule 1121 should be amended to require the monthly filing of supplemental nominations by gas purchasers.

(7) That the adoption of the Interstate Oil Compact Commission forms as modified and the aforesaid amendments to the rules will enable the Oil Conservation Commission to more efficiently and effectively administer the laws of the State of New Mexico concerning the conservation of oil and gas, the prevention of waste, and the protection of correlative rights.

IT IS THEREFORE ORDERED:

(1) That Commission Form C-101, Notice of Intention to Drill, be revised as shown by Exhibit 1 attached hereto and made a part hereof, and that the name of said form be changed to Application for Permit to Drill, Deepen, or Plug Back.

(2) That Commission Form C-128, Well Location and Acreage Dedication Plat, be revised as shown by Exhibit 2 attached hereto and made a part hereof, and that the number of said form be changed to Form C-102.

(3) That Commission Form C-102, Miscellaneous Notices, and Commission Form C-103, Miscellaneous Reports on Wells, both be abolished; that a new Form C-103 entitled Sundry Notices and Reports on Wells, as shown by Exhibit 3 attached hereto and made a part hereof, be adopted.

(4) That Commission Form C-104, Request for (oil) - (gas) Allowable, and Commission Form C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, both be abolished; that a new Form C-104 entitled Request for Allowable and Authorization to Transport Oil and Natural Gas, as shown by Exhibit 4 attached hereto and made a part hereof, be adopted.

(5) That Commission Form C-105, Well Record, be revised as shown by Exhibit 5 attached hereto and made a part hereof, and that the name of said form be changed to Well Completion or Recompletion Report and Log.

(6) That the format of Commission Form C-106, Notice of Intention to Utilize Automatic Custody Transfer Equipment, as

shown by Exhibit 6 attached hereto and made a part hereof, be adopted.

(7) That Commission Form C-107, Application for Multiple Completion, as shown by Exhibit 7 attached hereto and made a part hereof, be adopted.

(8) That Commission Form C-108, Application to Dispose of Salt Water by Injection Into a Porous Formation, as shown by Exhibit 8 attached hereto and made a part hereof, be adopted.

(9) That Commission Form C-111, Monthly Gas Report, and Commission Form C-114, Gasoline or Other Extraction Plant Monthly Report, both be abolished; that a new Form C-111 entitled Gas Purchaser's Monthly Report, Sheets 1 and 2, as shown by Exhibits 9 and 9-A attached hereto and made a part hereof, be adopted.

(10) That Commission Form C-112, Transporter's and Storer's Monthly Report, be revised as shown by Exhibit 10 attached hereto and made a part hereof.

(11) That Commission Form C-113, Refiner's Monthly Report, Sheets 1 and 2, be revised as shown by Exhibits 11 and 11-A attached hereto and made a part hereof.

(12) That Commission Form C-115, Operator's Monthly Report, and Commission Form C-115-EDP, Operator's Monthly Report (electronic data processing), as shown by Exhibits 12 and 13 attached hereto and made a part hereof, both adopted October 1, 1961, be continued in use without change.

(13) That Commission Form C-116, Gas-Oil Ratio Report, be revised as shown by Exhibit 14 attached hereto and made a part hereof, and that the name of said form be changed to Gas-Oil Ratio Tests.

(14) That the format of Commission Form C-117-A, Sediment Oil Destruction Permit, and Commission Form C-117-B, Sediment Oil Recovery Permit, as shown by Exhibits 15 and 16 attached hereto and made a part hereof, be adopted.

(15) That the format of Commission Form C-118, Treating Plant Operator's Monthly Report, Sheets 1 and 1-A, as shown by Exhibits 17 and 17-A attached hereto and made a part hereof, be adopted.

(16) That Commission Form C-119, Carbon Black Plant Monthly Report, be revised as shown by Exhibit 18 attached hereto and made a part hereof.

(17) That the format of Commission Form C-120, Monthly Injection Report, and Commission Form C-120-A, Monthly Water Disposal Report, as shown by Exhibits 19 and 20 attached hereto and made a part hereof, be adopted.

(18) That Commission Form C-121, Crude Oil Purchaser's Nomination, as shown by Exhibit 21 attached hereto and made a part hereof, adopted December 1, 1955, be continued in use without change.

(19) That Commission Form C-121-A, Purchaser's Gas Nomination, be revised as shown by Exhibit 21-A attached hereto and made a part hereof.

(20) That the format of Commission Form C-122, Multi-Point Back Pressure Test for Gas Wells, Commission Form C-122-B, Initial Potential Test Data Sheet, and Commission Form C-122-C, One-Point Back Pressure Test for Gas Wells, as shown by Exhibits 22, 23, and 24 attached hereto and made a part hereof, be adopted.

(21) That Commission Form C-122-A, Gas Well Test Data Sheet - San Juan Basin, as shown by Exhibits 25 (blue) and 26 attached hereto and made a part hereof, adopted April 20, 1955, for initial and annual deliverability tests, respectively, be continued in use without change.

(22) That Commission Form C-123, Request for the Extension of an Existing Pool or the Creation of a New Pool, as shown by Exhibit 27 attached hereto and made a part hereof, adopted July 1, 1952, be continued in use without change.

(23) That Commission Form C-124, Reservoir Pressure Report, be revised as shown by Exhibit 28 attached hereto and made a part hereof.

(24) That the format of Commission Form C-125, Gas Well Shut-in Pressure Report, as shown by Exhibit 29 attached hereto and made a part hereof, be adopted.

(25) That Commission Form C-126, Permit to Transport Recovered Load Oil, be revised as shown by Exhibit 30 attached hereto and made a part hereof.

(26) That the format of Commission Form C-127, Request for Allowable Change, as shown by Exhibit 31 attached hereto and made a part hereof, be adopted, the name of said form being changed from Oil Producers Nomination Request for Allowable Changes.

(27) That the format of the Packer Setting Report, as shown by Exhibit 32 attached hereto and made a part hereof, be adopted.

IT IS FURTHER ORDERED:

(1) That Rule 104 E be amended to read in its entirety as follows:

"E. Form C-101, Application for Permit to Drill, Deepen, or Plug Back for any well shall designate the exact legal subdivision allotted to the well and no Form C-101 will be approved by the Commission or any of its agents without such proper designation of acreage."

(2) That Rule 111(b) be amended to make reference in two places to Commission Form C-103 rather than to Commission Form C-102.

(3) That the first paragraph of Rule 112-A, Section IV, be amended to read in its entirety as follows:

"IV. ADMINISTRATIVE PROCEDURE

Application for administrative approval of a multiple completion shall be made in QUADRUPLICATE, with two copies of the application to be mailed to the Commission's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall be accompanied by the following:"

(4) That Rule 112-A, Section V, be amended to read in its entirety as follows:

"V. Application for public hearing to authorize a multiple completion shall be made in TRIPLICATE to the Commission's Santa Fe Office. Application shall be made on Commission Form C-107, Application for Multiple Completion, and shall set forth all material facts relative to the common sources of supply involved

and the manner and method of completion proposed. Application shall be accompanied by an exhibit showing the location of all wells on the applicant's lease and all offset wells on offset leases."

(5) That Rule 112-A, Section VI (d) be amended to read in its entirety as follows:

"(d) A packer setting report shall accompany the report of the initial segregation test and packer-leakage test, if applicable."

(6) That Rule 201 be amended to make reference to Commission Form C-103, Sundry Notices and Reports on Wells, rather than to Form C-102.

(7) That the last sentence of the second paragraph of Rule 202 (a) be amended to read in its entirety as follows:

"The filing of Form C-105, Well Completion or Recompletion Report and Log, is also necessary to obtain Commission approval of a plugging report."

(8) That Rules 312 (b) and 312 (c) be amended to read in their entirety as follows:

"(b) Such permit shall entitle the treating plant operator to an approved Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas, for the total amount of products secured from sediment oils processed by the operator. All permits shall be revocable, after notice and hearing, upon showing of good cause."

"(c) All treating plant operators shall file a monthly report which shall support the Commission Form C-104 for the net oil recovered and sold during the preceding month. See Rule 1118."

(9) That Rule 314 (d) be amended to make reference to Commission Form C-104 rather than to Commission Form C-110.

(10) That the third paragraph of Rule 401 be amended to make reference to Rule 1122 rather than to Rule 1121.

(11) That Rule 504 (b) be amended to read in its entirety as follows:

"(b) No well shall be placed on the proration schedule until Form C-104 has been filed with and approved by the Commission."

(12) That the second paragraph of Rule 701 C be amended to read in its entirety as follows:

"To obtain such administrative approval, operator shall submit in TRIPLICATE Commission Form C-108, Application to Dispose of Salt Water by Injection Into a Porous Formation, said application to be filed in accordance with Rule 701 B above. Copies of the application shall also be sent to all offset operators and to the surface owner of the land upon which the well is located."

(13) That the first paragraph of Rule 705 be amended to read in its entirety as follows:

"Application for permit to drill storage wells for the purpose of storing liquefied petroleum gases shall be submitted to the Secretary-Director of the Commission for approval. In addition to Form C-101, Application for Permit to Drill, Deepen, or Plug Back, the operator shall submit the following:"

That Section 2 of Rule 705 be amended to read in its entirety as follows:

"2. Upon completion of the proposed well, operator shall submit Form C-105, Well Completion or Recompletion Report and Log, a diagrammatic sketch of the finished installation, and an estimate of the storage capacity of the cavity."

(14) That Exception (1) and also the [illegible] of Rule 803 be amended to make reference to Commission Form C-104 rather than to Form C-110.

(15) That Rule 1002 be amended to read in its entirety as follows:

"Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, condensate, kerosene, oil, or other liquid products are extracted from natural gas within the State of New Mexico shall furnish for each calendar month a Gas Purchaser's Monthly Report, Form C-111, containing the information indicated by such form respecting natural gas and products involved in the operation of each plant during each month.

(This rule shall also be applicable to plants in the State of New Mexico processing carbon dioxide gas into liquid or solid form.) See Rule 1111.

"Form C-111 shall be filed in accordance with the provisions of Rule 1111."

(16) That Rule 1301 be amended to read in its entirety as follows:

"To expedite the administration of the work of the Commission and the enforcement of its rules and regulations, the State shall be divided into four districts as follows:

DISTRICT 1 — Lea, Roosevelt, and Curry Counties, and that portion of Chaves County lying East of the North-South line dividing Ranges 29 and 30 East, NMPM.

Office at 1000 West Broadway, Hobbs.

Mailing Address:

N. M. Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

DISTRICT 2 — Eddy, Otero, Dona Ana, Luna, Hidalgo, Grant, Sierra, Lincoln, and De Baca Counties, and that portion of Chaves County lying West of the North-South line dividing Ranges 29 and 30 East, NMPM.

Office at 10th and Dallas Streets, Artesia.

Mailing Address:

N. M. Oil Conservation Commission
Drawer DD
Artesia, New Mexico 88210

DISTRICT 3 — San Juan, Rio Arriba, McKinley, and Sandoval Counties.

Office at 1000 Rio Brazos Road,
Aztec.

Mailing Address:

N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

DISTRICT 4 — Remainder of State.

Office in State Land Office Building,
Santa Fe.

Mailing Address:

N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Each district office shall be under the charge of a district supervisor, an oil and gas inspector, a deputy oil and gas inspector, or a member of the Commission. Unless otherwise specifically required, all matters pertaining to the Commission shall be taken care of through the district office of the district in which the affected land is located."

(17) That Rule 1302 be amended to read in its entirety as follows:

"All reports and forms required by the rules to be filed with the Commission shall be filed in the number and at the time specified on the form or report or by the applicable rule in Section M, Reports, of these rules. Unless otherwise specified, all such reports and forms shall be filed at the district office of the district in which the land that is the subject matter of the report is located. All plugging bonds shall be filed directly at the Santa Fe Office of the Commission. A list of all plugging bonds approved and in force shall be kept in each district office."

IT IS FURTHER ORDERED:

That Section M, Reports, of the General Rules and Regulations of the Oil Conservation Commission be amended to read in its entirety as follows:

M - REPORTS

RULE 1100. GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided in Rules 1301 and 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits, and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells

Form C-104	Request for Allowable and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection Into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Destruction Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Operator's Monthly Report (Sheet 1 and Sheet 1-A)
Form C-119	Carbon Black Plant Monthly Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin (Initial Deliverability Test blue paper, Annual Deliverability Test white)
Form C-122-B	Initial Potential Test Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling or deepening operations, or before plugging a well back to another zone, the operator of the

well must obtain a permit to do so. To obtain such permit, the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable. If the proposal cannot be approved for any reason, the Forms C-101 will be returned with the cause for rejection stated thereon.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102.)

If the well is to be drilled on State land, submit SIX copies of Form C-101 and FOUR copies of Form C-102, the extra copy of each form being for the State Land Office.

RULE 1102. WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

Form C-102 is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of each lease contained within the dedicated acreage. When there is more than one working interest or royalty owner on a given lease, designation of the majority owner et al. will be sufficient.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted from the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE or QUADRUPLICATE as provided in Rule 1101.

Amended Form C-102 (in TRIPLICATE or QUADRUPLICATE) shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103. SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form to be filed with the appropriate District Office of the Commission to obtain Commission

approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to:

(1) Effecting a change of pl[illegible] from those previously approved on Form C-101 or Form C-103.

(2) Altering a drilling well's casing program or pulling casing or otherwise altering an existing well's casing installation.

(3) Temporarily abandoning a well.

(4) Plugging and abandoning a well.

(5) Performing remedial work on a well. (This shall include such work as acidizing, squeezing, perforating, fracturing, and similar operations on previously completed wells, but is not applicable to new wells in the process of being completed or to old wells being drilled deeper or plugged back to another zone when such recompletion has been authorized by an approved Form C-101, Application for Permit to Drill, Deepen, or Plug Back.)

(6) Performing any such other operations which, when completed, will affect the original status of the well. (Notice of Intention to install artificial lift equipment is not required.)

In the case of well plugging operations, the Notice of Intention shall include a detailed statement of the proposed work, including plans for shooting and pulling casing, plans for mudding, including weight of mud, plans for cementing, including number of sacks of cement and depths of plugs, and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be released until this is complied with.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations s[illegible] be filed in accordance with the section of this rule applicable to the particular operation being reported.

Form C-103 is to be used in reporting such completed operations as:

(1) Commencement of drilling operations
(2) Casing and cement test
(3) Altering a well's casing installation
(4) Temporary abandonment
(5) Plug and abandon
(6) Plugging back or deepening
(7) Remedial work
(8) Installation of artificial lifting equipment
(9) Change in ownership of a drilling well
(10) Such other operations which affect the original status of the well but which are not specifically covered herein

Information to be entered on Form C-103, Subsequent Report, for a particular operation is as follows:

(1) Report of Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the operator of the well shall file a report thereof on Form C-103 in TRIPLICATE. Such report shall indicate the hour and the date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Alteration

A report of casing and cement test shall be filed by the operator of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the [illegible] method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the operator of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the operator of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun and the date the work was completed, a detailed account of the manner in which the work was performed including the depths and lengths of the various plugs set, the nature and quantities of materials employed in the plugging operations including the weight of the mud used, the size and depth of all casing left in the hole, and any other pertinent information. (See Rules 201-204 regarding plugging operations.)

No plugging report will be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the operator to contact the appropriate District Office of the Commission when the location has been so restored in order to arrange for an inspection of the plugged well and the location by a Commission representative.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the operator of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas, and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Among the remedial work to be reported on Form C-103 are the following:

(a) Report on shooting, fluid fracturing or chemical treatment of a previously completed well
(b) Report on squeeze job
(c) Report on setting of liner or packer
(d) Report of installation of pumping equipment or gas lift facilities
(e) Report of any other remedial operations which are not specifically covered herein

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the operator of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Reports on Wells

Reports on any other operations which affect the original status of the well but which are not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the well within ten days following the completion of such operation.

RULE 1104. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

(1) Form C-104 completely filled out by the operator

of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously.) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

(2) The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the Form C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

(3) No allowable will be assigned to any well until a standard unit for the pool in which the well is completed has been dedicated by the owner, or a non-standard unit has been approved by the Commission, or a standard unit has been communitized or pooled and dedicated to the well.

(4) No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

(5) Form C-104 with sections I, II, III, and VI, completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of ownership, the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101.

(6) Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than

the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter. This paragraph is intended to deal primarily with authorized batch movements of oil by the operator for use as load oil, frac oil, etc.; eventual sale of this oil is governed by Rules 508 and 1126.

RULE 1105. WELL COMPLETION OR RECOMPLETION REPORT AND LOG (Form C-105)

Within 20 days following the completion or recompletion of any well, the operator shall file Form C-105 with the Commission. It must be filed in QUINTUPLICATE and each copy be accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radioactivity logs run on the well must be filed with Form C-105. If the Form C-105 with attached log(s) and summaries is not received by the Commission within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with.

In the case of a dry hole, a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, unless previously filed. The plugging report will not be approved nor the bond released until this rule has been complied with.

Form C-105 and accompanying attachments will not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request, the Commission will keep [illegible] data confidential for 90 days from the date of completion of the well, provided, however, that the report, log(s), and other [illegible] data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or in any court of law, regardless of the request that they be kept confidential.

RULE 1 [illegible]NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107. APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108. APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Section C.

RULE 1109. No Rule; there is no Form C-109 at present.

RULE 1110. No Rule; there is no Form C-110 at present.

RULE 1111. GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111, Gas Purchaser's Monthly Report, shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month to report all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission and two copies with the Santa Fe Office of the Commission. One additional copy shall also be sent to the Hobbs Office of the Commission. Information on Sheet No. 2 of Form C-111 shall be itemized by pools, [illegible] operators, and by leases, in alphabetical order.

Form C-111 shall be filed each month by the operator of any gas gathering system, gas transportation system, recycling system, fu[illegible] system, gas lift system, gas drilling operation, etc. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken into any such system during the preceding month and shall show the source of the gas and the disposition thereof.

Form C-111 shall also be filed each month by the operato[illegible] any gasoline plant, cycling plant, or other plant at which gaso[illegible], butane, propane, kerosene, oil, or other products are extracted from gas within the State of New Mexico. The form shall cover all natural gas, casinghead gas, and carbon dioxide gas taken by any such plant during the preceding month and shall show the source of the gas and the disposition thereof. If a plant operator owns more than one plant in a given OCC District, In prep[illegible] Sheet No. 2, the plant operator shall consolidate Sheet No. 1 of Form C-111 shall be filed for each such plant. all ac[illegible]ions for all plants in the District, itemized in the order d[illegible]d in the first paragraph of this rule.

Where gas is taken by the producer and utilized by him for any of the above uses, the producer shall file Form C-111 itemizing such gas. The producer shall also include this gas on his Operator's Monthly Report, Form C-115. Gas used on the lease from which it was produced for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or gas which is flared, shall also be included on the Form C-115 but is not to be included on the Form C-111.

RULE 1112. TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)

Each transporter and each storer of crude petroleum oil and liquid hydrocarbons within the State of New Mexico shall file for each calendar month a Transporter's and Storer's Monthly Report, Form C-112, containing complete information and data indicated by such form respecting stocks of crude petroleum oil and liquid hydrocarbons on hand and receipts and deliveries of crude petroleum oil and liquid hydrocarbons by pipeline and trucks within the State of New Mexico, and receipts and deliveries from leases to storers or refiners; between transporters within the State; between storers and refiners within the State. Form C-112 shall be filed in DUPLICATE and postmarked on or before the 15th day of the next succeeding month.

RULE 1113. REFINER'S MONTHLY REPORT (Form C-113)

Every refiner of crude petroleum oil within the State of New Mexico shall furnish for each calendar month a Refiner's Monthly Report, Form C-113, containing the information and data indicated by such form respecting crude petroleum oil and products involved in such refiner's operation during each month. Such report for each month shall be filed in DUPLICATE and be postmarked on or before the 15th day of the next succeeding month.

RULE 1114. No Rule; there is no Form C-114 at present.

RULE 1115. OPERATOR'S MONTHLY REPORT (Form C-115)

Operator's Monthly Report, Form C-115 or Form C-115-EDP, shall be filed on each producing lease within the State of New Mexico for each calendar month, setting forth complete information and data indicated on said forms. Oil production from wells which are producing into common storage shall be estimated as accurately as possible on the basis of periodic tests.

The reports on this form shall be filed by the producer as follows:

> Original to the Oil Conservation Commission at Santa Fe; one copy to the Oil Conservation Commission District Office at Hobbs; one copy to the District Office in which district the lease is located; and one copy to each transporter involved. Each report for each month shall be postmarked not later than the 24th day of the next succeeding month. Failure of an operator to file this report in accordance with the provisions of this rule may result in cancellation of Form C-104 for the affected well or wells.

RULE 1116. GAS-OIL RATIO TESTS (Form C-116)

Gas-oil ratio tests shall be made and reported on Form C-116 as prescribed in Rule 301, Gas-Oil Ratio Tests, and any applicable special pool rules. This form shall be submitted in DUPLICATE.

RULE 1117. SEDIMENT OIL DISPOSITION PERMITS (Form C-117-A and Form C-117-B)

(a) Form C-117-A, Sediment Oil Destruction Permit, shall be submitted to the appropriate District Office of the Commission in TRIPLICATE and in accordance with Rule 311 (b).

(b) Form C-117-B, Sediment Oil Recovery Permit, shall be submitted to the appropriate District Office of the Commission in QUADRUPLICATE and in accordance with Rule 311 (c).

RULE 1118. TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)

Form C-118 shall be submitted in DUPLICATE in accordance with Rule 312, and shall contain all the information required thereon. Column 1 of Sheet 1-A of Form C-118 entitled "Permit Number," has reference to the Sediment Oil Recovery Permit, Form C-117-B, for each lot of oil picked up for processing.

RULE 1119. CARBON BLACK PLANT MONTHLY REPORT (Form C-119)

Each operator of a carbon black plant within the State of New Mexico shall file for each calendar month the monthly volume

of gas received by him from a gasoline extraction plant or plants, and a monthly volume or volumes of gas received by him from each lease operator delivering natural gas directly to such plant, together with the opening and closing stocks and the production and deliveries by grades of carbon black or other products produced. Such reports shall be filed in DUPLICATE on Form C-119, Carbon Black Plant Monthly Report, and be postmarked on or before the 15th day of the next succeeding month. In addition, Form C-111 shall be filed each month in accordance with Rule 1111 if the Carbon Black Plant operator makes any purchase directly from a lease or operates any gas gathering or transmission system.

RULE 1120. MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A)

Form C-120 and Form C-120-A shall be submitted in TRIPLICATE each month and shall be used for reports required under Rule 70[illegible]. Form C-120 shall be postmarked not later than the 15th day of the next succeeding month. Form C-120-A shall be postmarked not later than the 15th day of the second succeeding month.

RULE 1121. PURCHASER'S NOMINATION FORMS (Form C-121 and Form C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to the Commission's statewide oil allowable hearing on nominations for the succeeding month. Nominations shall be filed each month by each person expecting to purchase oil from producing wells in New Mexico during the following month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. As an example, purchaser's nominations to take gas from a pool during the month of August would be considered by the Commission at its mid-July hearing, and should be submitted to the Santa Fe Office of the Commission by July 1.

In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122. MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122)
GAS WELL TEST DATA SHEET - SAN JUAN BASIN (Form C-122-A)
INITIAL POTENTIAL TEST DATA SHEET (Form C-122-B)
ONE-POINT BACK PRESSURE TEST FOR GAS WELLS (Form C-122-C)

Form C-122 shall be submitted in TRIPLICATE to the Oil Conservation Commission at Santa Fe, New Mexico, and shall be used to show back pressure data as required under the provisions of Rule 401 and any applicable special pool rules and proration orders. Forms C-122-A, C-122-B, and C-122-C shall be submitted according to applicable special pool rules and proration orders.

RULE 1123. REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)

The operator of a well which requires the creation or extension of a pool shall be given written instructions by the appropriate District Office regarding the filing of Form C-123 in DUPLICATE.

RULE 1124. RESERVOIR PRESSURE REPORT (Form C-124)

Form C-124 shall be submitted in TRIPLICATE and shall be used to report bottom-hole pressures as required under the provisions of Rule 302 and any applicable special pool rules.

RULE 1125. GAS WELL SHUT-IN PRESSURE TESTS (Form C-125)

Form C-125 shall be submitted in TRIPLICATE and shall be used to report shut-in pressure tests on gas wells as required under the provisions of Rule 402 and any applicable special pool rules.

RULE 1126. PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformity with Rule 503 and Rule 1104 (6).

RULE 1127. REQUEST FOR ALLOWABLE CHANGE (Form C-127)

One copy of Form C-127 shall be filed by the oil producer with the appropriate District Office of the Commission not later than the 10th day of the month preceding the month for which oil well allowable changes are requested.

RULE 1128. FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which, upon approval, will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C (May 1963)	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331 (May 1963)	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330 (Rev. 5-63)	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission Forms.

After a well is completed and ready for pipeline connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said rule - no other forms will be accepted.

Failure to comply with the provisions of this rule will result in the cancellation of Form C-104 for the affected well or wells.

IT IS FURTHER ORDERED:

(1) That Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Northwestern New Mexico, and Rule 7(A) of the General Rules and Regulations for Prorated Gas Pools, Southeastern, New Mexico, both as promulgated by Commission Order

No. R-1670, be amended to read in their entirety as follows:

> "RULE 7(A): Each month each gas purchaser shall file with the Commission his nomination for the amount of gas which he actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. One copy of such "supplemental" nomination for each pool shall be submitted to the Commission's Santa Fe Office on Form C-121-A by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the succeeding month (see Rule 1121 of the Commission Rules and Regulations). When filing such supplemental nomination, operator shall indicate both his preliminary nomination and his supplemental nomination. The Commission will consider all such preliminary and supplemental nominations at its statewide allowable hearing between the 13th and the 20th days of each month to determine the reasonable market demand for gas during the ensuing month, and will issue a proration schedule setting out the amount of gas which each well may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each well on the schedule."

IT IS FURTHER ORDERED:

(1) That any reference in any order, rule, regulation, memorandum, directive, or other instruction by the Commission to any form by name or by number which form name or number is superseded by a form name or number as the result of this order shall be construed as having reference to the supersedant form name or number.

(2) That this order shall become effective at 7:00 A.M., January 1, 1965.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease STATE ☐ FEE ☐

5. State Oil & Gas Lease No.

1a. Type of Work

b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations *(Show whether DF, RT, etc.)*	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 1

Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator			Lease		Well No.
Unit Letter	Section	Township	Range	County	

Actual Footage Location of Well:

feet from the line and feet from the line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
			Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

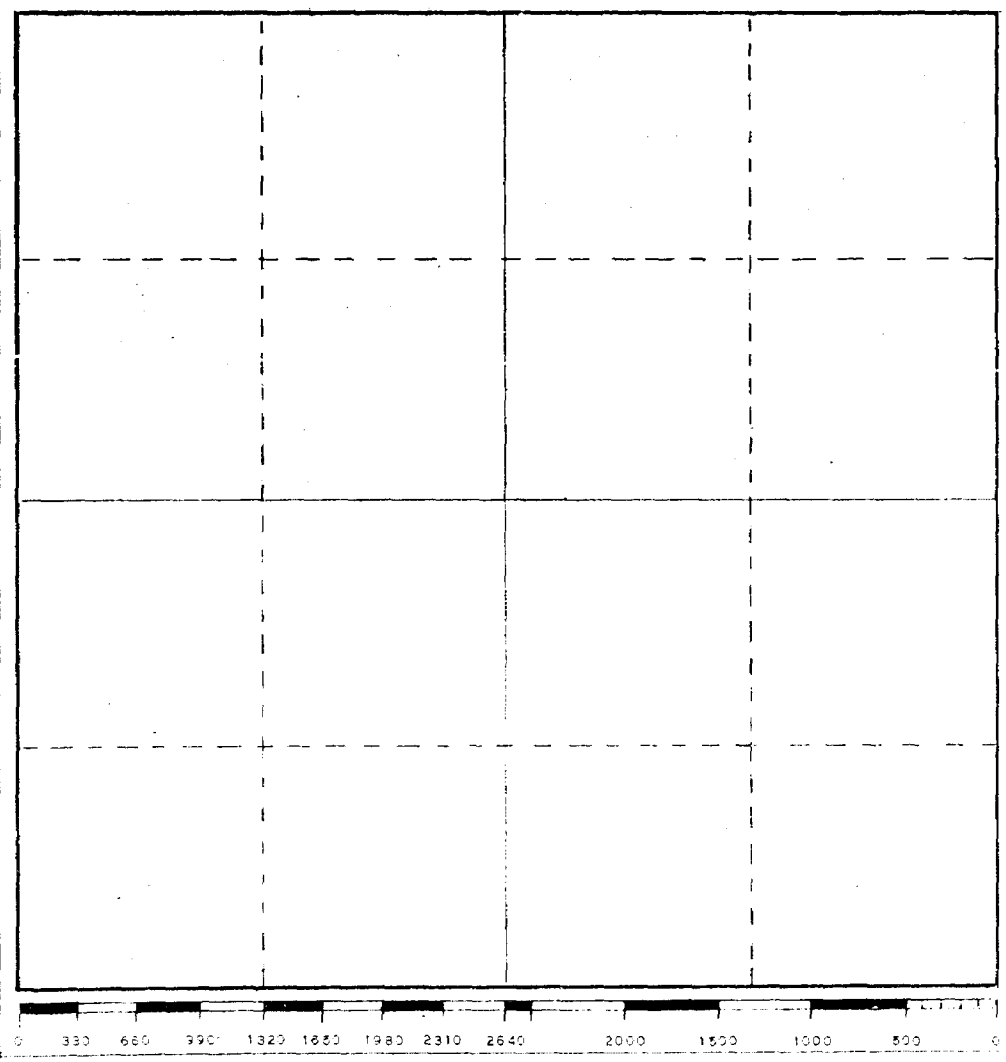
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Exhibit 2

Order No. R-2761

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NEW MEXICO OIL CONSERVATION COMMISSION

Supersedes Old C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

10. Field and Pool, or Wildcat

15. Elevation *(Show whether DF, RT, GR, etc.)*

12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Exhibit 3

Order No. R-2761

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TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11[illegible]
Effective 1-1-65

I.

Operator

Address

Reason(s) for filing *(Check proper box)*

New Well ☐
Recompletion ☐
Change in Ownership ☐

Change in Transporter of:
Oil ☐ Dry Gas ☐
Casinghead Gas ☐ Condensate ☐

Other *(Please explain)*

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee

Location

Unit Letter _____ ; _____ Feet From The _____ Line and _____ Feet From The _____

Line of Section _____, Township _____ Range _____, NMPM, _____ County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address *(Give address to which approved copy of this form is to be sent)*
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address *(Give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

_____ *(Signature)*

_____ *(Title)*

_____ *(Date)*

Exhibit 4
Order No. R-2761

OIL CONSERVATION COMMISSION

APPROVED _____

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State ☐ Fee ☐

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator

9. Well No.

3. Address of Operator

10. Field and Pool, or Wildcat

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

N.M. revised

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

C-105 (Rev 10-1-76)

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping — Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

Exhibit 5 Order No. R-2761

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104
4-28-61

NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

ACT Permit No. _____

Operator _____ Field _____

Address _____ County _____

Lease(s) to be served by this ACT Unit _____

Pool(s) to be served by this ACT Unit _____

Location of ACT System: Unit _____ Section _____ Township _____ Range _____

Order No. authorizing commingling between leases if more than one lease is to be served by this

System _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system

_____ Date _____

Authorized transporter of oil from this system _____

Transporter's address _____

Maximum expected daily through-put for this system: _____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by:

CHECK ONE

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of RULE 309-A

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If "A" above is checked, will flowing wells be shut-in at the header manifold or at the wellhead?

_____ Maximum well-head shut-in pressure _____

If "B" above is checked, how much storage capacity is available above the normal high working level of the

surge tank _____ BBLS.

What is the normal maximum unattended time of lease operation? _____ Hours.

What device will be used for measuring oil in this ACT unit?

CHECK ONE

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; describe _____

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with RULE 309-A.

Approved, Oil Conservation Commission

By _____

Title _____

Date _____

By _____

Title _____

Approval of Form C-106 does not eliminate the necessity of an approved C-104 prior to running any oil or gas from this system.

Exhibit 6

Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO _____
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please check YES or NO)

Yes	No	
☐	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☐	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☐	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES _____ NO _____. If answer is yes, give date of such notification _____.

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Exhibit 7
Order No. R-2761

_____
Signature

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER

ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

_____ _____ _____

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Exhibit 8
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
GAS PURCHASERS MONTHLY REPORT

Form C-111 Sheet No. 1
Supersedes old Form C-111 & C-111
Effective 1-1-65

Operator and Address	Plant	Month

REPORT ALL VOLUMES OF GAS IN MCF AT 15.025 PSIA AND 60°F

SECTION I – Volume of Gas Taken	VOLUME – MCF
Total Gas From Oil Wells (Detail on Sheet 2)	
Total Gas From Gas Wells (Detail on Sheet 2)	
Total Gas From Other Sources (Detail on Sheet 2)	
TOTAL TAKES	
Gasoline or Other Extraction Plant Only:	
Deduct Volume That By-Passed Plant and Was Not Processed	
TOTAL PLANT INPUT	

SECTION II – Disposition		ITEM	UNPROCESSED GAS VOLUME MCF	ITEM	PLANT RESIDUE VOLUME MCF
Lease Use	Detail Below	a.		h.	
Gas Drilling Operation	" "	b.		i.	
Gas Lift	" "	c.		j.	
Fuel System	" "	d.		k.	
Returned to Lease For Fuel	" "	e.		l.	
Returned to Earth	" "	f.		m.	
Sold or Other Disposition	" "	g.		n.	
Plant Fuel					
Vented					
Shrinkage					
Totals					
GRAND TOTAL – ALL DISPOSITION					

SECTION III – Detail of Disposition *(Show each individual disposition of items above.)* *(Attach additional sheets if necessary)*

ITEM	NAME AND ADDRESS OF PURCHASER OR USER	USED FOR	VOLUME – MCF

SECTION IV – Plant Production, Receipts, Deliveries, and Stock in Barrels of 42 U.S. Gallons.

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

Remarks: _____

Signature _____ Title _____ Date _____

Exhibit 9 Order No. R-2761

Form C-111
Sheet No. 2
Supersedes Old C-111 and C-114
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASER'S MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)

PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

Exhibit 9-A
Order No. R-2761

Form C-112
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
			TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

Exhibit 10
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

Form C-113
Revised 1-1-65
Sheet No. 1

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Distillates							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS
(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Exhibit 11
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Form C-113
Sheet No. 2
Revised 1-1-65

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

Exhibit 11-A
Order No. R-2761

STATEWIDE Form C-115 Rev. 10-1-61
SUBMIT: ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

(Company or Operator) _____ (Address) _____ FOR MONTH OF _____ Page ____ of ____

WELL NO. UNIT SEC. TWP. RNG. / POOL NAME (UNDERLINE)	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS						DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	CODE	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	CODE	TRANS-PORTER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		

Exhibit 12
Order No. R-2761

STATUS CODE
F------FLOWING
P------PUMPING
G------GAS LIFT
S------SHUT IN
T------TEMP ABANDONED
I------INJECTION

"OTHER" GAS DISPOSITION CODE
X - - - - USED OFF LEASE } (DESTINATION MUST BE SHOWN ON FORM C-111)
D - - - - USED FOR DRILLING }
G - - - - GAS LIFT
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

_____ _____
(SIGNATURE) (DATE)

_____
(POSITION)

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

STATEWIDE FORM C-115-EDP
SUBMIT ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

(Company or Operator) (Address) (Date) (Page)

STATE LAND-LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	TOTAL LIQUIDS PRODUCED: MONTHLY OIL ALLOWABLE	TOTAL LIQUIDS PRODUCED: ACTUAL BARRELS PRODUCED	TOTAL LIQUIDS PRODUCED: BARRELS OF WATER PRODUCED	GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS: VENTED	DISPOSITION OF GAS: GAS LIFT	DISPOSITION OF GAS: USED ON LEASE	DISPOSITION OF GAS: SOLD	DISPOSITION OF GAS: PURCH.	DISPOSITION OF GAS: OTHER	DISPOSITION OF GAS: CODE	DISPOSITION OF OIL: OIL ON HAND BEG. OF MONTH	DISPOSITION OF OIL: BARRELS TO PIPELINE	DISPOSITION OF OIL: BARRELS TO TRUCKS	DISPOSITION OF OIL: OTHER	DISPOSITION OF OIL: CODE	DISPOSITION OF OIL: TRANSPORTER	DISPOSITION OF OIL: OIL ON HAND END OF MONTH

"OTHER" OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (BS&W)
E - - - - EXPLANATION ATTACHED

"OTHER" GAS DISPOSITION CODE
X - - - - USED OFF LEASE } DESTINATION MUST BE SHOWN ON FORM C-111
D - - - - USED FOR DRILLING }
L - - - - LOST (MCF ESTIMATED
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(TITLE)

Exhibit 13
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS M.C.F.	GAS - OIL RATIO CU.FT./BBL.

Exhibit 14
Order No. R-2761

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Form C-117A
1-1-58

NEW MEXICO OIL CONSERVATION COMMISSION
SEDIMENT OIL DESTRUCTION PERMIT

Operator _____ hereby requests authority

to destroy the following described sediment oil: _____

Name of lease _____

Location of lease _____

Type of sediment oil (Pit oil, tank bottoms, etc.) _____

Estimated gross volume, barrels _____

Reason why sediment oil cannot be salvaged: _____

_____

_____

_____

_____

_____

_____

_____

Operator _____

By _____

Title _____

Date _____

Approved _____ 19 _____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 15
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION
SEDIMENT OIL RECOVERY PERMIT

Form C-117-B
1-1-59

Permit Number _____

Date _____

Oil Conservation Commission
State of New Mexico

Gentlemen:

We the undersigned hereby request authority to remove the following described sediment oil from the lease for purposes of reclamation. It is understood that any merchantable oil derived from said sediment oil will be charged against the allowable for wells on the subject lease.

Name of lease _____

Location of lease _____

Type of sediment oil (Tank bottoms, Pit oil, etc.) _____

Estimated gross volume, Barrels _____

Sediment oil to be transported to: (Name and location of treating plant) _____

_____

_____

Remarks: _____

_____

_____

_____

_____

_____

Yours very truly,

Lease Operator _____	Oil Transporter _____
By _____	By _____
Title _____	Title _____
Date _____	Date _____

Approved _____ 19____

NEW MEXICO OIL CONSERVATION COMMISSION

By _____

Title _____

Exhibit 16
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

TREATING PLANT OPERATOR'S MONTHLY REPORT

Form C-118
Revised 1-1-59
Sheet 1

Report of _____ Month of _____

Address _____
(Street) (City) (State)

TOTAL STOCKS PIPELINE OIL BEGINNING OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

TOTAL PIPELINE OIL RECOVERED (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

DELIVERIES PIPELINE OIL (Attach additional sheets if necessary)		
FROM	TO	BARRELS
	TOTAL ALL PLANTS	

TOTAL STOCKS PIPELINE OIL END OF MONTH (Attach additional sheets if necessary)		
PLANT NAME	LOCATION	BARRELS
	TOTAL ALL PLANTS	

Exhibit 17
Order No. R-2761

I hereby certify that this report is true and complete to the best of my knowledge and belief.

NAME OF TREATING PLANT OPERATOR _____

By _____ Title _____ Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

PIPELINE QUALITY OIL RECOVERED BY TREATING PLANTS

Form C-118
(Revised 1-1-59)
Sheet 1 A

PERMIT NUMBER	LEASE OPERATOR	LEASE NAME	GROSS VOLUME SEDIMENT OIL	NET BBLS. P.L. OIL RECOVERED

Exhibit 17-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-119
Revised 1-1-65

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity—MCF Gas Daily | Recovery/MCF

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR. PER 100 CU. FT.	MTHLY. VOL. MCF.
1.					
2.					
3.					
4.					
5.					
TOTAL					
Estimated Average B.T.U.					

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

Exhibit 18
Order No. R-2761

(Signature)

(Title)

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-120
(Revised 5-1-60)

MONTHLY INJECTION REPORT

Submit this report in triplicate to the District Office, Oil Conservation Commission.

Company _____ Pool _____

County _____ Month _____

INJECTION WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	MCF GAS INJECTED	CUMULATIVE GAS INJ.	BBLS. WATER INJECTED	CUMULATIVE WATER INJ.	AVG. INJ. PRESSURES
TOTAL										

PRODUCING WELLS (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	BBLS. OIL PRODUCED	MCF GAS PRODUCED	GOR	BBLS. WATER PRODUCED	% WATER PRODUCED
TOTAL										

PRODUCING WELLS OUTSIDE A PRORATED WATERFLOOD PROJECT AREA WHICH ARE PRODUCING INTO COMMON FACILITIES WITH WELLS INSIDE A PRORATED WATERFLOOD PROJECT AREA (Attach additional sheets if necessary)

LEASE	WELL NO.	LOCATION UL	S	T	R	DATE OF TEST	LENGTH OF TEST	BARRELS PRODUCED	BARRELS PER DAY
Exhibit 19 Order No. R-2761									

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Remarks: _____ NAME _____

_____ TITLE _____

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-120-A
3-30-60

MONTHLY WATER DISPOSAL REPORT

Submit this report in triplicate to the approriate District Office, Oil Conservation Commission.

Disposal System Operator _____ Disposal System _____

County _____ Month _____ 19 ____

LEASE	WELL NO.	LOCATION				DISPOSED WATER BARRELS	CUMULATIVE DISPOSED WATER-BARRELS	AVERAGE INJECTION PRESSURES
		UL	S	T	R			

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico

Form C-121
Revised (12/1/55)

CRUDE OIL PURCHASER'S NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission that Crude Oil Purchase Nominations be submitted not later than five days prior to said Commission's statewide proration hearing on nominations for the succeeding month, the undersigned purchaser's daily nomination for the month of....., 19....., is as follows:

1. All purchases from producing wells in all pools in Eddy, Lea, Chaves and Roosevelt Counties (1) . . . .Bbls./day

2. All purchases from producing wells in all pools in San Juan, McKinley and Rio Arriba Counties (1) . . . .Bbls./day

3. Total nomination for all producing wells in state . . . .Bbls./day

4. Additional purchases from all other sources to satisfy purchase requirements (2) . . . .Bbls./day

5. Total nominations . . . .Bbls./day

6. The total purchases from producing wells for the second month preceding date of this nomination was: Month ____ 19 ____ .....Bbls.

Dated this.....day of....., 19.....

Notes:
(1)- List Nominations by pools on Attached Sheet.
(2)- List Sources and Quantities on an attached sheet.

.....
(Name of Purchasing Company)

By:.....
(Name of Agent)

SWORN TO AND SUBSCRIBED Before me this the.....day of ....., 19.....

Exhibit 21
Order No. R-2761

.....
Notary Public

Form C-121-A
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ (Signature) _____ (Title) _____ (Date)

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

Exhibit 21-A
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool		Formation		County
Initial	Annual	Special	Date of Test	
Company		Lease		Well No.
Unit	Sec.	Twp.	Range	Purchaser
Casing	Wt.	I.D.	Set at	Perf. / To
Tubing	Wt.	I.D.	Set at	Perf. / To
Gas Pay: From	To	L	G	GL / Bar. Press.
Producing Through: Casing	Tubing	Type Well – Single – Braden head – G.G. or G.O. Dual		
Date of Completion	Packer	Reservoir Temp.		

OBSERVED DATA

Tested Through: Prover ☐ Choke ☐ Meter ☐ Type of Taps

	FLOW DATA					TUBING DATA		CASING DATA		DURATION
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	OF FLOW HR.
SI										
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ $(1-e^{-S})$ _____ P_c _____ P_c^2 _____

No.	P_w / P_t psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: _____ MCFPD; n _____

COMPANY _____ WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE _____

Exhibit 22
Order No. R-2761

NEW MEXICO OIL CONSERVATION COMMISSION

INITIAL POTENTIAL TEST DATA SHEET

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

Pool _____ Formation _____

County _____ Date Well Tested _____

Operator _____ Lease _____ Well No. _____

Unit Letter _____ Section _____ Township _____ Range _____

Casing O.D. _____ Wt. _____ Set At _____ Tubing O.D. _____ Wt. _____ Set At _____

Pay Zone: From _____ To _____ Gas Gravity: Meas. _____ Est. _____

Tested Through: Casing _____ Tubing _____

Test Nipple _____ I.D. Type of Gauge Used: Spring ☐ Monometer ☐

OBSERVED DATA

Shut-In Pressure: Casing _____ Tubing _____ S.I. Period _____

Time Well Opened _____ Time Well Gauged _____ Impact Pressure _____

Volume (Table I) _____ (a)

Multiplier For Pipe or Casing (Table II) _____ (b)

Multiplier For Flowing Temperature (Table III) _____ (c)

Multiplier For Sp. Gravity (Table IV) _____ (d)

Avg. Barometer Pressure at Wellhead (Table V) _____

Multiplier For Barometric Pressure (Table VI) _____ (e)

Initial Potential, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) = _____

Witnessed By: _____ Tested By _____

Company: _____ Company _____

Title: _____ Title _____

Exhibit 23

Order No. R-2761

Form C-122-C
1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

One-point Back-Pressure Test for Gas Wells

(Deliverability Test at Deliverability Pressure P_d of 80% of Well's Shut-in Pressure P_c)

Pool_____ Formation_____ County_____

Initial_____ Annual_____ Special_____ Date of Test_____

Company_____ Lease_____ Well No._____

Unit_____ Section_____ Township_____ Range_____ Purchaser_____

Casing_____ Wt._____ I.D._____ Set at_____ Perf. from_____ to_____

Tubing_____ Wt._____ I.D._____ Set at_____ Perf. from_____ to_____

Gas Pay from_____ to_____ L_____ G_____ G x L_____ Bar. Press.____

Producing Through Casing or Tubing_____ Type of Well (Single, Dual, etc.)_____

FLOW DATA

Started Date	Started Time	Taken Date	Taken Time	Duration Hours	Type Taps	Line Size	Orifice Size	Static Press.	Differential	Flow Temp.
	AM		AM							
	PM		PM							

FLOW CALCULATIONS

Static Pressure P_f	Differential h_w	Meter Extension $\sqrt{P_f h_w}$	24-hour Coefficient	Gravity Factor F_g	Temp. Factor F_t	Compressibility F_{pv}	Rate of Flow MCF/Day @ 15.025 psia Q

SHUT-IN DATA

FLOW DATA

Shut-in Date	Shut-in Time	Press. Taken Date	Press. Taken Time	Duration Hours	Wellhead Pressure (P_c) psia Tubing	Wellhead Pressure (P_c) psia Casing	W.H. Working Pressure (P_w) and (P_t) psia Tubing	W.H. Working Pressure (P_w) and (P_t) psia Casing
	AM		AM					
	PM		PM					

FRICTION CALCULATIONS (if necessary)

DELIVERABILITY CALCULATIONS

P_w_____ P_c_____ P_w/P_c_____ P_d_____

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
$1 - \frac{P_w}{P_c}$	$1 + \frac{P_w}{P_c}$	$\left(1 - \frac{P_w}{P_c}\right)\left(1 + \frac{P_w}{P_c}\right)$	0.36/Col. 3	n	Q
	(a)		(b)		(c)

Log Col. 4_____ Log Col. 5_____ Log Col. 6_____

(a) x (b) + (c) = Log D = _____. D, Deliverability, = _____ MCF/Day

Company_____ By_____ Title_____

Witnessed by_____ Company

Exhibit 24 Order No. R-2761

Form C-122-A

Revised April 20, 1955

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation_____ County_____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease_____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To_____ * Date S.I.P. Measured_____

Meter Run Size_____ Orifice Size_____ Type Chart_____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt)	_____ psig + 12 =	_____	psia	(a)
Flowing tubing pressure (Dwt)	_____ psig + 12 =	_____	psia	(b)
Flowing meter pressure (Dwt)	_____ psig + 12 =	_____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:				
Normal chart reading	_____ psig + 12 =	_____	psia	(d)
Square root chart reading (_____)^2 x spring constant	_____ =	_____	psia	(d)
Meter error (c) - (d) or (d) - (c)	± =	_____	psi	(e)
Friction loss, Flowing column to meter:				
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	=	_____	psi	(f)
Seven day average static meter pressure (from meter chart):				
Normal chart average reading	_____ psig + 12 =	_____	psia	(g)
Square root chart average reading (_____)^2 x sp. const.	_____ =	_____	psia	(g)
Corrected seven day avge. meter press. (p_t) (g) + (e)	=	_____	psia	(h)
P_t = (h) + (f)	=	_____	psia	(i)
Wellhead casing shut-in pressure (Dwt)	_____ psig + 12 =	_____	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	_____ psig + 12 =	_____	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	_____	psia	(l)
Flowing Temp. (Meter Run)	_____ °F + 460 =	_____	°Abs	(m)

Form C-122-A

Revised April 20, 1955

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool_____ Formation_____ County_____

Purchasing Pipeline_____ Date Test Filed_____

Operator_____ Lease_____ Well No._____

Unit_____ Sec._____ Twp._____ Rge._____ Pay Zone: From_____ To_____

Casing: OD_____ WT._____ Set At_____ Tubing: OD_____ WT._____ T. Perf._____

Produced Through: Casing_____ Tubing_____ Gas Gravity: Measured_____ Estimated_____

Date of Flow Test: From_____ To_____ * Date S.I.P. Measured_____

Meter Run Size_____ Orifice Size_____ Type Chart_____ Type Taps_____

OBSERVED DATA

Flowing casing pressure (Dwt) _____	psig + 12 = _____	psia	(a)
Flowing tubing pressure (Dwt) _____	psig + 12 = _____	psia	(b)
Flowing meter pressure (Dwt) _____	psig + 12 = _____	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading _____	psig + 12 = _____	psia	(d)
Square root chart reading (_____) ^{2} x spring constant _____	= _____	psia	(d)
Meter error (c) - (d) or (d) - (c) ±	= _____	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing; (a) - (c) Flow through casing	= _____	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading _____	psig + 12 = _____	psia	(g)
Square root chart average reading (_____) ^{2} x sp. const. _____	= _____	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= _____	psia	(h)
P_t = (h) + (f)	= _____	psia	(i)
Wellhead casing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(k)
P_c = (j) or (k) whichever well flowed through	= _____	psia	(l)
Flowing Temp. (Meter Run) _____ °F + 460	= _____	°Abs	(m)
P_d = ½ P_c = ½ (l)	= _____	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{____} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = ____ = ____ \right)^{*} = ____ \text{MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q ____ \left[\frac{\left(P_c^2 - P_d^2\right) = ____}{\left(P_c^2 - P_w^2\right) = ____} \right]^{n} ____ = ____ \text{ MCF/da.}$$

SUMMARY

P_c = _____ psia

Q = _____ Mcf/day

P_w = _____ psia

P_d = _____ psia

D = _____ Mcf/day

Company_____

By_____

Title_____

Witnessed by_____

Company_____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2 \quad (1-e^{-s})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w

Exhibit 26

Order No. R-2761

(Form C-123)
(Revised 7/1/52)

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
State of New Mexico

Date....., 19.....

The.....
Name of Operator Name of Lease

.....Located.....feet from the.....line and.....feet
Well No.

from the.....line of.....
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted herewith on form C-105, we hereby request that the.....

pool be extended to include the following described area.....

.....

or that a new pool be created to include the following described area.....

.....

Suggested name: .....

.....
Operator

Name of Producing Formation:.....

....
Representative

Exhibit 27
Order No. R-2761

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA*: PROD. TEST (BBLS./DAY) OIL	WATER	LIQUID LEVEL	LIQUID GRADIENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

Exhibit 28
Order No. R-2761

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Form C-127
Revised 1-1-65

REQUEST FOR ALLOWABLE CHANGES

One copy of Form C-127 shall be filed with the appropriate District Office of the Oil Conservation Commission not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.

Date _____

The following allowable changes for the month of _____ 19____

are hereby requested by _____
Operator

_____
Address

No well can be assigned an allowable greater than the amount of oil produced on the latest G.O.R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.

POOL	LEASE	WELL NO.	UNIT	S	T	R	ALLOWABLE REQUESTED	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Exhibit 31
Order No. R-2761

Representing _____
Operator

Signed _____

Title _____

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-127
Revised 1-1-65

REQUEST FOR ALLOWABLE CHANGES

One copy of Form C-127 shall be filed with the appropriate District Office of the Oil Conservation Commission not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.

Date _____

The following allowable changes for the month of _____ 19____

are hereby requested by _____
Operator

_____
Address

No well can be assigned an allowable greater than the amount of oil produced on the latest G.O.R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.

POOL	LEASE	WELL NO.	UNIT	S	T	R	ALLOWABLE REQUESTED	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Exhibit 31
Order No. R-2761

Representing _____
Operator

Signed _____

Title _____

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-126
REVISED 1-1-65

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1104(6)		

APPROVED: NEW MEXICO OIL CONSERVAT ON COMMISSION

(Signature)

(Title) *(Date)*

Exhibit 30
Order No. R-2761

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL SHUT-IN PRESSURE REPORT

Revised 12-1-65

Operator	Address	Pool	County

LEASE	WELL NO.	LOCATION				DATE PRESS. RUN	TIME S.I. HRS./MIN.	S.I. PRESSURE PSIG (DWT)	S.I. PRESSURE PSIA	PREV. TEST DATE
		UNIT	SEC.	TWP.	RGE.					

Exhibit 29
Order No. R-2761

I hereby certify that the above information is true and complete to the best of my knowledge and belief. SEE RULE 402

Name _____ Title _____ Date _____

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)* **Change in Transporter** *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	New Well ☐ Re-completion ☐ Change in Ownership ☐ Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SECTION _____ , TOWNSHIP _____ , RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

** Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and re-completed wells.

Fill out Sections I, II and III for change of owner, well name, transporter or other change of condition.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

MAIN OFFICE OCC
1963 OCT 21 AM 8:25

October 18, 1963

The Oil Conservation Commission
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Gentlemen:

The attached press release describes certain new standardized oil and gas report forms designed by the Geological Survey and the Interstate Oil Compact Commission, and states that the starting date for joint use of the forms for both Federal and State offices will be determined by the States concerned.

Sample copies of the following described forms are attached to this letter:

9-330 Well Completion or Recompletion Report and Log
9-331 Sundry Notices and Reports on Wells
9-331C Application for Permit to Drill, Deepen, or Plug Back

The Southwestern Region of the Branch of Oil and Gas Operations, Geological Survey, commenced the distribution and use of the above described forms on October 1, 1963.

The forms were designed to enable oil and gas operators to file reports on the same form with the Geological Survey and State regulatory bodies. It is hoped that they can be adopted for use in oil and gas operations under your jurisdiction.

Sincerely yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Mr. Lawrence Alley, I.O.C.C.
Oklahoma City, Oklahoma

UNITED STATES

DEPARTMENT of the INTERIOR

★ news release

GEOLOGICAL SURVEY — Forrester - Interior 4646

For Release AUGUST 13, 1963

NEW STANDARDIZED OIL AND GAS REPORT FORMS DISTRIBUTED

The first distribution of standardized oil and gas report forms designed by the Geological Survey in cooperation with the Interstate Oil Compact Commission was announced today by the Department of the Interior.

The forms, one new, and two revised, are for the use of oil and gas operators in states where reports and records on wells must be filed with both state and federal agency offices.

V. G. Barton of the Survey's Branch of Oil and Gas Operations, which supervises operations on Federal and most Indian oil and gas leases, said that the standardized forms "are expected to result in substantial savings to the operators as well as bring definite improvements in the quality and use of the reports."

"Eleven States have already agreed to accept reports on the new form said the Survey spokesman.

"As the advantages of using one form instead of several become obvious added Barton, "other States, where applicable, will probably follow the new procedure."

The three forms are entitled: "Notice of Intention to Drill, Deepen, or Plug Back," "Sundry Notices and Reports on Wells," and "Well Completion or Recompletion Report and Log."

A supply of these forms bearing the Department of the Interior, Geological Survey, heading may be obtained from the offices of the Regional Oil and Gas Supervisors, Geological Survey, and from any Geological Survey District offices in those Regions. Requests for supplies of the forms bearing State agency headings should be directed to the appropriate State agency.

The starting date for use of the forms as to Federal and Indian land operation will be set by the Oil and Gas Supervisor in each Geological Survey Region. The starting date for joint use of the forms for both Federal and State offices will be determined by the States concerned.

P.N. 33165-63

x x x

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1981 O-683636

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

18. I hereby certify that the foregoing is true and correct

SIGNED ..... TITLE ..... DATE .....

(This space for Federal or State office use)

APPROVED BY ..... TITLE ..... DATE .....
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685229

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH | 13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685231

Form 9–330
(Rev. 5–63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES. SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963 O 683636

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685229

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH | 13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-685231

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

7. UNIT AGREEMENT NAME

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

8. FARM OR LEASE NAME

2. NAME OF OPERATOR

9. WELL NO.

3. ADDRESS OF OPERATOR

10. FIELD AND POOL, OR WILDCAT

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1961—O 683836

Form 9–331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42–R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)	☐						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685229

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH | 13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685231

7/22/64

8:30 AM Called Jerry Hickson w/ EP and asked him to insert the following on Form C-102

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit eliminating such interests has been approved by the Commission.

This will be included in the paragraph commencing w/ "If answer is "no," etc

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES
AND FORMS

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C.

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B) (Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118) (Same as old Ruie 1117)

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119) (Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A) (Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C) (Same as old Rule 1121)

RULE 1123 REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123) (Same as old Rule 1122)

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124) (Same as old Rule 1123)

RULE 1125 GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph.

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127) (Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices' mailing addresses will be included)

In addition to the above rule changes, numerous other non-substantive changes will be made throughout the Rules and Regulations where reference is made to a Form number or title which would not be consistent with the proposed changes.

C-108

Form ~~C-120-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-~~100~~ C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-188~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of	
Report of	Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge or belief.

(Signature) *(Title)* *(Date)*

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSINE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products
(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS-OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST - (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGIN-NING	CSG. END	SEPA-RATOR	SEPA. RATOR TEMP. °F	DAILY ALLOW-ABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-111
Form C-111
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator | Field | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

Plant Name | Permit No.

County | Rated Capacity — MCF Gas Daily

Date

	SOURCE OF GAS SUPPLY PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
	TOTAL			
	Estimated Average BTU			

	DISPOSITION OF GAS	
1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
	TOTAL	

	CARBON BLACK PRODUCTION IN POUNDS TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK
1.						
2.						
3.						
4.						
	TOTAL					

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-121-A
Form C-121-A
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____

Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____

(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate month's in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as or higher or lower than the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to use.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 REVISED

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Signature)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PACKER SETTING REPORT

I, _____ (*Name of party making report*), being of lawful age and having full knowledge of the facts hereinafter set out do state:

That I am employed by _____ in the capacity of _____, that on _____, 19___ I personally supervised the setting of a _____ (*Make & type of packer*) in _____ (*Operator of well*), _____ (*Lease name*), Well no. _____ located in the _____ field, _____ county, state of _____, at a subsurface depth of _____ feet, said depth measurement having been furnished me by _____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer, that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____ (*Signature*)

_____ (*Title*)

_____ (*Date*)

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations *(Show whether DF, RT, etc.)*	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage: Acres

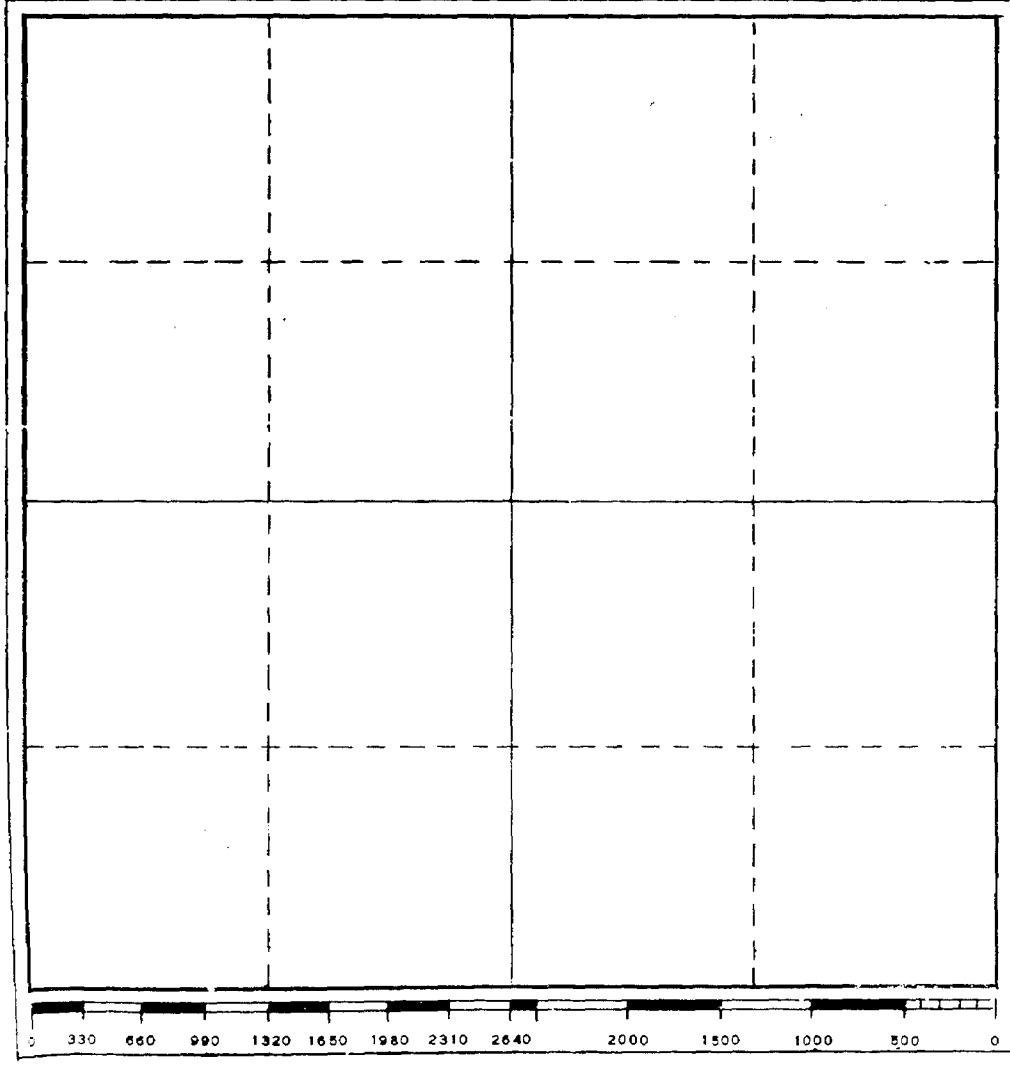
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below:

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-103 C-103
Supersedes C-102 and C-103
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

	5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT –" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
3. Address of Operator	9. Well No.
4. Location of Well UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.	10. Field and Pool, or Wildcat
15. Elevation *(Show whether DF, RT, GR, etc.)*	12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

(Agency heading and Form No. and date)

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

7. UNIT

8. FARM OR LEASE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1.

DESIGNATE TYPE OF COMPLETION — OIL WELL ☐ GAS WELL ☐ OTHER _____ DRY ☐

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ OTHER _____ SAME RESVR. ☐ DIFF. RESVR ☐

2. OPERATOR

9. WELL NO.

3. ADDRESS

10. FIELD & POOL, OR WILDCAT

4. LOCATION (In feet from nearest lines of section or legal subdivision, where possible) *
Surface

Top prod. interval

At total depth

11. SEC., T., R., M., OR BLK. & SURVEY, OR BLK. & AREA

14. PERMIT NO.	DATE ISSUED	PREVIOUS PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)*	19. ELEV. CASINGHEAD FLGE.

20. TOTAL DEPTH (MD & TVD)	21. PLUG. BACK T.D.(MD & TVD)	22. IF MULTIPLE COMPL., HOW MANY *	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD) *

25. DATE DIRECTIONAL SURVEY SUBMITTED

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD

DEPTH INTERVAL (MD)	HOLES PER FT., SIZE AND TYPE, PURPOSE

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCING METHOD (Flowing, gas lift, pumping,--- size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST →	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	OIL GRAVITY-API (Corr.)

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I herby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*SEE INSTRUCTIONS ON REVERSE SIDE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Supplemental instructions by local Federal and/or State offices will govern the use of this form.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see space 36.

Space 4: If this well was directionally drilled, show both the location at the surface and at total depth from nearest lines, where possible; also show the locations at the top and at the bottom of any zone for which production data are reported in space 33, and any zone open for injection or disposal. Use this reverse side if more space is needed. (MD = Measured Depth, TVD = True Vertical Depth)

Space 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Spaces 22 and 24: If this well is completed for separate production from more than one zone (multiple-zone completion), so state in space 22, and in space 24 show the producing interval, or intervals, top(s), bottom(s) and name(s)(if any) for only the zone reported in space 33. Submit a separate completion report on this form for each interval (zone) to be separately produced.

Space 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Space 33: Submit a separate completion report on this form for each interval (zone) to be separately produced. (See instruction for spaces 22 and 24 above.)

SUMMARY OF WATER ZONES AND NON-COMMERCIAL OIL OR GAS ZONES (Note: If well was directionally drilled, show both measured and true vertical depths for zones and markers listed)						GEOLOGIC MARKERS		
KIND OF FORMATION	DEPTH TO TOP		DEPTH TO BOTTOM		CONTENTS; PRODUCTIVE RATE, IF KNOWN	NAME	DEPTH TO TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH

(Agency heading and Form No. and date)

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

1. **APPLICATION FOR PERMIT TO:**

DRILL* ☐ **DEEPEN** ☐ **PLUG BACK** ☐

7. UNIT

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. FARM OR LEASE NAME

2. OPERATOR

9. WELL NO.

3. ADDRESS

10. FIELD AND POOL, OR WILDCAT

4. LOCATION (In feet from nearest lines of section or legal subdivision, where possible)*

11. SEC., T., R., M., OR BLK. & SURVEY, OR BLK. & AREA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH

13. STATE

15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE-FT. (Also to nearest drlg.unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF WELLS ON THIS LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO SAME RESERVOIR(S)
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL ON THIS LEASE--FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (D.F., R.K.B., R.T., GRD., etc.; how determined)		22. APPROX. DATE WORK WILL START

23. KIND AND STATUS OF BOND

24. IF LEASE PURCHASED WITH ANY WELLS DRILLED, FROM WHOM PURCHASED (Name and address)

25 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR SECOND HAND	DEPTH	SACKS OF CEMENT

DESCRIBE PROPOSED OPERATIONS. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOW OUT PREVENTER PROGRAM, IF ANY.

26.

SIGNED _____ TITLE _____ DATE _____

27. (This space and space 28 for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

28.

APPROVED BY _____ TLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

INSTRUCTIONS

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations.

Space 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations.

Space 4: If the well is to be, or has been, directionally drilled, so state and show in space 25, or by attached sheets, if necessary, the coordinate location of the hole in any present or objective productive zones.

Space 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished if required by Federal or State agency offices.

Spaces 15 and 18: If well is to be, or has been, directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Space 23: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

P-15

(Agency heading and Form No. and date)

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

1.

SUNDRY NOTICES AND REPORTS ON WELLS

7. UNIT

OIL WELL ☐ GAS WELL ☐ OTHER DRY ☐

8. FARM OR LEASE NAME

2. OPERATOR

9. WELL NO.

3. ADDRESS

10. FIELD AND POOL, OR WILDCAT

4. LOCATION (In feet from nearest lines of section or legal subdivision, where possible)

11. SEC., T., R., M., OR BLK. & SURVEY, OR BLK. & AREA

14. ELEVATIONS (D.F., R.K.B., R.T., GRD., etc.; how determined)

12. COUNTY OR PARISH | 13. STATE

15. INDICATE BELOW BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	SHOOT OR ACIDIZE	☐	WATER SHUT-OFF	☐	SHOOTING OR ACIDIZING	☐
FRACTURE TREAT	☐	REPAIR WELL	☐	FRACTURE TREATMENT	☐	REPAIRING WELL	☐
MULTIPLE COMPLETE	☐	PULL OR ALTER CASING	☐	SHOOTING CASING	☐	ABANDONMENT	☐
ABANDON	☐	CHANGE PLANS	☐				

(Note: Report results of multiple completion on Well Completion or Recompletion and Log form)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)

18. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

19. (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State pursuant to applicable State law and regulations.

Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above pluge; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Do not use this form for proposals to drill, redrill, deepen or plug-back. Another form is provided for such proposals.

(Experimental Form
April-1962)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1. **APPLICATION FOR PERMIT TO:**

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

5. [illegible] AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

2. OPERATOR

8. FARM OR LEASE NAME

3. ADDRESS

9. WELL NO.

4. LOCATION (Report location clearly and in accordance with any State requirements.*)
At surface

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. & SURVEY OR AREA

At proposed prod. zone

12. COUNTY OR PARISH | 13. STATE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL, COMPLETED IN OR DRILLING TO SAME RESERVOIR(S)

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL ON THIS LEASE--FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS Derrick Floor	Rotary Kelly Bushing	Rotary Table	Ground	Other	22. APPROX. DATE WORK WILL START

23. KIND AND STATUS OF BOND

24. IF LEASE PURCHASED WITH ANY WELLS DRILLED, FROM WHOM PURCHASED (Name and address)

25 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR SECOND HAND	DEPTH (MD)	SACKS OF CEMENT

DESCRIBE PROPOSED OPERATIONS: If proposal is to deepen or plug back, give data on present productive zone and proposed new [illegible] preventer program, if any.
If proposal is to directionally drill or deepen, give pertinent data on subsurface locations and measured and true vertical depths.

26.

SIGNED _____ TITLE _____ DATE _____

(This space and space 28 for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

INSTRUCTIONS

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations.

Space 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations.

Space 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Space 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Spaces 15 and 18: If well is to be, or has been, directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Space 23: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

(Experimental Form
April-1962)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1. 5. LEASE DESIGNATION AND SERIAL

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill, deepen or plug-back. Another form is provided for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

OIL WELL ☐ GAS WELL ☐ OTHER DRY ☐

7. UNIT AGREEMENT NAME

2. OPERATOR

8. FARM OR LEASE NAME

3. ADDRESS

9. WELL NO.

4. LOCATION (Report location clearly and in accordance with any State requirements * See also space 17 below)
At surface

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. & SURVEY OR BLK. & AREA

14. ELEVATIONS Derick Floor	Rotary Kelly Bushing	Rotary Table	Ground	Other	12. COUNTY OR PARISH	13. STATE

15. INDICATE BELOW BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA

NOTICE OF INTENTION TO: (Submit in triplicate)

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON	☐
REPAIR WELL	☐	CHANGE PLANS	☐

SUBSEQUENT REPORT OF: (Submit in duplicate except abandonment.)

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT (Other)	☐

(Note: Report results of multiple completion on Well Completion or Recompletion and Log form)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

18. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State pursuant to applicable State law and regulations.

Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Space 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

(Experimental Form
April-1962)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
(SUBMIT IN DUPLICATE)

1. DESIGNATE TYPE OF COMPLETION: OIL WELL ☐ GAS WELL ☐ OTHER ____ DRY ☐
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ OTHER ____ SAME RESVR. ☐ DIFF. RESVR. ☐

2. OPERATOR

3. ADDRESS

4. LOCATION (Report location clearly and in accordance with any State requirements)*
At surface
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD & POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. & SURVEY OR BLK. & AREA

14. PERMIT NO.	DATE ISSUED	PREVIOUS PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)*	19. ELEV. CASINGHEAD FLGE.

20. TOTAL DEPTH (MD & TVD)	21. PLUG. BACK T.D. (MD & TVD)	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)*

25. DATE DIRECTIONAL SURVEY SUBMITTED

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD

DEPTH INTERVAL (MD)	HOLES PER FT., SIZE AND TYPE, PURPOSE

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCING METHOD (Flowing, gas lift, pumping,--- size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST →	OIL, Bbls.	GAS, Mcf.	WATER-Bbls.	OIL GRAVITY-API (Corr.)

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL, Bbls.	GAS, Mcf.	WATER-Bbls.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

TEST WITNESSED BY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED ____ TITLE ____ DATE ____

*(See Instructions on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Supplemental instructions by local Federal and/or State offices will govern the use of this form.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see space 36.

Space 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Space 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Spaces 22 and 24: If this well is completed for separate production from more than one zone (multiple-zone completion), so state in space 22, and in space 24 show the producing interval, or intervals, top(s), bottom(s) and name(s)(if any) for only the zone reported in space 33. Submit a separate completion report on this form for each interval (zone) to be separately produced.

Space 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Space 33: Submit a separate completion report on this form for each interval (zone) to be separately produced. (See instruction for spaces 22 and 24 above.)

SUMMARY OF SIGNIFICANT WATER ZONES AND OIL AND GAS ZONES (Except as shown on the front hereof) (Note: If well was directionally drilled, show both measured and true vertical depths for zones and markers listed)						GEOLOGIC MARKERS		
KIND OF FORMATION (Sandstone, limestone, shale, etc.)	DEPTH TO TOP OF ZONE		DEPTH TO BOTTOM OF ZONE		CONTENTS; PRODUCTIVE RATE, IF KNOWN	NAME	DEPTH TO TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH

SUB FOR C104 INCLUDES P6+63 P60

C.R 7/12/61

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

DESIGNATE TYPE OF COMPLETION

OIL WELL __ GAS WELL __ NEW WELL __ WORKOVER __ DEEPEN __ PLUG BACK __ SAME RESERVOIR __ DIFFERENT RESERVOIR __

OPERATOR

ADDRESS

DESCRIPTION OF WELL AND LEASE

LEASE NAME		WELL NO.	COUNTY
LOCATION		ELEVATION	
PERMIT No.	DATE ISSUED	PREVIOUS PERMIT No.	DATE ISSUED
DATE SPUDDED	DATE COMPLETED, READY TO PRODUCE	TOTAL DEPTH	PBTD
POOL	NAME OF PRODUCING FORMATION	TOP OIL/GAS PAY	
PERFORATIONS __ PRODUCING INTERVAL __		DEPTH CASING SHOE	TUBING DEPTH

Not needed on this form (C105)

TEST DATA - OIL WELL

DATE OF FIRST PRODUCTION	DATE OF TEST	LENGTH OF TEST	PRODUCING METHOD (FLOW, PUMPING, GAS LIFT, ETC.)
TUBING PRESSURE	CASING PRESSURE	CHOKE SIZE	
ACTUAL PRODUCTION DURING TEST	OIL - BBLS	WATER - BBLS	GAS - MCF

IF PRODUCTION AFTER RECOVERY OF VOLUME OF OIL EQUAL TO VOLUME OF LOAD OIL USED, AND MUST ACTUALLY EXCEED THE NORMAL UNIT ALLOWABLE OR TEST MUST BE FOR FULL 24 HRS

TEST DATA - GAS WELL

ACTUAL PRODUCTION TEST MCF/DAY	LENGTH OF TEST	BBLS. CONDENSATE/MMCF	GRAVITY OF CONDENSATE
METHOD OF TESTING (PITOT, BACK PRESSURE, ETC.)	TUBING PRESSURE	CASING PRESSURE	CHOKE SIZE

OIL TRANSPORTER ← why wanted here? → GAS TRANSPORTER

REMARKS:

CERTIFICATE

OIL CONSERVATION COMMISSION

BY _____

TITLE _____

NAME OF REGULATORY BODY _____

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

FORM No. _____

AUTHORIZED BY ORDER No. _____

EFFECTIVE _____, 19____

Form C-105 Revised

(Experimental Form
April-1962)

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

STATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

(SUBMIT IN DUPLICATE)

1. DESIGNATE TYPE OF COMPLETION — OIL WELL ☐ GAS WELL ☐ OTHER _____ DRY ☐
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ OTHER _____ SAME RESVR. ☐ DIFF. RESVR. ☐

2. OPERATOR

3. ADDRESS

4. LOCATION OF WELL:
Unit Letter .....
..... feet from the ..... line and ..... feet from the ..... line
Section ..... Township ..... Range ..... NMPM

5. LEASE DESIGNATION AND SERIAL

6. [redacted]

7. [redacted]

8. FARM OR LEASE NAME

9. WELL NO.

10. POOL

11. [redacted]

14. [redacted] DATE PERMIT TO DO THIS WORK

12. COUNTY

13. [redacted]

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)	19. [redacted]

20. TOTAL DEPTH	21. PLUG. BACK T.D.	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME

25.

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. PERFORATION RECORD

DEPTH INTERVAL	HOLES PER FT., SIZE AND TYPE, PURPOSE

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCING METHOD (Flowing, gas lift, pumping,--- size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION TEST-- →	OIL, Bbls.	GAS, Mcf.	WATER-Bbls.	OIL GRAVITY-API (Corr.)

FLOW. TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL, Bbls.	GAS, Mcf.	WATER-Bbls.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*SEE INSTRUCTIONS ON REVERSE SIDE

C-106
Reverse

INSTRUCTIONS

General This form is designed for submitting a complete and correct well completion report and log for all wells. It shall be mailed to the District Office of the Oil Conservation Commission to which the C-101 was sent not later than 20 days after completion of the well.

The form is to be submitted in quintuplicate except for wells drilled on State land, in which case six copies are required. Accompany each copy by a tabulation of all deviation tests taken as well as a summary of Drill Stem Tests.

All depths reported ~~should~~ shall be measured depths. In the case of a directionally drilled well, true vertical depths shall also be reported.

For all multiply completed wells, Items 30 through 34 shall be reported for each zone

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico				Northwestern New Mexico	
T. Anhy		T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. ~~Farmington~~	
T. Yates		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee (Cliff House)	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres		T. Granite		T. Dakota / Gallup / Green Horn	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Todilto	
T. Tubbs		T.		T. Entrada	
T. Abo		T.		T. Wingate	
T. Penn		T.		T. Chinle	
T. Miss		T.		T. Permian	
				T. Pennsylvanian	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Form C-110)

POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I Designate Type of Completion

Oil Well ___ Gas Well ___ New Well ___ Workover ___ Deepen ___ Plug Back ___ Same Reservoir ___ Different Reservoir ___

Operator

Address

Description of Well and Lease

Lease Name	Well No.	County
Location	Elevation	

II

Permit No.	Date Issued	Previous Permit No.	Date Issued
Date Spudded	Date Comp. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Form.	Top Oil/Gas Pay	
Perforations ~~or~~ Producing Interval		Depth Casing Shoe	Tubing Depth

III TEST DATA--OIL WELL

Date of 1st Prod.	Date of Test	Length of Test	Producing Method (Flow, Pump, Gas Lift, etc.)
Tubing Pressure	Casing Pressure		Choke Size
*Actual Prod. During Test	Oil--Bbls.	Water--Bbls.	Gas--MCF

*Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.

IV TEST DATA--GAS WELL

Actual Prod. Test MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Method of Testing (pitot, back pres. etc.)	Tubing Pressure	Casing Pressure	Choke Size

V Tubing, Casing, and Cementing Record

Hole Size	Casing and Tubing Size	Depth Set	Sacks Cement

VI CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Oil Transporter	Gas Transporter
Address	Address

If well produces oil or condensate, give location of tanks: Unit ___ S ___ T ___ R ___

Remarks:

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

Executed this the ___ day of _____ 19___
By _____
Title _____

OIL CONSERVATION COMMISSION
Approved _____ 19___
By _____
Title _____

POTENTIAL TEST AND REQUEST FOR ALLOW. AND CERTIFICATE OF COMPLIANCE
Authorized by Order No. _____
Effective _____ 19___

El Paso Natural Gas Company

El Paso, Texas

September 29, 1961

Mr. A. L. Porter, Jr.
Post Office Box 871
Santa Fe, New Mexico

Dear Pete:

There is attached a copy of a form in which we have attempted to combine the information required on the Forms C-104 and C-110 so that one form will cover all the needs in this regard. As you know, we have attempted to keep all the forms letter size; however, to get the required information on the form, it has been necessary to make this one legal size. Because of the fact that this form has most of the completion information and is the authorization to transport oil and gas, it may be desirable that the form be longer than the other forms in a well file so that it can be easily and more quickly located.

It is my understanding that the Oil and Gas Association Forms Committee will meet with you and your people Friday, October 6, to again discuss the question of the possible revision of existing forms in use by the Commission. At that time we will also attempt to have a suggested form which will combine the information now obtained on the C-111 and C-114.

Kindest personal regards.

Very truly yours,

PRORATION DEPARTMENT

D. H. Rainey
Administrative Assistant

DHR:mm
attach.

cc: Messrs. R. S. Christie
D. S. Nutter
Elvis A. Utz
I. R. Trujillo
Richard Morris

COPY

NEW MEXICO OIL CONSERVATION COMMISSION (Form C-104)
Santa Fe, New Mexico (Form C-110)

POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I Designate Type of Completion

Oil Well | Gas Well | New Well | ~~Workover~~ | Deepen | Plug Back | Same Reservoir | Different Reservoir

Operator

Address

Description of Well and Lease

Lease Name	Well No.	County
Location	Elevation	

II

Permit No.	Date Issued	~~Previous Permit No.~~	~~Date Issued~~
Date Spudded	Date Comp. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Form.	Top Oil/Gas Pay	
Perforations / Producing Interval		Depth Casing Shoe	Tubing Depth

III TEST DATA--OIL WELL

Date of 1st Prod.	Date of Test	Length of Test	Producing Method (Flow, Pump, Gas Lift, etc.)
Tubing Pressure	Casing Pressure		Choke Size
*Actual Prod. During Test	Oil--Bbls.	Water--Bbls.	Gas--MCF

IV *Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.

TEST DATA--GAS WELL

Actual Prod. Test MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Method of Testing (pitot, back pres. etc.)	Tubing Pressure	Casing Pressure	Choke Size

V Tubing, Casing, and Cementing Record

Hole Size	Casing and Tubing Size	Depth Set	Sacks Cement

VI CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Oil Transporter	Gas Transporter
Address	Address

If well produces oil or condensate, give location of tanks: Unit ____ S ____ T ____ R ____

Remarks:
Reason for filing should be worked in here somewhere

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

Is gas actually connected? yes and Date Connected,

Executed this the ____ day of _____ 19__

By _____

Title _____

OIL CONSERVATION COMMISSION	POTENTIAL TEST AND REQUEST FOR ALLOW. AND CERTIFICATE OF COMPLIANCE
Approved _____ 19__	Authorized by Order No. _____
By _____	Effective _____ 19__
Title _____	

Form C-101 Revised

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

State Oil and Gas Lease No.

1. APPLICATION FOR PERMIT TO:

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

8. Farm or Lease Name

2. Operator

9. Well Number

3. Address

10. Pool

4. Location of Well
Unit Letter .....
..... feet from the ..... line and ..... feet from the ..... line
Section ..... Township ..... Range ..... NMPM

12. County

19. Proposed Depth | 19-A Formation | 20. Rotary or Cable Tools

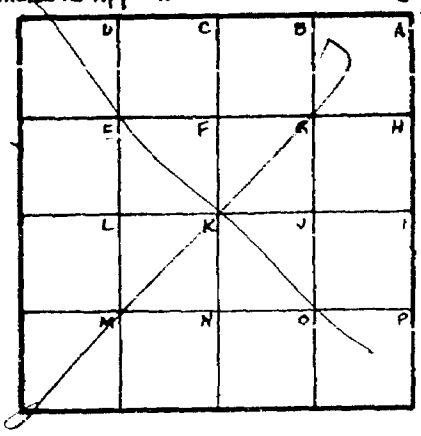
22. Approx. Date Work will Start

23. Kind and Status of Plugging Bond | 23A Drilling Contractor

25 PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks of Cement

Indicate Approx. Location of Well by ○



Describe Proposed Operations (If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone.)

26.

Signed _____ Title _____ Date _____

Approved by _____ Title _____ Date _____
Conditions of Approval, if any:

Form C-101 Revised

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

State Oil and Gas Lease No.

1. APPLICATION FOR PERMIT TO:

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

8. Farm or Lease Name

2. Operator

9. Well Number

3. Address

10. Pool

4. Location of Well
Unit Letter .....
.....feet from the .....line and .....feet from the ..... line
Section .....Township .....Range .....NMPM

12.

13. County

14.

15.

16.

17.

18. Proposed Depth

19A Formation

20. Rotary or Cable Tools

21. Elevations (Derrick Flr., Rotary, Kelly Bushing, Rotary, Trib., Ground)

Other

22. Approx. Date Work will Start

23. Kind and Status of Plugging Bond

23A Drilling Contractor

24.

25

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks of Cement

Indicate Approx. Location of Well by O

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Describe Proposed Operations (If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone.)

26.

Signed _____ Title _____ Date _____

Approved by _____ Title _____ Date _____
Conditions of Approval, if any:

USE IN LIEU OF 101, 102 [illegible] P-1

Agency heading and Form No. and date)

1. **APPLICATION FOR PERMIT TO:**

DRILL* ☐ **DEEPEN** ☐ **PLUG BACK** ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. OPERATOR

3. ADDRESS

4. LOCATION (In feet from nearest lines of section or legal subdivision, where possible)*

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

7. UNIT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. & SURVEY, OR BLK. & AREA
UNIT LTR (SEE INSTRUCTION)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH

13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF WELLS ON THIS LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO SAME RESERVOIR(S)

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (D.F., R.K.B., R.T., GR., etc., how determined)

22. APPROX. DATE WORK WILL START

23. KIND AND STATUS OF BOND (Drilling Contractor)

24. IF LEASE PURCHASED WITH ANY WELLS DRILLED, FROM WHOM PURCHASED (Name and address)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR SECOND HAND	DEPTH	SACKS OF CEMENT

DESCRIBE PROPOSED OPERATIONS. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOW OUT PREVENTER PROGRAM, IF ANY.

25.

SIGNED _____ TITLE _____ DATE _____

27. (This space and space 28 for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

28.

APPROVED BY _____ TLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

Form C-105 Required

(Experimental Form
April 1-1952)

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

STATE Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

(SUBMIT IN DUPLICATE)

Reinstate to Elev Ground Level

1. OPERATOR
2. ADDRESS
3. LOCATION OF WELL
Unit Letter .....
..... feet from the ..... line and ..... feet from the ..... line
Section ..... Township ..... Range ..... NMPM
4. FARM OR LEASE NAME
5. WELL NO.
6. POOL
7. DATE TO BE THIS WORKED
8. DATE SPUDDED
9. DATE T.D. REACHED
10. DATE COMPL. (Ready to Prod.)
11. ELEVATIONS (DF, RKB, RT, GR, etc.)
12. ELEV. CASINGHEAD
13. TOTAL DEPTH
14. PLUG BACK T.D.
15. IF MULTIPLE COMPL., HOW MANY
16. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
17. NAME OF EACH PRODUCING FORMATION(S) IN THIS WELL
18. DATE DIRECTIONAL SURVEY SUBMITTED IF REQUIRED
19. TYPE ELECTRIC AND OTHER LOGS RUN (Check logs filed)
20. WAS WELL CORED

CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET

PERFORATION RECORD

DEPTH INTERVAL	HOLES PER FT., SIZE AND TYPE, PURPOSE

ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

33 PRODUCTION

DATE FIRST PRODUCTION | PRODUCING METHOD (Flowing, gas lift, pumping,-- size & type of pump) | WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION TEST-->	OIL, Bbls.	GAS, M.C.F.	WATER-Bbls.	OIL GRAVITY-API (Corr.)

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE -->	OIL, Bbls.	GAS, M.C.F.	WATER-Bbls.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TEST WITNESSED BY
35. LIST OF ATTACHMENTS

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED ..... TITLE ..... DATE .....

INSTRUCTIONS

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency. It should be used in accordance with applicable Federal and/or State laws and regulations.

Space 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notation.

Space 4: If the well is to be, or has been, directionally drilled, so state and show in space 15, or by attached sheets, if necessary, the coordinate location of the hole in any present or objective producing zones.

SPACE 4

Space 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished if required by Federal or State agency offices.

Spaces 15 and 16: If well is to be, or has been, directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Space 23: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

INDICATE ON SPACE 11
THE UNIT LOCATION
IN ACCORDANCE WITH
LETTER DESIGNATION
FOR QUARTER QUARTER
WITHIN SECTION

(Agency heading and Form No. and date)

5. LEASE DESIGNATION AND SERIAL

APPLICATION FOR PERMIT TO:

DRILL [ ] DEEPEN [ ] PLUG BACK [ ]

6. IF INDIAN, ALLOTTEE OR TRIBE

TYPE OF WELL: OIL [ ] GAS [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT

8. FARM OR LEASE NAME

NAME OF OPERATOR

9. WELL NO.

ADDRESS

10. FIELD AND POOL, OR WILDCAT

LOCATION (Report location clearly and in accordance with any State requirements.*)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13. COUNTY OR PARISH | 14. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR WELL ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	GRADE AND TYPE	SETTING DEPTH	QUANTITY OF CEMENT

24. IF LEASE PURCHASED WITH ANY WELLS DRILLED, FROM WHOM PURCHASED (Name and address)

DESCRIBE PROPOSED OPERATIONS. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOW OUT PREVENTER PROGRAM, IF ANY.

25.

SIGNED _____ TITLE _____ DATE _____

27. (This space and space 28 for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

28.

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

INSTRUCTIONS

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations.

Space 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations.

Space 4: If the well is to be, or has been, directionally drilled, so state and show in space 25, or by attached sheets, if necessary, the coordinate location of the hole in any present or objective productive zones.

Space 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished if required by Federal or State agency offices.

Spaces 15 and 18: If well is to be, or has been, directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Space 23: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

(Agency heading and Form No. and date)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐

1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. UNIT

2. NAME OF OPERATOR

8. FARM OR LEASE NAME

3. ADDRESS

9. WELL NO.

4. LOCATION (Report location clearly and in accordance with any State requirements.*)
At surface

10. FIELD AND POOL, OR WILDCAT

At top prod. interval

At total depth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. PERMIT NO. | DATE ISSUED | 13. PREVIOUS PERMIT NO. | DATE ISSUED | 14. COUNTY OR PARISH | 15. STATE

15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to Prod.) | 18. ELEVATIONS (DF, RKB, RT, GR, etc.)* | 19. ELEV. CASINGHEAD FLANGE

20. TOTAL DEPTH (MD & TVD) | 21. PLUG, BACK T.D. (MD & TVD) | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY → | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)*

25. DATE DIRECTIONAL SURVEY SUBMITTED

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD

DEPTH INTERVAL (MD)	HOLES PER FT., SIZE AND TYPE, PURPOSE

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping,... size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST→	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	OIL GRAVITY-API (Corr.)

FLOW. TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED) TITLE) DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)

GAS
PAD

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Supplemental instructions by local Federal and/or State offices will govern the use of this form.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see space 36.

Space 4: If this well was directionally drilled, show both the location at the surface and at total depth from nearest lines, where possible; also show the locations at the top and at the bottom of any zone for which production data are reported in space 33, and any zone open for injection or disposal. Use this reverse side if more space is needed. (MD = Measured Depth, TVD = True Vertical Depth)

Space 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Spaces 22 and 24: If this well is completed for separate production from more than one zone (multiple-zone completion), so state in space 22, and in space 24 show the producing interval, or intervals, top(s), bottom(s) and name(s)(if any) for only the zone reported in space 33. Submit a separate completion report on this form for each interval (zone) to be separately produced.

Space 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Space 33: Submit a separate completion report on this form for each interval (zone) to be separately produced. (See instruction for spaces 22 and 24 above.)

SUMMARY OF WATER ZONES AND NON-COMMERCIAL OIL OR GAS ZONES (Note: If well was directionally drilled, show both measured and true vertical depths for zones and markers listed)						GEOLOGIC MARKERS		
KIND OF FORMATION	DEPTH TO TOP		DEPTH TO BOTTOM		CONTENTS; PRODUCTIVE GAS, IF KNOWN	NAME	DEPTH TO TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH

25. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

16. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Formation	From	To	Thickness of Strata

ATTACH APPROPRIATE SHEET IF ADDITIONAL SPACE IS NEEDED

IMPORTANT WATER SANDS

Memo

From
JOE D. RAMEY
SUPERVISOR & PRORATION MANAGER

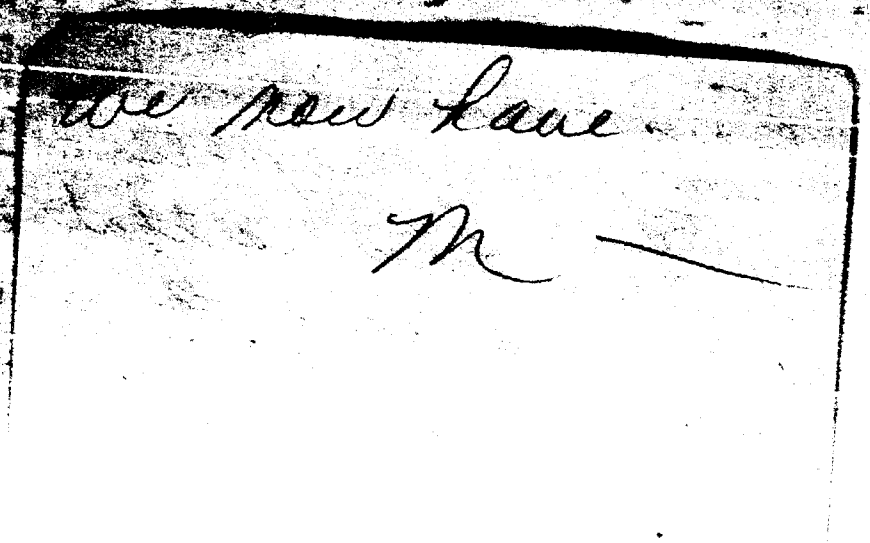
To Dan Nutter

Have checked for
tion gas in the
e of 25 to 100#
have found 5 samples
[illegible] They
[illegible]

MAIN OFFICE OCC

Eric -

My only objection
to this form is that
a C-110 is used for
many other things
besides completion
of a new well. It
seems to me that
to use this form for
(for example) a casing-
head gas connection
would not be as
efficient as the form



P 7 Replaces 105

Old WATCHDOG Form C105

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

UNIT LTR (SEE INSTRUCTIONS)

12. COUNTY OR PARISH	13. STATE

28. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD		32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.	
DEPTH INTERVAL (MD)	SIZE AND TYPE, SHOTS PER FT., PURPOSE	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)

33. PRODUCTION		
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping,--- size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST→	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	OIL GRAVITY-API (Corr.)
FLOW. TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE→	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	GAS-OIL RATIO

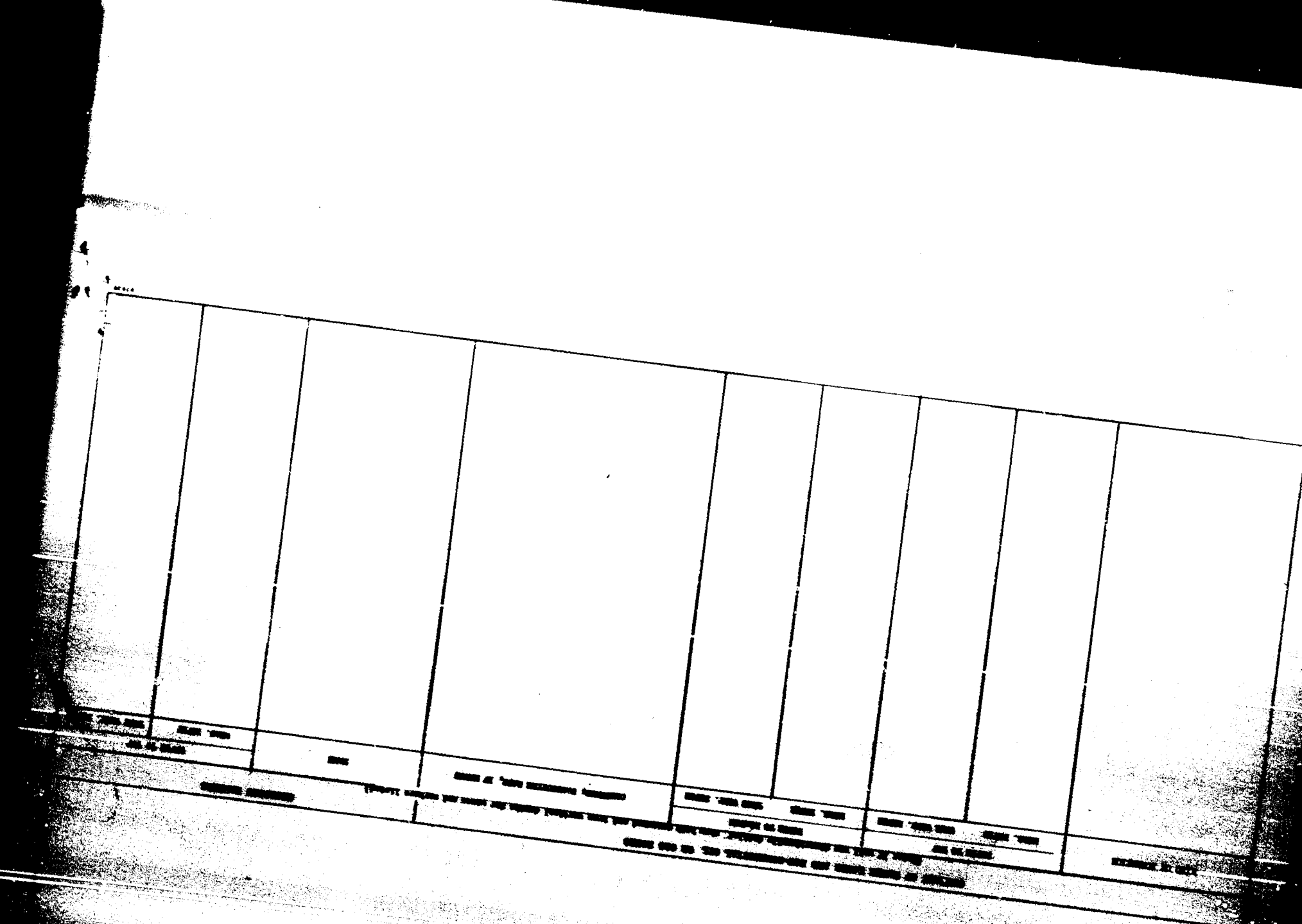
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*SEE INSTRUCTIONS ON REVERSE SIDE



Dear Hester:

In relation to the attached, we feel it's a pretty good form with the noted omissions & additions.

Therefore I would recommend adoption.

DWR

LUBBOCK PRINTING CO. - OFFICE EQUIPMENT - FURNITURE - PHONE PO 5-5734

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

POTENTIAL TEST AND REQUEST FOR ALLOWABLE
AND/OR
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Reason for filing

I. DESIGNATE TYPE OF COMPLETION – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.
Operator								
Address								

Reason for Filing

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name (Exploratory)	County
Unit Letter	Located ft. from the Line & ft. From the Line		
Section	Township	Range	

Permit No.	Date Issued	Previous Permit No.	Date Issued
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool Elevation	Name of Prod. Formation	Top Oil/Gas Pay	
Perforations	Producing Interval	Depth Casing Shoe	Tubing Depth

III. TEST DATA FOR WELL

Date of First Prod.	Date of Test	Producing Method (Flow, Pump, Gas Lift, Etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

* Prod. during test: Total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.

TEST DATA FOR GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Oil Transporter	Gas Transporter
Address	Address

If well produces oil or liquids, give location of tanks. Unit | Sec. | Twp. | Rge.

Reason for filing form

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge, and I further certify that the rules and regulations of the Oil Conservation Commission have been complied with.

EXECUTED THIS THE ____ DAY OF _____, 19____

BY _____

TITLE _____

OIL CONSERVATION COMMISSION

APPROVED _____, 19____

BY _____

TITLE _____

POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE

EFFECTIVE _____, 19____

PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OKLAHOMA 74004
EXPLORATION AND PRODUCTION DEPARTMENT

MAIN OFFICE OCC
1964 APR 11 AM 9 22

April 9, 1964

Cases No's. 3027 and 3028
Revised Forms

Mr. A. L. Porter, Jr.
Secretary and Director
New Mexico Oil Conservation Commission
P. O. Box [illegible]
Santa Fe, New Mexico

Dear Pete:

Thank you for mailing the proposed rules and proposed new report forms which were the subject of the hearings held yesterday. I regret that I was unable to be present for the hearings.

The proposed rules and proposed forms are excellent and will be a great improvement and a help both to your office and to the industry.

There are a few discrepancies which are not substantive but which I believe you would like to know about before preparing final drafts of the report forms.

Proposed Form C-113, Refiners Monthly Report, in the left hand column shows an item "Refinery Districts". This was obviously expanded from the IOCC Form R-1 Sheet 1 which had the words "Refinery Dists." This should properly read "Refinery Distillates".

I think Sheet 2 of Form C-113 is unnecessary and should not be required. Deliveries are shown on the original form, and it would seem to me that the Commission does not need to have further details on delivery of products from a refinery.

Form C-119, Carbon Black Plant Report. The proposed form is based on the original Interstate Oil Compact Commission Form C-1. However, in connection with a recent similiar study in Texas, I have prepared a proposed form of Carbon Black Plant Report which complies with the Texas statutes and which is, I believe, better organized than the original IOCC form. I enclose two copies of this for your use.

With respect to proposed Form C-124, please note that whoever drew up this form has changed the word "Liquid", which appeared in the original IOCC Form P-12, to "Fluid" in three of the columns under the heading "Sonic Instrument Test Data." This should be changed back to the word "Liquid" because the word "Fluid" is not correct usage.

Mr. A. L. Porter, Jr.
Re: Cases Nos. 3027 and 3028
Revised Forms
March 9, 1964
Page No. Two

[illegible] the form proposed by El Paso Natural Gas Company as a [illegible] Oil and Gas Schedule [illegible] all [illegible] [illegible]. I wish to say that I am in favor of [illegible] there [illegible] [illegible]. In consideration of this proposal we feel [illegible] to production [illegible] it is necessary to have the column headed "Beginning Mat Allowable". This would seem to be a duplication of the column headed "Oil Allowable". Also, I do not see any need for the column headed "Remarks". I observe that three of the columns now included on present Form C-115 Rev. 10-1-61 have not been included on the proposed new form. These columns are: "Oil on Hand Beg. of Month", "Barrels to Transporter", and "Oil on Hand End of Month". It seems to me that these three columns are necessary for the purpose of this report insofar as oil is concerned.

I would like again to recommend and urge that the New Mexico Oil Conservation Commission place this report, insofar as it pertains to oil, on a lease basis rather than on a per-well basis. This would be very helpful to Phillips Petroleum Company in reducing our clerical work.

Sincerely yours,

Pete Nicola

O. P. Nicola, Jr.

OPN:mke
Encl.
cc: Mr. Norman Woodruff
El Paso Natural Gas Company
El Paso, Texas

Mr. R. S. Christie
Amerada Petroleum Corporation
Box 2040
218 West 6th Street
Tulsa, Oklahoma

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

RRC DIST.

CARBON BLACK PLANT REPORT

1. NAME OF OPERATOR

2. ADDRESS OF OPERATOR

ALL GAS VOLUMES MUST BE REPORTED AT 14.65 PSI AND FLOWING TEMPERATURE OF 60° F.

3. MONTH AND YEAR

4. RAILROAD COMMISSION PERMIT NUMBER

5. NAME OF PLANT

6. FIELD

7. COUNTY

8. PROCESS

9. RATED CAPACITY (MCFPD)

SOURCE OF GAS SUPPLY

10. NAME OF PRODUCER OR GAS PROCESSING PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR/100CF	GAS UTILIZED DURING MONTH (MCF)
			TOTAL	

DISPOSITION OF GAS

11. CAMP AND OTHER UTILITY USES	DAILY AVERAGE VOLUMES MCF	MONTHLY VOLUMES MCF
PLANT FUEL OTHER THAN CARBON BLACK MANUFACTURE		
CARBON BLACK MANUFACTURE (INCLUDE FURNACE FUEL IN FURNACE PLANTS)		
TOTALS		

CARBON BLACK PRODUCTION

12. TYPE	GRADE	YIELD LBS/MCF	PRODUCTION IN POUNDS DAILY AVERAGE	PRODUCTION IN POUNDS MONTH	STOCK AT END OF MONTH (POUNDS)
		TOTALS			

STATE OF _____

COUNTY OF _____

OPERATOR _____

BY _____
SIGNATURE AND TITLE

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS REPORT, WHO AFTER BEING BY ME DULY SWORN ON OATH STATES THAT HE HAS KNOWLEDGE OF THE FACTS CONTAINED IN SAID REPORT, THAT HE IS DULY AUTHORIZED TO MAKE AND EXECUTE THIS REPORT, THAT THIS REPORT IS A TRUE AND CORRECT REFLECTION OF THE OPERATIONS REPORTED HEREIN, AND THAT NO PERTINENT MATTER INQUIRED ABOUT IN THIS REPORT HAS BEEN OMITTED THEREFROM.

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE _____ DAY OF _____, 19____

NOTARY PUBLIC IN AND FOR _____ COUNTY, _____

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

RRC DIST. _____

CARBON BLACK PLANT REPORT

1. NAME OF OPERATOR

2. ADDRESS OF OPERATOR

ALL GAS VOLUMES MUST BE REPORTED AT 14.65 PSI AND FLOWING TEMPERATURE OF 60° F.

3. MONTH AND YEAR

4. RAILROAD COMMISSION PERMIT NUMBER

5. NAME OF PLANT

6. FIELD

7. COUNTY

8. PROCESS

9. RATED CAPACITY (MCFPD)

SOURCE OF GAS SUPPLY

10. NAME OF PRODUCER OR GAS PROCESSING PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR/100CF	GAS UTILIZED DURING MONTH (MCF)
		TOTAL		

DISPOSITION OF GAS

11. CAMP AND OTHER UTILITY USES	DAILY AVERAGE VOLUMES MCF	MONTHLY VOLUMES MCF
PLANT FUEL OTHER THAN CARBON BLACK MANUFACTURE		
CARBON BLACK MANUFACTURE (INCLUDE FURNACE FUEL IN FURNACE PLANTS)		
TOTALS		

CARBON BLACK PRODUCTION

12. TYPE	GRADE	YIELD LBS/MCF	PRODUCTION IN POUNDS DAILY AVERAGE	PRODUCTION IN POUNDS MONTH	STOCK AT END OF MONTH (POUNDS)
	TOTALS				

STATE OF _____

COUNTY OF _____

OPERATOR _____

BY _____
SIGNATURE AND TITLE

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS REPORT, WHO AFTER BEING BY ME DULY SWORN ON OATH STATES THAT HE HAS KNOWLEDGE OF THE FACTS CONTAINED IN SAID REPORT, THAT HE IS DULY AUTHORIZED TO MAKE AND EXECUTE THIS REPORT, THAT THIS REPORT IS A TRUE AND CORRECT REFLECTION OF THE OPERATIONS REPORTED HEREIN, AND THAT NO PERTINENT MATTER INQUIRED ABOUT IN THIS REPORT HAS BEEN OMITTED THEREFROM.

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE _____ DAY OF _____, 19____

NOTARY PUBLIC IN AND FOR _____ COUNTY, _____

MAIN OFFICE OCC

STATE OF NEW MEXICO

April 8, 1964

Re: Oil Conservation Comm. Case
Docket No. 1064
April 8, 1964

Oil Conservation Commission
State of New Mexico

Attn: Mr. A. L. Porter, Jr.

Dear Mr. Porter:

This office concurs in the proposed revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms as presented in the attachments to the Docket, insofar as they apply to the functions of this office with respect to the conservation and protection of waters, both in quality and quantity.

Yours truly,

S. E. Reynolds
State Engineer

By: Frank E. Irby
Frank E. Irby
Chief
Water Rights Division

FEI/ma

MAIN OFFICE OCC

1964 APR 8 PM 2:22

[redacted]

[redacted]

[redacted]

MAIN OFFICE OCC

1964 APR 8 AM 8 1 22

April 6, 1964

Re: [redacted]

[redacted]

[redacted]

[

FORM 440 1-63

PAN AMERICAN PETROLEUM CORPORATION

OIL AND GAS BUILDING · P. O. BOX 1410
FORT WORTH 1, TEXAS

WILLIAM V. GRISHAM
DIVISION MANAGER

April 3, 1964

File: [illegible]

Subject: [illegible]

Mr. A. L. Porter, Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Pan American Petroleum Corporation supports the Commission's proposal to adopt various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting all phases of oil and gas activity to state regulatory agencies. We also support the Commission's corollary proposed amendments to numerous rules and orders.

Yours very truly,

W. V. Grisham

C. W. TRAINER MAIN OFFICE OCC

[redacted]

April 1, 1964

[redacted] Conservation Commission

Re: Case #3028
April 8, 1964
Adoption of New Forms

Attention: Dan Nutter

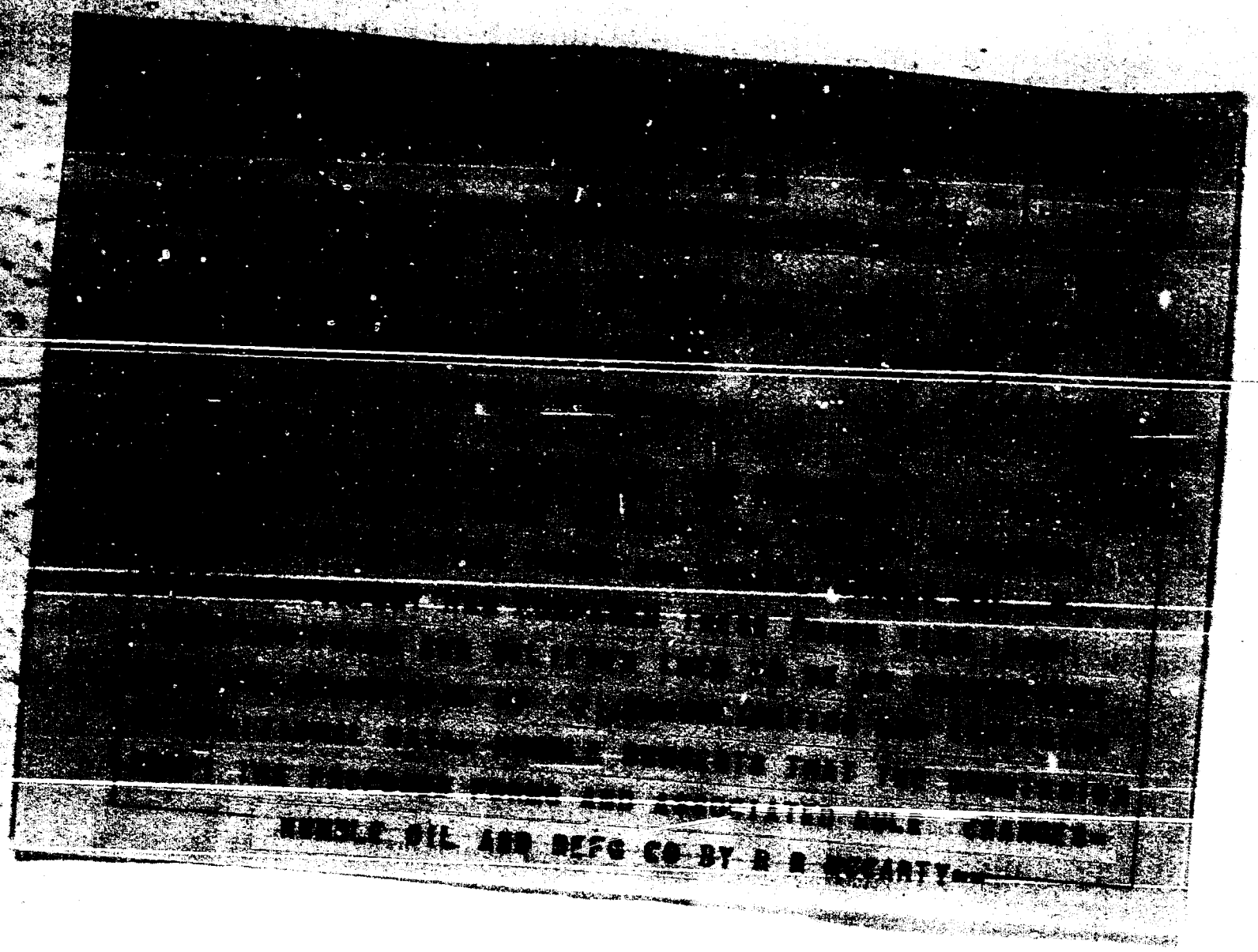
Dear Mr. Nutter,

I would like to recommend your proposed C-105 be printed on one side of two pages rather than two sides of one page. Most producers reproduction facilities can accomplish one side of two pages much cheaper and easier. It would be more useable in your files too.

Yours very truly,

C. W. Trainer

CWT:vp



El Paso Natural Gas Company

El Paso, Texas

April 17, 1964

[redacted]

[redacted] is enclosed is the year letter to Pete Porter concerning the proposed [redacted] Thank you for your suggestions and comments [redacted] I appreciate your calling it to our attention. [redacted] Form C-115 was changed [redacted] with [redacted] the latter part of a liquid [redacted] report.

[redacted] Form C-115 was altered [redacted] I do agree completely [redacted] should be included in the body of the report rather than [redacted] separate [redacted] liquid [redacted] can be indicated.

[redacted] the column headed "Liquid" on the NGC form was changed [redacted] and to be positively frank with you, I do not remember [redacted] I agree, however, with your strict interpretation of the word field as compared to liquid.

El Paso's proposed forms C-111 and C-115 were designed specifically for the use of gas producing companies who operated wells themselves. The net allowable column that you referred to is for use there for El Paso's benefit and use and relers to the gas net allowable. The allowable column was put in so that there was space on the form for certain specific liquid[redacted] wells and, in some instances, gas which is not taken into the [redacted]. It was [redacted] our testimony at the hearing that the columns pertaining to oil stocks could be replaced on the form in the event it was possible that in some instances the form could be used for the reporting by oil purchasers who were also producers. The stocks on hand of gas well liquids are not particularly important from the standpoint of Commission regulation in that all liquid produced from gas wells is legal allowable. I concur completely with your last remark that production of oil should be on a lease basis because production of gas from oil wells is, of necessity, reported on a lease basis and in most instances, the oil production must be broken down by calculation to determine individual well production.

COPY

[redacted]

[redacted]

Original Signed D. H. RAINEY

[redacted]

[redacted]

[redacted]

Memo

From
I. R. TRUJILLO
ADMINISTRATIVE ASSISTANT

To

The Land Office would like to have a place for the state lease number on the following forms.

C-104
105
105-
176

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

MAIN OFFICE OCC
1964 MAY 3 PM 12 46

April 30, 1964

Mr. A. L. Porter, Jr.
Secretary and Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Pete:

I have reviewed Mr. Nicola's comments to you concerning the Proposed Revised State Forms and also Mr. Rainey's communication to Mr. Nicola on the same matter.

The suggestions of both Mr. Nicola and Mr. Rainey are certainly important in the final editing of the Forms and I am sure you have or will consider them before preparing final drafts.

By a copy of this letter I am expressing my deep appreciation for the interest they have shown in making every effort to see that the new Proposed Forms are as near ideal as possible.

Again I wish to thank you and those of your staff who contributed so much time and effort to a project that will be beneficial to all concerned. A working committee always appreciates such fine cooperation.

With kindest personal regards,

Sincerely yours,

R. S. Christie

RSC:dw

cc: Mr. O. P. Nicola, Jr.
Mr. D. H. Rainey
Mr. Norman Woodruff
Mr. Ed Nestor

Mobil

Mobil Oil Comp[illegible] MAIL ROOM OFFICE OCC

A Division of [illegible]
P. O. Box[illegible] HOBBS, NEW [illegible]

[illegible] 14 AM 8:12

April 13, 1964

Mr. A. L. Porter, Jr., Secretary Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

RE: CASE NO. 3028, REVISION OF [illegible], DOCKET NO. 10-64.

Dear Mr. Porter:

The following statement was given by me at the subject hearing and is furnished now per the request of Examiner E. A. Utz, at the hearing.

"Socony Mobil Oil Co., Inc. supports the recommendations for the revision of forms in order to provide more standard forms. This will help us as much or more than it will help the regulatory bodies.

"Socony Mobil wishes to recommend the deletion of the two columns entitled "Separator Temperature °F" and "Gravity Oil" from the Form C-116 as proposed.

"These two columns would provide useful but unnecessary information which would be extremely liable to "boiler-housing," and thereby inaccuracy. Most routine well tests do not require this information and the data is usually recorded only for special well tests such as surface sampling for PVT analysis.

"The accurate reporting of these two pieces of information would require the operator to install additional equipment on either standard or automated leases. Additional costs would also be incurred for the continuing maintenance and personnel time required. These costs, in the case of non-automated leases, could amount to $1-$5/well test depending on testing frequency.

"The use of accurate, measured separator or "gas" temperatures in calculation of metered gas volumes for well tests would possibly improve present measurement accuracy by about 1% maximum.

"[illegible] we feel that there is little to be gained and [illegible] reporting would require additional expense [illegible] recommend that the reporting of separator temperatures [illegible] all [illegible] be deleted from the proposed Rule C-116.

"If the Commission does not delete these values then at least they should be made optional.

"It is also recommended that if the gas temperature requirement is retained then it should be specified so as to be at a certain point, such as the meter run."

Yours very truly,

J. C. Gordon, Jr.

J. C. Gordon, Jr.
Sr. Production Engineer

JCGordon, Jr./jh

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Pool

Producing Formation

Oil Gradient psi/ft.

Water Gradient psi/ft.

County

Gas Gravity

Date

Datum Plane

LEASE	WELL No.	LOCATION U. S. T. R.	ELEV.	Oil (o) Gas (g)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRAD. (TEST) psi/Ft.	WT. OF FLUID	OIL GR.	GAS GR.	GOR

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

Memo

From

JAMES M. DURRETT JR.
GENERAL COUNSEL

To Ken:

Will you please place this with the 10CC forms so we can adopt them all at the same time. This is the form Joe Ramey wants.

NEW MEXICO OIL CONSERVATION

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19___.

OIL CONSERVATION COMMISSION	By
	Title
Approved by	Company
Title	Address
Date	

[redacted]
JACK M. CAMPBELL
[redacted]

[redacted] MAIN OFFICE OCC
[redacted]

[redacted]

[redacted]
September 24, 1963

Mr. D. S. Nutter, Chief Engineer
New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Dear Sam:

I recommend that the geological tops on the revised Form C-105 be added/repositioned as follows:

(* indicates additions. ** indicates repositions.)

Southeastern New Mexico

T.	Anhy.....	*T.	Canyon.....
T.	Salt.....	*T.	Strawn.....
B.	Salt.....	*T.	Atoka.....
T.	Yates.....	T.	Miss.....
T.	7 Rivers.....	T.	Devonian.....
T.	Queen.....	T.	Silurian.....
T.	Grayburg.....	T.	Montoya.....
T.	San Andres.....	T.	Simpson.....
T.	Glorieta.....	T.	McKee.....
*T.	Paddock.....	T.	Ellenburger.....
*T.	Blinebry.....	T.	Gr. Wash.....
T.	Tubb.....	T.	Granite.....
**T.	Drinkard.....	*T.	Delaware Sd.....
T.	Abo.....	*T.	Bone Springs.....
*T.	Wolfcamp.....	T.	.....
T.	Penn.....	T.	.....
*T.	Cisco (Bough C).....	T.	.....

The added formation names are already in use in many pools and should be added.

The Drinkard designation should be moved below the Tubb designa-

tion for proper sequence.

Very truly yours,

[redacted] Conservation Commission

[redacted]

cc: Joe D. Ramey, Supervisor, District I NMOCC

NEW MEXICO OIL CONSERVATION COMMISSION

GAS - OIL RATIO TESTS

Form C-116

Pool

County

TYPE OF TEST - (X) Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG.	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST				

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

DEEPEN ☐ PLUG BACK ☐

SINGLE ZONE ☐ MULTIPLE ZONE ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

4. Location of Well: UNIT LETTER ____ LOCATED ____ FEET FROM THE ____ LINE

LINE OF SEC. ____ TWP. ____ RGE. ____ NMPM

12. County

19A. Formation

20. Rotary or C.T.

21A. Kind & Status Plug. Bond

21B. Drilling Contractor

22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ Title _____ Date _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Unit Letter / Section	Township	Range / County
Actual Footage Location of Well:		
Ground Level Elev. / Producing Formation	Pool	Dedicated Acreage:

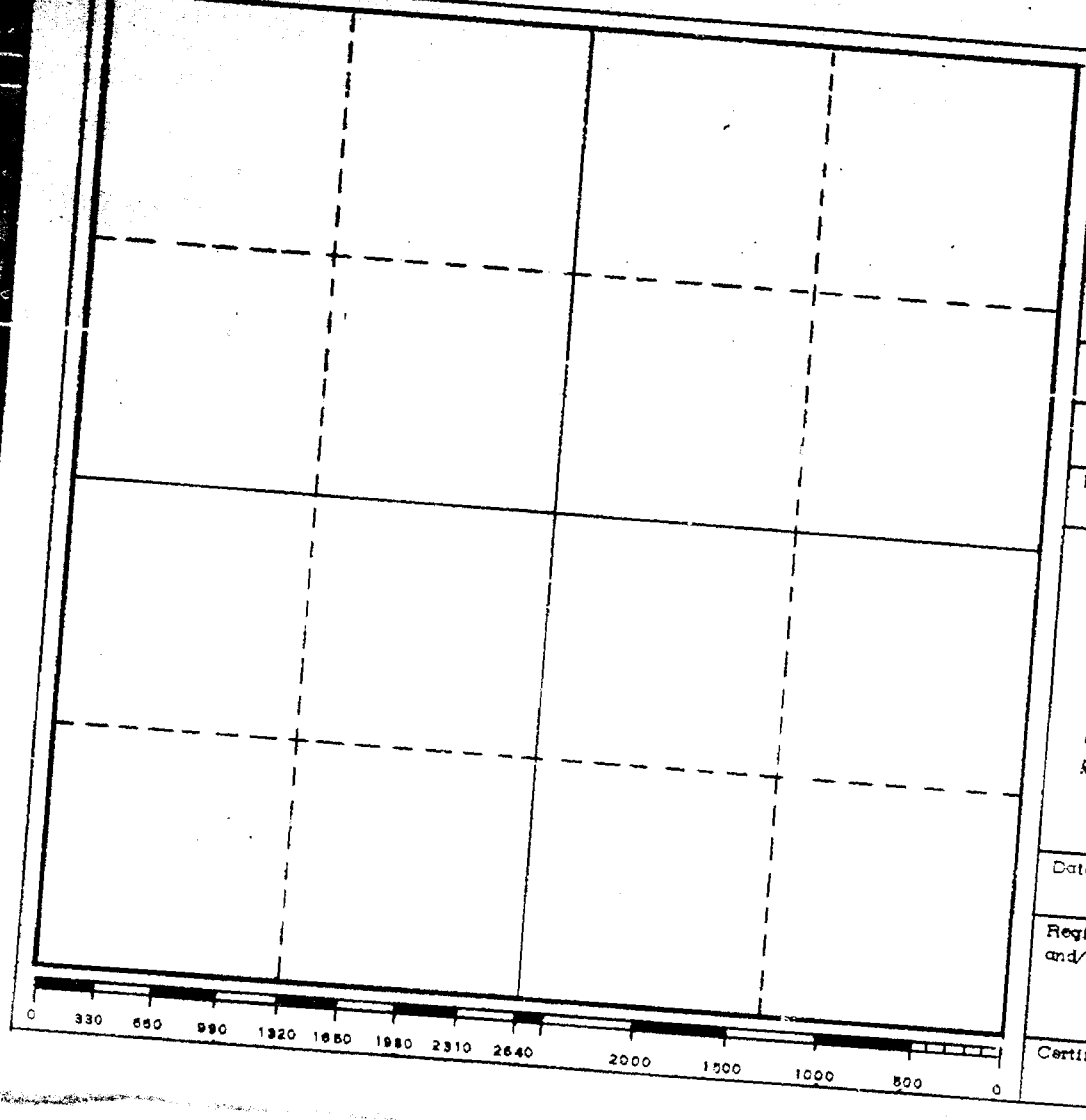
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-103
Supersedes C-102 and C-104

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator

3. Address of Operator

4. Well Location

Unit Letter ____ ; ____ FEET FROM THE ____ LINE AND ____ FEET FROM

THE ____ LINE, SECTION ____ TOWNSHIP ____ RANGE ____ NMPM.

10. Field and Pool, or Wildcat

12. County

15. Elevation (Show whether DF, RT, GR, etc.)

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOB ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

OTHER ____ ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log — Form C-105)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed

16. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED ____ TITLE ____ DATE ____

APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

FORM C-128

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

OPERATOR		ADDRESS	
LEASE	WELL NO.	POOL	COUNTY
		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

DOCKET NO. 10-64

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 8, 1964

9 A. M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

CASE 3020: In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for the abolishment and extension of the following pools:

Abolish the Weir-Tubb Gas Pool in
Township 20 South, Range 37 East;

Extend the Monument-Tubb Pool in
Township 20 South, Range 37 East,

all in Lea County, New Mexico.

CASE 3021: Application of Cherry Brothers and Cabot Corporation for a tubingless completion, Lea County, New Mexico. Applicants, in the above-styled cause, seek approval of the tubingless completion of their Austin State Well No. 1, located in Unit F of Section 19, Township 14 South, Range 36 East, Lea County, New Mexico, to produce oil from the Permo-Pennsylvanian formation at approximately 10,356 feet through 2 7/8-inch casing.

CASE 3022: Application of Sinclair Oil & Gas Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of special pool rules for the North Vacuum-Devonian Pool, Lea County, New Mexico, including a provision for 80-acre spacing.

CASE 3023: Application of Cities Service Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Ellenburger formation through its Hodges "B" Well No. 2 which is dually completed in the McKee and Ellenburger formations and located in Unit L of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico.

CASE 3024: Application of Deane H. Stoltz for approval of a non-standard unit, a dual completion, and commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard 80-acre unit in the North Bagley-Wolfcamp Pool comprising the SW/4 NE/4 and NW/4 SE/4 of Section 22, Township 11 South, Range 33 East, Lea County, New Mexico, approval of the dual completion (conventional) of its Deane H. Stoltz State 262 Well No. 1, located in Unit G of said Section 22, to produce oil from the North Bagley-Wolfcamp Pool through 1 1/4-inch tubing and to produce oil from the North Bagley-Upper Pennsylvanian Pool through the casing-tubing annulus by means of a hydraulic pump and authority to commingle production from the North Bagley-Wolfcamp and North Bagley-Pennsylvanian Pools into a common tank battery, computing production from the North Bagley-Upper Pennsylvanian Pool by the subtraction method.

CASE 3025: Application of Pan American Petroleum Corporation for a unit agreement, Eddy County, New Mexico. Applicant in the above-styled cause, seeks

[redacted]

[redacted] shall be limited to the authority of the Commission Commission to prevent [redacted] such exhibit, to the production, transportation, storing, refining, processing, [redacted] of crude petroleum oil, natural gas, or products from the State of New Mexico as appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make [redacted] appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports [redacted] required by these rules.

Directive Letters, Reports, Points and Reports

The Form C-101 Application for Permit to Drill, Deepen, or Plug Back

Form C-102 Well Location and Acreage Dedication Plat

Form C-103 Sundry Notices and Reports on Wells

Notice of Intention to Test Flow and Gas Lift Procedure

Notice of Intention to Test Flow Oil and Natural Gas

Form C-105 Well Completion or Recompletion Report and Log

Form C-104 Notice of Intention to Utilize Automatic Custody Transfer Equipment

Form C-107 Application for Multiple Completion

Form C-108 Application to Dispose of Salt Water by Injection into a Porous Formation

Form C-111 Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)

Form C-112 Transporter's and Storer's Monthly Report

Form C-113 Refiner's Monthly Report (Sheet 1 and Sheet 2)

Form C-115 Operator's Monthly Report

Form C-115-EDP Operators Monthly Report (electronic data processing)

Form C-116 Gas-Oil Ratio Test

Form C-117-A Sediment Oil Disposition Permit

Form C-117-B Sediment Oil Recovery Permit

Form C-118 Treating Plant Report

(3)

C-124 Request Pressure Report

C-125 Gas Well Back Pressure Report

C-126 Permit to Transport Unprorated Gas

C-127 Request for Allowable Change

Rule 301 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (C-101)

(4)

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (NOTE C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit from the Commission to do so. To obtain such permit the owner or operator shall file Form C-101, Application for Permit to Drill, Deepen, or Plug Back, with the Oil Conservation Commission at its Santa Fe office, and shall file a copy of Form C-101 with the Commission's District Office for the district in which the well is located. Form C-101 must be filed and approved prior to the commencement of any drilling, deepening, or plugging operations. Each application for permit to drill, deepen, or plug back a well must be accompanied by a plat, which shall be prepared on Form C-102, showing the location of the well and the acreage dedicated thereto.

Form C-101 must be accompanied by THREE ~~three~~ copies of ~~the~~ Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, ~~submit~~ SIX ~~six~~ copies of the C-101 and ~~four~~ FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the plat hereon. The plat shall be certified with respect to the [illegible] by a Registered Professional Engineer and/or Land Surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in triplicate in accordance with Rule 1101.

Amended Form C-102 plat shall be submitted in the event there is a change in any of the information previously submitted. The well location shall not be certified when filing Amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

(S) A. Form C-103 as a Notice of Intention ~~Order to Commence~~ to Drill

Form C-103 shall be filed in ~~Duplicate~~ TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

Notice of

1. Change of plans from those on a previously approved C-101 or C-103
2. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work (This shall include such work as acidizing, shooting, fracing, perforating, and other similar operations other than on previously completed wells. Item 5 is not applicable to new wells in the process of completion)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including ~~depth of plugs~~ plans for shooting, testing, and removing casing, plans for mudding and cementing including lengths and depth of plugs, and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the Notice of Intention to plug the well; the bond will not be

[illegible] until this is complied with. See Rule [illegible]
regarding notice of intention to Drill Deepen or Plug Back
& Form C-103 as a Subsequent Report

[illegible]

[illegible] be used in reporting such
[illegible] operations.

1. Commencement of Drilling Operations
2. [illegible]
3. Altering Casing
4. Temporary abandonment
5. Plug and Abandon
6. Remedial work [illegible]
7. Plugging back or Deepening
8. Change in Ownership of a Drilling Well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations;

Within ten days following the commencement of drilling operations, the owner of the well shall file ~~with the Commission~~ a report on Form C-103 in TRIPLICATE. Such report shall indicate the date ~~of~~ hour and ~~well is~~ this well was spudded. ~~and any other pertinent data not previously submitted on Forms C-101 or C-102, whichever is applicable.~~

~~(2) Report of Results of Test of Casing and Cement Job~~

~~A report of casing and cement test shall be filed~~ with the Commission within ten day

(E)

(2) Within 30 days following completion of the ~~work~~ well, ~~each~~ each well shall be filed with the Commission

(a) Report of Results of Test of Casing and Cementing

~~shall be filed~~ shall be filed

~~of conducting~~ of conducting a pressure test. The report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed account of the test method employed and the data obtained by such test, and any other information required by Rule 107. The report shall also ~~include~~ include

~~the~~ the top of the cement behind the casing, if such top was determined ~~by~~ by a temperature survey or by calculation. The manner by which such top was determined. ~~The~~ ~~Any~~ deviation ~~and~~ changes from the casing program previously authorized for the well. If there are no changes from the casing program previously authorized for the well.

05 > (3) Report of Temporary Abandonment

057 A report of temporary abandonment of a well shall be filed ~~by the owner~~ by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location, ~~and~~ type of plugs, ~~depth~~ location and depth of plugs, type and depth of anchors used, if any, status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

4

(5) Report on Plugging of Well

A report of plugging questions should be filed by the owner of the well within 30 days following completion of such work.

~~shall be filed by the operator of the well and shall present a detailed account of~~ the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job.
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

4a

(6) Report on Deepening or Plugging Back

4a

A report of deepening or plugging back

by
[illegible] a final [illegible] the owner of the well within 30 days following completion of such work or change. Said report shall be on [illegible] Form C-105 [illegible] the well log and [illegible] the plugging record, if such was [illegible] and also [illegible] the [illegible] and [illegible] completion. If the [illegible] [illegible] pool, Rule C-101 [illegible]

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of ~~the~~ any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ~~the~~ ownership of a drilling well will be approved by the Commission unless the new owner ~~has~~ has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

[illegible] Initial Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil from [illegible] (Form C-116)

[illegible] Operator with the assigned [illegible] Pool [illegible] and Certificate [illegible] [illegible] [illegible]

[illegible] Form C-104 with Sections I, II, and III completely filled out shall be [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Form C-104 [illegible] Form C-104 [illegible]

[illegible] Form C-104 [illegible]

[illegible] Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101.

Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved C-104 Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on

[illegible] made by a [illegible] [illegible]
[illegible] [illegible] including [illegible] [illegible]
[illegible] C-105 and [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] C-105 and accompanying [illegible]
shall not be kept confidential by the
Commission unless so requested in writing
by the owner of the well. Upon such
request the Commission will keep [illegible]
confidential for 90 days from the date of
completion of the well; provided, however, that
the [illegible] report, log(s), and other data
may, when pertinent, be introduced in any
public hearing before the Commission or its
examiners or any court regardless of the re-
quest that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when application, ~~is~~ shall be filed in accordance with Rule 112-A IV

[redacted] APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A FORMATION (Form C-108)

[redacted]

[redacted] Form C-103 at present.

[redacted] Form C-110.

[redacted]

Form C-111 shall be filed with the [redacted] with the rules below. It shall be [redacted] on or before the 15th day of the month for [redacted] gas taken during the preceding month. Copies shall be filed with the appropriate District Office of the Commission, as well as the [redacted] Commission Offices at Santa Fe and [redacted]

"reportable" "natural"
All gas (including gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering ~~system or transportation~~ system [redacted] shall be reported monthly on Form C-111. This shall include gas that ~~is used~~ is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, [redacted] gas drilling operation, etc. "non-reportable" gas shall not include gas used on the lease by the producer thereof for consumption in lease houses, treaters

[redacted] gas is taken by the producer and [redacted] for any of the "reportable" uses above, the producer shall file [redacted] Form C-114 [redacted] the reportable gas [redacted] the above [redacted]

[redacted] gas [redacted] the gas which [redacted]

[redacted] of the [redacted]

[redacted] of [redacted] shall [redacted]

[redacted] from the [redacted] of [redacted] the Commission [redacted] the Commission thereof, and the [redacted] producing, as provided [redacted]

Rule 1112	TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)
Rule 1113	REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112.)
Rule 1114	No Rule; there would be no Form C-114. at present. (Forms C-111 and C-114 are combined into Form C-111)
Rule 1115	OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)
Rule 1116	GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B)
(Same as old Rule 1116)

RULE 1118 RECEIVING PLANT OPERATOR'S MONTHLY REPORT (Form C-118)
(Same as old Rule 1117

RULE 1119 RECEIVING PLANT MONTHLY REPORT (Form C-119)
(Same as old Rule 1118)

RULE 1120 TRANSPORTER'S REPORT (Form C-120) and MONTHLY
GAS PURCHASER REPORT (Form C-120-A)
(Same as old Rule 1119)

RULE 1121 ALLOWABLE AND NOMINATION FORMS (Forms C-110, C-111, C-112, C-113, C-114, C-115, C-116, C-117, C-117-A, C-117-B, C-118, C-119, C-120, C-120-A, C-121, C-121-A)

(a) Forms C-111, C-112, C-113, C-114, C-115, C-116, C-117, C-117-A, C-117-B, C-118, C-119, C-120, C-120-A, C-121, C-121-A shall be prescribed by the Commission from time to time.

(b) Not later than five days prior to the beginning of each calendar month, each purchaser shall submit to the Commission a nomination for the succeeding month for each prorated oil allowable hearing on the first day of the succeeding month by each person entitled to purchase oil from producing wells in the pool during said month.

One copy of Form C-121-A, Purchasers Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C.)
(Same as old Rule 1121)

[redacted] for the withdrawal of all gaseous fuel at the [redacted] (Form C-122)
(Same as old Form 1122)

[redacted] (Form C-131)

[redacted] (Form C-132)

[redacted] (Form C-133)

[redacted] (Form C-134)

[redacted] (Form C-135)

[redacted] (Form C-136)

[redacted] (Form C-137)

[redacted] (Form C-138)

[redacted] (Form C-139)

[redacted] (Form C-140)

[redacted] (Form C-141)

[redacted] (Form C-142)

[redacted] (Form C-143)

[redacted] (Form

[redacted]

C-331 WELL COMPLETION OR RECOMPLETION C-105
REPORT AND LOG

[redacted]

[redacted] Commission Form C-104 [redacted] be filed with the Commission on any and all [redacted] drilled in the State, regardless of land [redacted]. Further, all reports and forms required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule — no other forms will be accepted

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

~~RULE~~ SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices mailing addresses will be included)

THIS FORM IS NOT TO BE USED FOR REPORTING PACKER LEAKAGE TESTS IN SOUTHEAST NEW MEXICO

FORM PL-NW-1
REV. 9-1-64

NEW MEXICO OIL CONSERVATION COMMISSION
NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

MAIN OFFICE OCC
1964 MAR 23 AM 8

Operator	Well Name	TYPE OF TEST → Annual-(Give Year)	Initial-(Give Date)	Well No.
Location of Well Unit Sec. Twp. Rge.				☐ NEW ☐ OWWO
UPPER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING ☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING
LOWER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING ☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

FLOW TEST NO. 1

Elapsed Time Since Flow Began	Producing Zone Pressures - Psig Flowing	Producing Zone Pressures - Psig Working	Shut-In Zone Pressures - Psig Casing	Shut-In Zone Pressures - Psig Tubing	Flowing Temp °F	REMARKS:

GAS MCFD METER ☐ CHOKE ☐ OIL Rate-BBL/D Gravity °API

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

FLOW TEST NO. 2

Elapsed Time Since Flow Began	Producing Zone Pressures - Psig Flowing	Producing Zone Pressures - Psig Working	Shut-In Zone Pressures - Psig Casing	Shut-In Zone Pressures - Psig Tubing	Flowing Temp °F	REMARKS:

GAS MCFD METER ☐ CHOKE ☐ OIL Rate-BBL/D Gravity °API

REMARKS:

The results of this test indicate (No Packer Leakage)(Packer Leakage) in this well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

APPROVED _____ 19____
NEW MEXICO OIL CONSERVATION COMMISSION

BY _____

TITLE _____

OPERATOR _____

BY _____

TITLE _____

DATE _____

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL ☐ GAS ☐ WELL OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Address of Operator

UNIT LETTER ____ LOCATED ____ FEET FROM THE ____ LINE

AND ____ FEET FROM THE ____ LINE OF SEC. ____ TWP. ____ RGE. ____ NMPM

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, GR, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed ____ *Title* ____ *Date* ____

(This space for Federal or State Use)

APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes C-102 and C-103
PROPOSED

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER-

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

FEET FROM THE ____ LINE AND ____ FEET FROM THE ____ LINE

UNIT LETTER ____ SECTION ____ TOWNSHIP ____ RANGE ____ NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

12. County

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PLUG AND ABANDON ☐
CHANGE PLANS ☐
☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER

ALTERING CASING
PLUG AND ABANDONMENT ☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form C-105.)

15. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

C-108

Form C-108-A

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

		ADDRESS	
	WELL NO.	FIELD	

WELL LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

_____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY

NAME, MODEL AND DEPTH OF TUBING PACKER

	TOP OF FORMATION	BOTTOM OF FORMATION	
	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION	
	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?		

		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA	
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA		
		IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (psi)
AVERAGE DAILY INJECTION VOLUME: MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	

ATTACH TEST OR OTHER DATA SHOWING WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

_____ _____ _____

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Form C-~~111~~ C-111
Supersedes C-111 and C-114

PROPOSED

Month | Year

Plant

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

[illegible] (Detail on Sheet 2)
[illegible] (Detail on Sheet 2)
[illegible] (Detail on Sheet 2)

[illegible] of Gas Not Processed Through a Plant (Detail on Sheet 2)

VOLUME – MCF

[illegible]

[illegible] Disposition (Detail Below)

VOLUME – MCF

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
[illegible]					
Gasoline					
[illegible]					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form C-111
Sheet No. 1 C-111
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
GAS PURCHASERS MONTHLY REPORT

ADDRESS
(Through Form Title to Sheet No. 1)

Date

Name of Well (Pool Name)

PURCHASER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

C-112
Proposed

RECEIVED FROM – TOTAL EACH POOL (Attach additional sheets if necessary)

COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS

RECEIVED FROM OTHER SOURCES (Attach additional sheets if necessary)

PLACE OF RECEIPT	BARRELS
TOTAL	

TOTAL RECEIPTS

STOCK – FIRST OF PERIOD, PLUS RECEIPTS

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	

TOTAL STOCK – END OF MONTH

Shortage

Overage

TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

C-113
Form C-113
PROPOSED

Gasoline							

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Form C-113
Revised 10-1-78

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO TESTS

Rule C-116

Pool _____ Field _____ County _____

TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐

Producing Formation	Well No.	Location U	Location S	Location T	Location R	Date of Test	Status	Choke Size	Pressures Tbg.	Pressures Csg.	Pressures Separator	Separator Temp. °F	Daily Allowable	Length of Test Hrs.	Prod. During Test Water Bbls.	Prod. During Test Gravity	Prod. During Test Oil Bbls.	Prod. During Test Gas MCF	Gas-Oil Ratio Cu. Ft./Bbl.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-119
Form C-119
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

Month

CARBON BLACK PLANT REPORT

Process

Field

Project No.

Subject Ordnal

Receiver/ASC

SOURCE OF GAS SUPPLY	FIELD	KIND OF GAS	UNIT of MEASURE

DISPOSITION OF GAS

1. Plant Fuel Other than Carbon Black Manufacture
2. Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*
3. Other *(Detail)*

TOTAL

	TYPE	GRADE	CARBON BLACK PRODUCTION IN POUNDS			
			OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK
1.						
2.						
3.						
4.						
TOTAL						

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-121-A
Form C-121-A
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Address _____

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above-named Purchaser submits nominations for the purchase of gas from the _____ Pool, _____ County, New Mexico, for the following months:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____
(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. ***When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.***
2. ***When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.***
3. ***This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.***

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

	Pool		County	Date
	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV. DF, KB, DTum	DATE TESTED	Csg. Size & Wt.	SHUT-IN TEST	SONIC TEST DATA TEST	T.D.	CSG.	SONIC RETROSPECT TEST DATA PERF. TEST (BBLS./DAY)	FLUID OIL	FLUID WATER	PLUG BACK	WT. OF MUD	WT. OF SLURRY	CSG. PSI	DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of lawful age and having full
Name of party making report
knowledge of the facts hereinafter set out do state:

That I was employed by _____ in the capacity of

_____, that on _____, 19___

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ County, State of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

C-108 - C115 (combination
[illegible]

C-109 -
C-110 -
C-111 - Form C-111 & C-114
C-112 - Triangle + Stairs
C-113 - Refineries
C-114 -
C-115 - Ofc monthly report.
C-116 - G O R
C-117 - Sediment oil Disp point & C117A Recov.
Treating Plant Report
C-118 Carbon Black Report
C-119 Gro Avg. Report C 120 A Water disp.
C-120 oil prom. C-121 A Gas prom
C-121 Multi-Point C-122 A Flowing test SJ
C-122 ~~Act Rpt~~ ~~Multi-Point~~
C-122-B

Ready to Go

C-101-A

Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well: GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well: UNIT LETTER ____ LOCATED ____ FEET FROM THE ____ LINE AND ____ FEET FROM THE ____ LINE OF SEC. ____ TWP. ____ RGE. ____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth | 19A. Formation | 20. Rotary or C.T.

21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-A
CASE NO. 3028

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for [redacted] State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised 02/1/59

NOTICE OF INTENTION TO DRILL

Submit to Appropriate Office of the Oil Conservation Commission and approval obtained before drilling or recompletion operations may be considered advisable, a copy of this notice showing such changes will be approved by the Commission. One copy will be returned following approval. For additional regulations, see Rule 1103.
If State Land submit 6 Copies Attach Form C- 128 in triplicate to Rule 1 applies.

(Place) (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

(Company or Operator)

(Name), Well No. ..., in (Unit). The well is

..... feet from the ..... line and ..... feet from the

..... line of Section ....., T....., R....., NMPM.

(GIVE LOCATION FROM SECTION LINE) ..... Pool, ... County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

If State Land the Oil and Gas Lease is No. .....

If patented land the owner is .....

Address .....

We propose to drill well with drilling equipment as follows: .....

.....

The status of plugging bond is .....

.....

Drilling Contractor .....

.....

.....

We intend to complete this well in the .....

formation at an approximate depth of ..... feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved ....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By .....

Sincerely yours,

.....
(Company or Operator)

By .....

Position .....

Send Communications regarding well to

Name .....

Address .....

Ex 1B

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage: Acres	

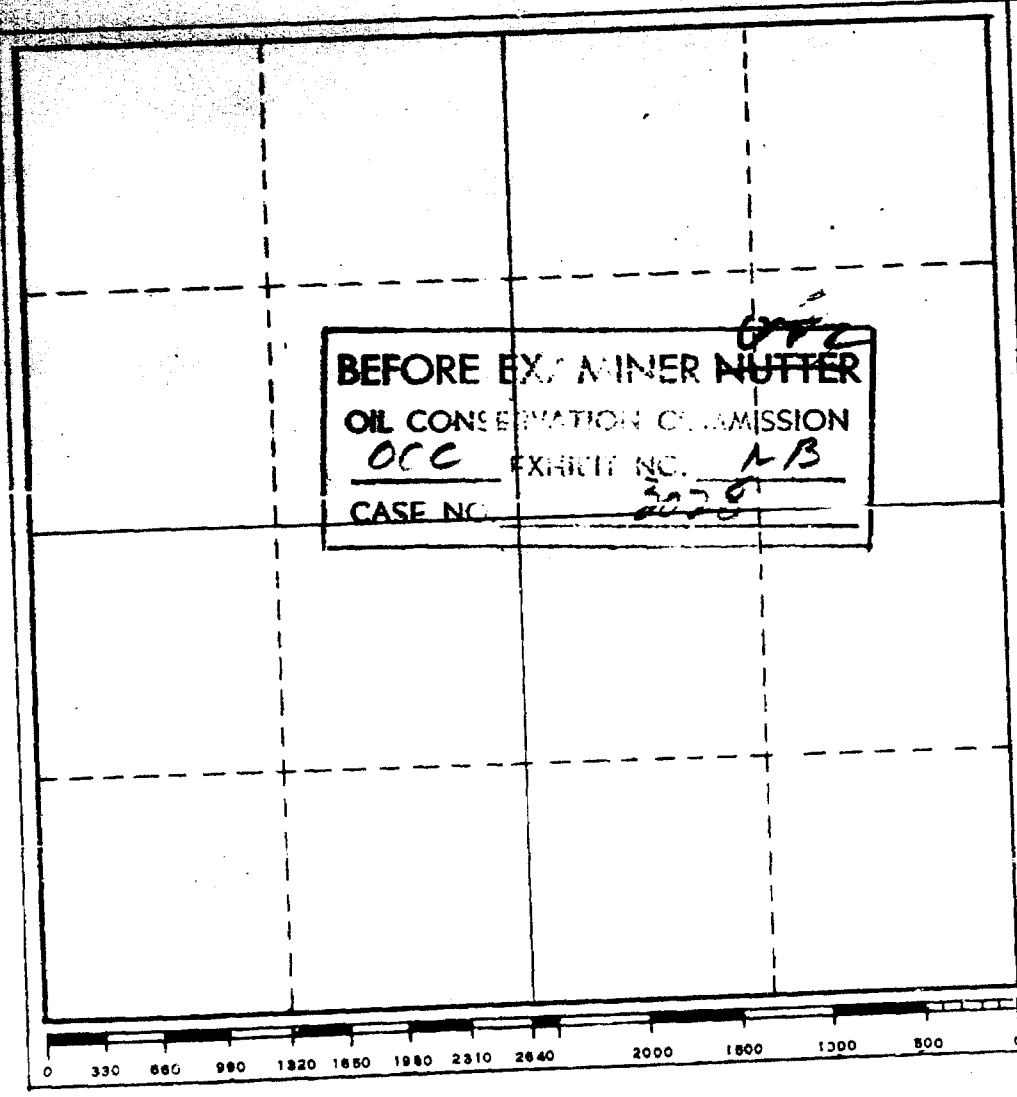
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1B
CASE NO. 3070

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Lease

Well No.

Unit Letter | Section | Township | County

Actual Footage Location of Well: feet from the line and feet from the line

Ground Level Elev. | Producing Formation | Pool | Dedicated Acreage: Acres

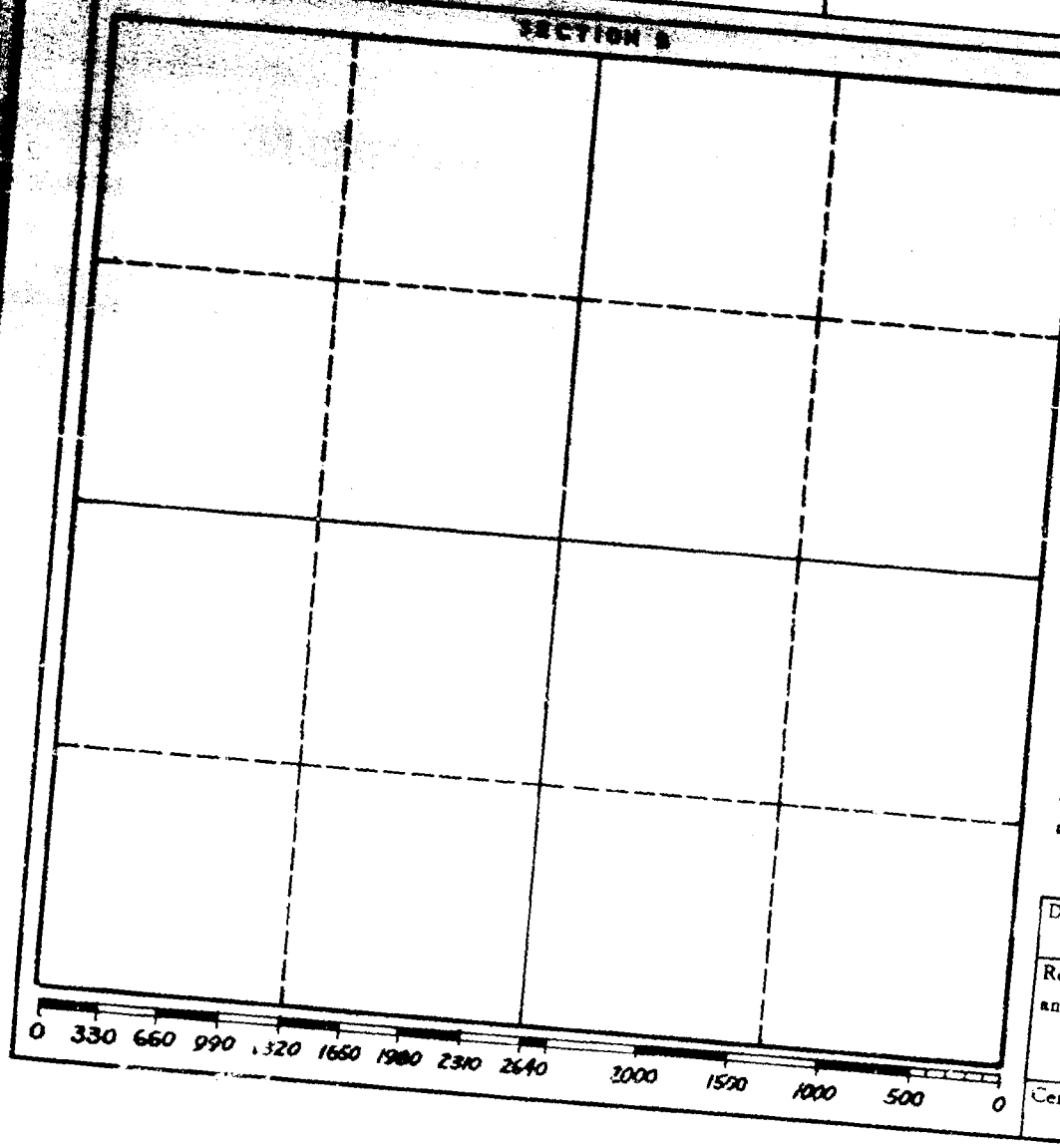
1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and others. 65-3-29 (e) NMSA 1953 Comp.)

2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____

3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Ex 1-C

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes C-102 and C-103

PROPOSED

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Elevation (Show whether DF, RT, GR, etc.)

UNIT LETTER ____ ; ____ FEET FROM THE ____ LINE AND ____ FEET FROM

THE ____ LINE, SECTION ____ TOWNSHIP ____ RANGE ____ NMPM.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PLUG AND ABANDON ☐
- CHANGE PLANS ☐
- OTHER ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐
- COMMENCE DRILLING OPNS. ☐
- CASING TEST AND CEMENT JOB ☐
- ALTERING CASING ☐
- PLUG AND ABANDONMENT ☐
- OTHER ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form C-105.)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.)

Refer to Rule 1103, etc

Omit

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-C
CASE NO. 3028

UTZ

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED ____ TITLE ____ DATE ____

APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

(Submit to appropriate District Office as per Commission Rule 1106)

Notice of Intention to Drill	Notice of Intention to Change Plans
Notice of Intention to Drill Deeper	Notice of Intention to Test Water Shut-off
Notice of Intention to Shoot or Chemicalize	Notice of Intention to Pull or Alter Casing
Notice of Intention to Plug Back	Notice of Intention to Abandon Well
Other	Other

(Date)

Pursuant to a Notice of Intention to do certain work as described below at the

(Company or Operator)

(Lease), No. of Sec. , T. , R. , NMPM., Well No. in Unit

County. Pool

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Approved , 19
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By

Title

(Company or Operator)

By

Position

Send Communications regarding well to:

Name

Address

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name

Address

	Well No.	Unit Letter	Section	Township	Range
Pool				County	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
- ☐ Casing Test and Cement Job
- ☐ Other (Explain):
- ☐ Plugging
- ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Witnessed by

	Position	Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

Approved by

Title

Date

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name

Position

Company

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

SECTION 1100 GENERAL

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 3028

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed.

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C.

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B) (Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118) (Same as old Rule 1117)

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119) (Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A) (Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C) (Same as old Rule 1121)

5. State Oil & Gas Lease No.

Supplemental Form
(1961-1962)

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill, deepen or plug-back. Another form is provided for such proposals.)

OIL WELL ☐ GAS WELL ☐ OTHER DRY ☐

2. OPERATOR

3. ADDRESS

4. LOCATION OF WELL:
Unit Letter.....
.....feet from the .....line and .....feet from the .....line
Section..... Township..... Range..... NMPM

5. [illegible]

6. [illegible]

7. [illegible]

8. [illegible]

9. WELL NO.

10. Pool

11. [illegible]

12. County

13. [illegible]

14. [illegible]

15. INDICATE BELOW BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐		WATER SHUT-OFF ☐	REMEDIAL WELL ☐	
FRACTURE TREAT ☐	[illegible] ☐		FRACTURE TREATMENT ☐	REPAIRING CASING ☐	
SHOOT OR ACIDIZE ☐	[illegible] ☐		SHOOTING OR ACIDIZING ☐	ABANDONMENT ☐	
REPAIR WELL ☐	CHANGE PLANS ☐		Perforate		
Perforate ☐	OTHER				

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

18. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

(Experimental Form
April-1962)

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1. 5a. LEASE DESIGNATION AND SERIAL

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill, deepen or plug-back. Another form is provided for such proposals.)

OIL WELL ☐ GAS WELL ☐ OTHER DRY ☐

6. [redacted]

7. [redacted]

2. OPERATOR

8. FARM OR LEASE NAME

3. ADDRESS

9. WELL NO.

4. LOCATION OF WELL:
Unit Letter.....
.....feet from the .....line and .....feet from the .....line

10. Pool

11. [redacted]

.....Section..... Township..... Range..... NMPM.

12. COUNTY

13. [redacted]

14. [redacted]

15. INDICATE BELOW BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐		WATER SHUT-OFF ☐	REPAIRING WELL ☐
[illegible] ☐	[illegible] ☐		FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON ☐		SHOOTING OR ACIDIZING ☐	ABANDONMENT ☐
REPAIR WELL ☐	CHANGE PLANS ☐			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

18. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

SIGNED _____ TITLE _____ DATE _____

[redacted]

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

C-105
Reverse

INSTRUCTIONS

General This form is designed for submitting a complete and correct well completion report and log for all wells. It shall be mailed to the District Office of the Oil Conservation Commission to which the C-101 was sent not later than 20 days after completion of the well.

Five copies of this form are to be submitted ~~in quintuplicate~~ except for wells drilled on State land, in which case six copies are required. Accompany each copy by a tabulation of all deviation tests taken as well as a summary of Drill Stem Tests.

All depths reported ~~shall~~ be measured depths. In the case of a directionally drilled well, true vertical depths shall also be reported.

For all multiply completed wells, Items 30 through 34 shall be reported for each zone

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE)

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee Cliffhouse	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota Greenhorn B. Greenhorn	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn Tadilto T. Entrada	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

IMPORTANT WATERSANDS

Memo

From

JOE D. RAMEY
SUPERVISOR & PRORATION MANAGER

To Dan Nutter

Have checked for solution gas in the range of 25 to 100# & have found 5 samples of four samples. They are attached.

Eric -
- My only objection to this form is that a C-116 is used for many other things for which completion of a new will. It seems to me that if it is this form for (for which completion) a query - but for completion would not be as official on this form

the Rain Lane.

M —

(Agency heading and Form No. and date)

Add instructions from C105

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. DESIGNATE TYPE OF COMPLETION — OIL WELL ☐ GAS WELL ☐ OTHER _____ DRY ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ OTHER _____ DIFF. RESVR. ☐

2. OPERATOR

3. ADDRESS

4. LOCATION (In feet from nearest lines of section or legal subdivision, where possible)*
Surface
Top prod. interval
At total depth

5. LEASE DESIGNATION AND SERIAL

6. IF INDIAN, ALLOTTEE OR TRIBE

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD & POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. & SURVEY, OR BLK. & AREA
UNIT LTR (SEE INSTRUCTION)

12. PERMIT NO.	DATE ISSUED	PREVIOUS PERMIT NO.	DATE ISSUED	13. COUNTY OR PARISH	14. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)*	19. ELEV. CASINGHEAD FLGE.

20. TOTAL DEPTH (MD & TVD)	21. PLUG, BACK T.D.(MD & TVD)	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)* — 25. DATE DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed) — 27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	WEIGHT LBS./FT.	PURPOSE	SACKS CEMENT	AMOUNT PULLED

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD		32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.	
DEPTH INTERVAL (MD)	HOLES PER FT., SIZE AND TYPE, PURPOSE	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCING METHOD (Flowing, gas lift, pumping,--- size & type of pump)	WELL STATUS (Prod. or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODUCTION FOR TEST→	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	GAS-OIL RATIO (Corr.)

FLOW. TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL, Bbls.	GAS, Mcf.	WATER, Bbls. & %	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) — TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I herby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE _____ DATE _____

*SEE INSTRUCTIONS ON REVERSE SIDE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Supplemental instructions by local Federal and/or State offices will govern the use of this form.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see space 36.

Space 4: If this well was directionally drilled, show both the location at the surface and at total depth from nearest lines, where possible; also show the locations at the top and at the bottom of any zone for which production data are reported in space 33, and any zone open for injection or disposal. Use this reverse side if more space is needed. (MD = Measured Depth, TVD = True Vertical Depth)

Space 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Spaces 22 and 24: If this well is completed for separate production from more than one zone (multiple-zone completion), so state in space 22, and in space 24 show the producing interval, or intervals, top(s), bottom(s) and name(s)(if any) for only the zone reported in space 33. Submit a separate completion report on this form for each interval (zone) to be separately produced.

Space 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Space 33: Submit a separate completion report on this form for each interval (zone) to be separately produced. (See instruction for spaces 22 and 24 above.)

SUMMARY OF WATER ZONES AND NON-COMMERCIAL OIL OR GAS ZONES (Note: If well was directionally drilled, show both measured and true vertical depths for zones and markers listed)						GEOLOGIC MARKERS		
KIND OF FORMATION	DEPTH TO TOP		DEPTH TO BOTTOM		CONTENTS; PRODUCTIVE GAS, IF KNOWN	NAME	DEPTH TO TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH

MEMO
FROM
JOE D. RAMEY

Don Nutter:

In relation to the attached, we feel it's a pretty good form with the noted emissions & additions.

Therefore I would recommend adoption.

JDR

LUBBOCK PRINTING CO. - OFFICE EQUIPMENT - FURNITURE - PHONE PO 5-5734

Forms C-104, C-110

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. DESIGNATE TYPE OF COMPLETION – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.

Operator

Address

II. DESCRIPTION OF WELL AND LEASE

Lease Name		~~Well No.~~	County
Location		Elevation	
Permit No.	Date Issued	Previous Permit No.	Date Issued
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	
Perforations ____ Producing Interval ____		Depth Casing Shoe	Tubing Depth

III. TEST DATA ~~OIL~~ WELL

Date of 1st Prod.	Date of Test	Producing Method (Flow, Pump, Gas Lift, Etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test*	Oil - Bbls.	Water - Bbls.	Gas - MCF

*Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.

IV. TEST DATA - ~~GAS~~ WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method - (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Oil Transporter	Gas Transporter
Address	Address

If well produces oil or liquids, give location of tanks. Unit ____ Sec. ____ Twp. ____ Rge. ____

Reason for filing form

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the rules and regulations of the Oil Conservation Commission have been complied with.

I further certify that this well is in compliance with Rule 1111.

APPROVED ____ 19____

OIL CONSERVATION COMMISSION

By ____

Title ____

Date ____

Operator

By ____

Title ____

Date ____

PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OKLAHOMA 74004
EXPLORATION AND PRODUCTION DEPARTMENT

PRAN OFFICE OCC
1964 APR 11 AM 9:22

April 9, 1964

Cases No's. 3027 and 3028
Revised Forms

Mr. A. L. Porter, Jr.
Secretary and Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Pete:

Thank you for mailing the proposed rules and proposed new report forms which were the subject of the hearings held yesterday. I regret that I was unable to be present for the hearings.

The proposed rules and proposed forms are excellent and will be a great improvement and a help both to your office and to the industry.

There are a few discrepancies which are not substantive but which I believe you would like to know about before preparing final drafts of the report forms.

Proposed Form C-113, Refiners Monthly Report, in the left hand column shows an item "Refinery Districts". This was obviously expanded from the IOCC Form R-1 Sheet 1 which had the words "Refinery Dists." This should properly read "Refinery Distillates".

I think Sheet 2 of Form C-113 is unnecessary and should not be required. Deliveries are shown on the original form, and it would seem to me that the Commission does not need to have further details on delivery of products from a refinery.

Form C-119, Carbon Black Plant Report. The proposed form is based on the original Interstate Oil Compact Commission Form C-1. However, in connection with a recent similiar study in Texas, I have prepared a proposed form of Carbon Black Plant Report which complies with the Texas statutes and which is, I believe, better organized than the original IOCC form. I enclose two copies of this for your use.

With respect to proposed Form C-124, please note that whoever drew up this form has changed the word "Liquid", which appeared in the original IOCC Form P-12, to "Fluid" in three of the columns under the heading "Sonic Instrument Test Data." This should be changed back to the word "Liquid" because the word "Fluid" is not correct usage.

With respect to the form proposed by El Paso Natural Gas Company as a substitute for Forms C-111 and C-115 entitled "Purchasers and Operators Monthly Report", I wish to say that I am in favor of combining these two report forms. An examination of the proposed new form leads me to question why it is necessary to have the column headed "Beginning Net Allowable". This would seem to be a duplication of the column headed "Oil Allowable". Also, I do not see any need for the column headed "Remarks". I observe that three of the columns now included on present Form C-115 Rev. 10-1-61 have not been included on the proposed new form. These columns are: "Oil on Hand Beg. of Month", "Barrels to Transporter", and "Oil on Hand End of Month". It seems to me that these three columns are necessary for the purpose of this report insofar as oil is concerned.

I would like again to recommend and urge that the New Mexico Oil Conservation Commission place this report, insofar as it pertains to oil, on a lease basis rather than on a per-well basis. This would be very helpful to Phillips Petroleum Company in reducing our clerical work.

Sincerely yours,

O. P. Nicola, Jr.

OPN:mke
Encl.
cc: Mr. Norman Woodruff
El Paso Natural Gas Company
El Paso, Texas

Mr. R. S. Christie
Amerada Petroleum Corporation
Box 2040
218 West 6th Street
Tulsa, Oklahoma

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

RRC DIST. _____

CARBON BLACK PLANT REPORT

1. NAME OF OPERATOR

2. ADDRESS OF OPERATOR

ALL GAS VOLUMES MUST BE REPORTED AT 14.65 PSI AND FLOWING TEMPERATURE OF 60° F.

3. MONTH AND YEAR

4. RAILROAD COMMISSION PERMIT NUMBER

5. NAME OF PLANT

6. FIELD

7. COUNTY

8. PROCESS

9. RATED CAPACITY (MCFPD)

SOURCE OF GAS SUPPLY

10. NAME OF PRODUCER OR GAS PROCESSING PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR/100CF	GAS UTILIZED DURING MONTH (MCF)
			TOTAL	

DISPOSITION OF GAS

	DAILY AVERAGE VOLUMES MCF	MONTHLY VOLUMES MCF
11. CAMP AND OTHER UTILITY USES		
PLANT FUEL OTHER THAN CARBON BLACK MANUFACTURE		
CARBON BLACK MANUFACTURE (INCLUDE FURNACE FUEL IN FURNACE PLANTS)		
TOTALS		

CARBON BLACK PRODUCTION

12. TYPE	GRADE	YIELD LBS/MCF	PRODUCTION IN POUNDS DAILY AVERAGE	PRODUCTION IN POUNDS MONTH	STOCK AT END OF MONTH (POUNDS)
		TOTALS			

STATE OF _____

COUNTY OF _____

OPERATOR _____

BY _____
SIGNATURE AND TITLE

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS REPORT, WHO AFTER BEING BY ME DULY SWORN ON OATH STATES THAT HE HAS KNOWLEDGE OF THE FACTS CONTAINED IN SAID REPORT, THAT HE IS DULY AUTHORIZED TO MAKE AND EXECUTE THIS REPORT, THAT THIS REPORT IS A TRUE AND CORRECT REFLECTION OF THE OPERATIONS REPORTED HEREIN, AND THAT NO PERTINENT MATTER INQUIRED ABOUT IN THIS REPORT HAS BEEN OMITTED THEREFROM.

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE _____ DAY OF _____, 19____

_____

NOTARY PUBLIC IN AND FOR _____ COUNTY, _____

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

RRC DIST.

CARBON BLACK PLANT REPORT

1. NAME OF OPERATOR

2. ADDRESS OF OPERATOR

ALL GAS VOLUMES MUST BE REPORTED AT 14.65 PSI AND FLOWING TEMPERATURE OF 60° F.

3. MONTH AND YEAR

4. RAILROAD COMMISSION PERMIT NUMBER

5. NAME OF PLANT

6. FIELD

7. COUNTY

8. PROCESS

9. RATED CAPACITY (MCFPD)

SOURCE OF GAS SUPPLY

10. NAME OF PRODUCER OR GAS PROCESSING PLANT	FIELD	KIND OF GAS	SULPHUR CONTENT GR/100CF	GAS UTILIZED DURING MONTH (MCF)
			TOTAL	

DISPOSITION OF GAS

	DAILY AVERAGE VOLUMES MCF	MONTHLY VOLUMES MCF
11. CAMP AND OTHER UTILITY USES		
PLANT FUEL OTHER THAN CARBON BLACK MANUFACTURE		
CARBON BLACK MANUFACTURE (INCLUDE FURNACE FUEL IN FURNACE PLANTS)		
TOTALS		

CARBON BLACK PRODUCTION

12. TYPE	GRADE	YIELD LBS/MCF	PRODUCTION IN POUNDS DAILY AVERAGE	PRODUCTION IN POUNDS MONTH	STOCK AT END OF MONTH (POUNDS)
		TOTALS			

STATE OF _____

COUNTY OF _____

OPERATOR _____

BY _____
SIGNATURE AND TITLE

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS REPORT, WHO AFTER BEING BY ME DULY SWORN ON OATH STATES THAT HE HAS KNOWLEDGE OF THE FACTS CONTAINED IN SAID REPORT, THAT HE IS DULY AUTHORIZED TO MAKE AND EXECUTE THIS REPORT, THAT THIS REPORT IS A TRUE AND CORRECT REFLECTION OF THE OPERATIONS REPORTED HEREIN, AND THAT NO PERTINENT MATTER INQUIRED ABOUT IN THIS REPORT HAS BEEN OMITTED THEREFROM.

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE _____ DAY OF _____, 19____

_____

NOTARY PUBLIC IN AND FOR _____ COUNTY, _____

1964 APR 13 PM

STATE OF NEW MEXICO
STATE ENGINEER OFFICE
SANTA FE

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

S. E. REYNOLDS
STATE ENGINEER

April 8, 1964

3028
Re: Oil Conservation Comm.Case ~~2038~~
Docket No. 1064
April 8, 1964

Oil Conservation Commission
Santa Fe, New Mexico

Attn. Mr. A. L. Porter, Jr.

Dear Mr. Porter:

This office concurs in the proposed revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms as presented in the attachments to the Docket, insofar as they apply to the functions of this office with respect to the conservation and protection of waters, both in quality and quantity.

Yours truly,

S. E. Reynolds
State Engineer

By: Frank E. Irby
Frank E. Irby
Chief
Water Rights Division

FEI/ma

1964 APR 8 PM 2 22

April 8, 1964

3028

Re: Oil Conservation Comm.Case ~~2038~~
Docket No. 1064
April 8, 1964

Oil Conservation Commission
Santa Fe, New Mexico

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Yours truly,

S. E. Reynolds
State Engineer

By:
Frank E. Irby
Chief
Water Rights Division

FEI/ma

MAIN OFFICE OCC

1964 APR 8 PM 2 22

3028

April 8, 1964

Re: Oil Conservation Comm. Case ~~2030~~
Docket No. 1064
April 8, 1964

Oil Conservation Commission
Santa Fe, New Mexico

Attn. Mr. A. L. Porter, Jr.

Dear Mr. Porter:

This office concurs in the proposed revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms as presented in the attachments to the Docket, insofar as they apply to the functions of this office with respect to the conservation and protection of waters, both in quality and quantity.

Yours truly,

S. E. Reynolds
State Engineer

By:
Frank E. Irby
Chief
Water Rights Division

FEI/ma

FORM 446 1-63

PAN AMERICAN PETROLEUM CORPORATION

OIL AND GAS BUILDING · P. O. BOX 1410
FORT WORTH 1, TEXAS

1964 APR 6 AM 8:13

WILLIAM V. GRISHAM
DIVISION ENGINEER

April 3, 1964

File: GHF-124-986.510.1

Subject: Case #3028 - New Mexico
Oil Conservation Commission
Examiner Hearing
April 8, 1964

Mr. A. L. Porter, Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Pan American Petroleum Corporation supports the Commission's proposal to adopt various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting all phases of oil and gas activity to state regulatory agencies. We also support the Commission's corollary proposed amendments to numerous rules and orders.

Yours very truly,

W. V. Grisham

C. W. TRAINER

P. O. BOX 1100 PHONE EX 7-1518

205 NORTH LINAM STREET

HOBBS, NEW MEXICO 88240

MAIN OFFICE OCC
1964 APR 2 PM 1:24

April 1, 1964

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: Case #3028
April 8, 1964
Adoption of New Forms

Attention: Dan Nutter

Dear Mr. Nutter:

I would like to recommend your proposed C-105 be printed on one side of two pages rather than two sides of one page.

Most producers reproduction facilities can accomplish one side of two pages much cheaper and easier. It would be more useable in your files too.

Yours very truly,

C. W. Trainer

CWT:vp

CLASS OF SERVICE
This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION
TELEGRAM

(331.) 1201

W. P. MARSHALL, PRESIDENT

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA018 DB004

1934 APR 7 AM 8 57

April 8 Hearing

D MDA005 PD=MIDLAND TEX 7 817A CST=
-NEW MEX OIL CONSERVATION COMM=
BOX 871 SANTA FE NMEX=

ATTN MR A L PORTER SECRETARY AND DIRECTOR

REFERENCE IS MADE TO CASE NO. 3028 TO CONSIDER REVISION OF EXISTING FORMS AND RULES. HUMBLE OIL & REFINING COMPANY HAS COMPARED THESE FORMS WITH THE EXISTING FORMS AND BELIEVES THEM TO BE AN IMPROVEMENT FROM THE STANDPOINT OF CONSOLIDATION AND INCLUSION OF ADDITIONAL DATA. HUMBLE SUGGESTS THAT THE COMMISSION ADOPT THE PROPOSED FORMS AND ASSOCIATED RULE CHANGES=

HUMBLE OIL AND REFG CO BY R R MCCARTY==

El Paso Natural Gas Company

El Paso, Texas

April 17, 1964

Mr. O. P. Nicola
Phillips Petroleum Company
Bartlesville, Oklahoma

Dear Pete:

Norman Woodruff has forwarded to me your letter to Pete Porter concerning the proposed new forms for the State of New Mexico. Thank you for your suggestions and corrections concerning the specific forms you mentioned. The error in the interpretation of "Refinery Data" was a complete oversight, and I appreciate your calling it to our attention. The reason that the Sheet 2 of form C-113 was included was that we checked a number of refinery reports, and deliveries usually took up the better part of a legal-sized page; consequently, these second sheets were merely included as an aid to those who need to file the report.

The Carbon Black report C-119 was picked up very closely from the IOCC form as you indicated. I believe the format might be discussed further; however, I do agree completely that the "Sulfur Content" column should be included in the body of the report rather than the heading so that the sulfur content for each individual source of gas can be indicated.

With respect to the form C-124, the column headed "Liquid" on the IOCC form was changed to "Fluid" after some discussion, and to be perfectly frank with you, I do not recall the specific reason that we decided to change it. I agree, however, with your strict interpretation of the word fluid as compared to liquid.

El Paso's proposed form C-111 and C-115 was designed specifically for the use of gas purchasing companies who operated wells themselves. The net allowable column that you referred to is put on there for El Paso's benefit and use and refers to the gas net allowable. The remarks column was put in so that there was space on the form for certain specific Disposition uses of gas well liquids and, in some instances, gas which is not taken into the pipeline. It was noted in our testimony at the hearing that the columns pertaining to oil stocks could be replaced on the form in the event it was possible that in some instances the form could be used for the reporting by oil purchasers who were also producers. The stocks on hand of gas well liquids are not particularly important from the standpoint of Commission regulation in that all liquid produced from gas wells is legal allowable. I concur completely with your last remark that production of oil should be on a lease basis because production of gas from oil wells is, of necessity, reported on a lease basis and in most instances, the oil production must be broken down by calculation to determine individual well production.

COPY

Again, thanks for your letter, and if there is any way in which we may be helpful in aiding in the securing of the adoption of the various IOCC forms in other states, please don't hesitate to call on us.

Kindest personal regards,

Original Signed D. H. RAINEY

D. H. RAINEY
Administrative Assistant
Proration Department

DHR:hr

cc: Mr. R. S. Cristie
Amerada Petroleum Corporation
~~Box~~ 2040
218 West 6th Street
Tulsa, Oklahoma

Mr. Ed Nestor
Shell Oil Company
Midland, Texas

Mr. A. L. Porter, Jr. ✓
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Memo

From

I. R. TRUJILLO

ADMINISTRATIVE ASSISTANT

To

The Land Office would like to have a place for the State Lease number on the following proposed forms -

C-104
105
105-
106

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLA.

1964 MAY 3 PM 12

April 30, 1964

Mr. A. L. Porter, Jr.
Secretary and Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Pete:

I have reviewed Mr. Nicola's comments to you concerning the Proposed Revised State Forms and also Mr. Rainey's communication to Mr. Nicola on the same matter.

The suggestions of both Mr. Nicola and Mr. Rainey are certainly important in the final editing of the Forms and I am sure you have or will consider them before preparing final drafts.

By a copy of this letter I am expressing my deep appreciation for the interest they have shown in making every effort to see that the new Proposed Forms are as near ideal as possible.

Again I wish to thank you and those of your staff who contributed so much time and effort to a project that will be beneficial to all concerned. A working committee always appreciates such fine cooperation.

With kindest personal regards,

Sincerely yours,

R. S. Christie

RSC:dw

cc: Mr. O. P. Nicola, Jr.
Mr. D. H. Rainey
Mr. Norman Woodruff
Mr. Ed Nestor

Mobil

Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

P. O. BOX 1800 HOBBS, NEW MEXICO 88240

MAIN OFFICE OCC
1964 APR 14 AM 8:12

April 13, 1964

Mr. A. L. Porter, Jr., Secretary Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

RE: CASE NO. 3028, REVISION OF FORMS, DOCKET NO. 10-64.

Dear Mr. Porter:

The following statement was given by me at the subject hearing and is furnished now per the request of Examiner E. A. Utz, at the hearing.

"Socony Mobil Oil Co., Inc. supports the recommendations for the revision of forms in order to provide more standard forms. This will help us as much or more than it will help the regulatory bodies.

"Socony Mobil wishes to recommend the deletion of the two columns entitled "Separator Temperature °F" and "Gravity Oil" from the Form C-116 as proposed.

"These two columns would provide useful but unnecessary information which would be extremely liable to "boiler-housing," and thereby inaccuracy. Most routine well tests do not require this information and the data is usually recorded only for special well tests such as surface sampling for PVT analysis.

"The accurate reporting of these two pieces of information would require the operator to install additional equipment on either standard or automated leases. Additional costs would also be incurred for the continuing maintenance and personnel time required. These costs, in the case of non-automated leases, could amount to $1-$5/well test depending on testing frequency.

"The use of accurate, measured separator or "gas" temperatures in calculation of metered gas volumes for well tests would possibly improve present measurement accuracy by about 1% maximum.

"Since we feel that there is little to be gained and accurate reporting would require additional expense Socony Mobil recommends that the reporting of separator temperature and oil gravity be deleted from the proposed Form C-116.

"If the Commission does not delete these columns then at least they should be made optional.

"It is also recommended that if the gas temperature requirement is retained then it should be specified so as to be at a certain point, such as the meter run."

Yours very truly,

J. C. Gordon, Jr.

JCGordon,Jr./jh

J. C. Gordon, Jr.
Sr. Production Engineer

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

Memo

From

JAMES M. DURRETT JR.
GENERAL COUNSEL

To Alan:

Will you please place this with the 1000 forms so we can adopt them all at the same time. This is the form Joe Ramey wants.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

FORM C-110-A

(~~Revised 7-60~~)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL FROM A COMMINGLED BATTERY

FILE THE ORIGINAL AND 3 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator

Commingling Order No.

Pool(s)

County

Location of battery | Unit Letter | Section | Township | Range

Authorized transporter of oil (by Unit)

Address (give address to which approved copy of this form is to be sent)

List Leases and wells producing into commingled battery

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19____.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico MAIN OFFICE OCC
Oil Conservation Commission 1963 SEP 25 AM 8:28

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2045
HOBBS

September 24, 1963

Mr. D. S. Nutter, Chief Engineer
New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Dear Dan:

I recommend that the geological tops on the revised Form C-105 be added/repositioned as follows:

(* indicates additions. ** indicates repositions.)

Southeastern New Mexico

T.	Anhy.....	*T.	Canyon.....
T.	Salt.....	*T.	Strawn.....
B.	Salt.....	*T.	Atoka.....
T.	Yates.....	T.	Miss.....
T.	7 Rivers.....	T.	Devonian.....
T.	Queen.....	T.	Silurian.....
T.	Grayburg.....	T.	Montoya.....
T.	San Andres.....	T.	Simpson.....
T.	Glorieta.....	T.	McKee.....
*T.	Paddock.....	T.	Ellenburger.....
*T.	Blinebry.....	T.	Gr. Wash.....
T.	Tubb.....	T.	Granite.....
**T.	Drinkard.....	*T.	Delaware Sd.....
T.	Abo.....	*T.	Bone Springs.....
*T.	Wolfcamp.....	T.	.....
T.	Penn.....	T.	.....
*T.	Cisco (Bough C).....	T.	.....

The added formation names are already in use in many pools and should be added.

The Drinkard designation should be moved below the Tubb designa-

tion for proper sequence.

Very truly yours,

OIL CONSERVATION COMMISSION

John W. Runyan

John W. Runyan
Geologist

JWR:fd

cc: Joe D. Ramey, Supervisor, District 1 NMOCC

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS – OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator		Lease		Well No.
Unit Letter	Section	Township	Range	County
Actual Footage Location of Well: feet from the line and feet from the line				
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage: Acres

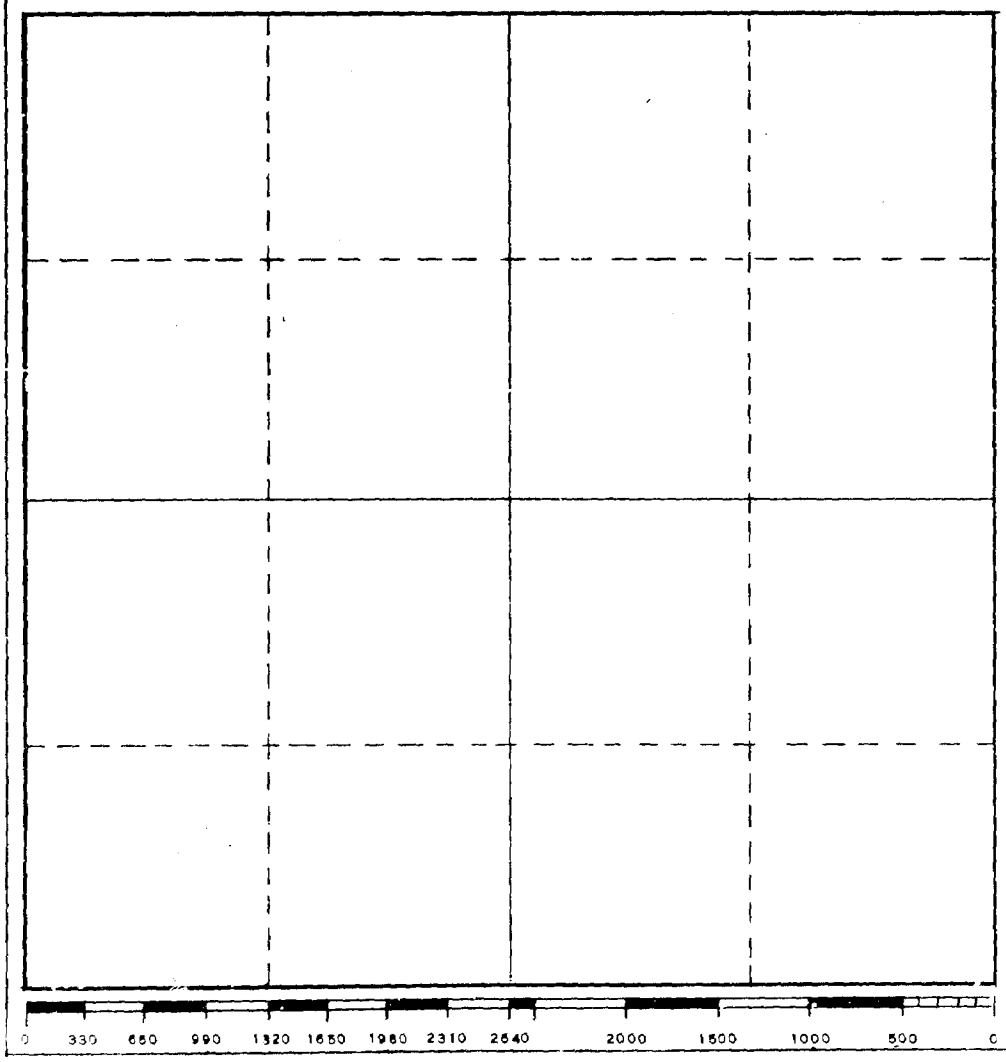
1. **Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below:**

2. **If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).**

3. **If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?**

   ☐ **Yes** ☐ **No** **If answer is "yes," type of consolidation** _____

   If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

C-103

Form C-102
Supersedes C-102 and C-103

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM

15. Elevation *(Show whether DF, RT, GR, etc.)*

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐
- TEMPORARILY ABANDON ☐
- PULL OR ALTER CASING ☐
- PLUG AND ABANDON ☐
- CHANGE PLANS ☐
- OTHER ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐
- COMMENCE DRILLING OPNS. ☐
- CASING TEST AND CEMENT JOB ☐
- ALTERING CASING ☐
- PLUG AND ABANDONMENT ☐
- OTHER ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

I, I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FORM C-126

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE FOR LOAD OIL CREDIT
AND
PERMIT TO TRANSPORT RECOVERED OIL

NOTE

REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

DOCKET NO. 10-64

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 8, 1964

9 A. M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

CASE 3020: In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for the abolishment and extension of the following pools:

Abolish the Weir-Tubb Gas Pool in
Township 20 South, Range 37 East;

Extend the Monument-Tubb Pool in
Township 20 South, Range 37 East,

all in Lea County, New Mexico.

CASE 3021: Application of Cherry Brothers and Cabot Corporation for a tubingless completion, Lea County, New Mexico. Applicants, in the above-styled cause, seek approval of the tubingless completion of their Austin State Well No. 1, located in Unit F of Section 19, Township 14 South, Range 36 East, Lea County, New Mexico, to produce oil from the Permo-Pennsylvanian formation at approximately 10,356 feet through 2 7/8-inch casing.

CASE 3022: Application of Sinclair Oil & Gas Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of special pool rules for the North Vacuum-Devonian Pool, Lea County, New Mexico, including a provision for 80-acre spacing.

CASE 3023: Application of Cities Service Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Ellenburger formation through its Hodges "B" Well No. 2 which is dually completed in the McKee and Ellenburger formations and located in Unit L of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico.

CASE 3024: Application of Deane H. Stoltz for approval of a non-standard unit, a dual completion, and commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard 80-acre unit in the North Bagley-Wolfcamp Pool comprising the SW/4 NE/4 and NW/4 SE/4 of Section 22, Township 11 South, Range 33 East, Lea County, New Mexico, approval of the dual completion (conventional) of its Deane H. Stoltz State 262 Well No. 1, located in Unit G of said Section 22, to produce oil from the North Bagley-Wolfcamp Pool through 1 1/4-inch tubing and to produce oil from the North Bagley-Upper Pennsylvanian Pool through the casing-tubing annulus by means of a hydraulic pump and authority to commingle production from the North Bagley-Wolfcamp and North Bagley-Pennsylvanian Pools into a common tank battery, computing production from the North Bagley-Upper Pennsylvanian Pool by the subtraction method.

CASE 3025: Application of Pan American Petroleum Corporation for a unit agreement, Eddy County, New Mexico. Applicant in the above-styled cause, seeks

approval of the Long Draw Unit Area comprising 3514 acres, more or less, of State and Federal lands in Township 20 South, Ranges 23 and 24 East, Eddy County, New Mexico.

CASE 3026: Application of Shell Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Jalmat Pool by the injection of water into the Yates formation through four wells in Sections 32, and 33, Township 26 South, Range 37 East, Lea County, New Mexico.

CASE 3027: Application of El Paso Natural Gas Company for the adoption of a new form. Applicant, in the above-styled cause, seeks the adoption of a new form entitled Purchaser's and Operator's Monthly Report, said form to be for the optional use of those gas purchasing companies which also have gas production. Use of said form to report monthly purchases and production would be in lieu of the monthly purchasers report and the monthly producers report presently required. Copies of the proposed form are available at the Office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

CASE 3028: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of certain existing forms, the adoption of certain new forms, and the amendment of certain rules pertaining to the filing of forms.

In the above-styled cause, the Commission proposes to consider the adoption of various forms patterned after the model forms recommended by the Interstate Oil Compact Commission for use in reporting all phases of oil and gas activity to state regulatory agencies. The forms have also been adopted and recommended by the Regulatory Practices Committee and the Executive Committee of the New Mexico Oil and Gas Association.

Adoption of the forms by the Commission will also entail amendment to numerous rules and orders of the Commission, particularly in Section M of the Rules and Regulations, wherever reference is made to the title or form number of an existing form which would be revised, or where detailed instructions for completing and filing of forms would not be consonant with the proposed forms.

It is further proposed to amend Rule 1121 of the Rules and Regulations and Rule 7 (A) of the General Rules and Regulations for Prorated Gas Pools in the State of New Mexico as promulgated by Order No. R-1670 to require that gas purchasers' nominations be submitted not later than the first day of the month during which the nominations will be considered at the monthly allowable hearing.

It is also proposed that said Rule 7 (A) be further amended to require that gas purchasers shall file a supplemental nomination for the purchase of gas each month.

Copies of all proposed forms are available at the office of the Oil Conservation Commission, State Land Office Building, Santa Fe, New Mexico.

NEW MEXICO OIL CONSERVATION COMMISSION 1938
RULES AND REGULATIONS

SECTION M REPORTS

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms ~~hereinafter~~ listed below shall be used for the purpose shown in and accordance with the instructions printed thereon and the rule ~~or~~ covering the form, or ~~and~~ any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request For Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection Into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operators Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchasers Nomination
Form C-121-A	Purchasers Gas Nomination
Form C-122	Multi-point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-126	Gas Well ~~Shut-in~~ Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change
~~Form C-72~~	

Rule 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (C-101)

RULE 1101. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. ~~The~~ To obtain such permit the operator shall submit to the Commission ~~five~~ FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, ~~one approved~~ one copy of the Drilling Permit will be returned to him ~~with any modifications deemed advisable by the Commission,~~ on which will be noted the Commission's approval, with any modifications deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE ~~three~~ copies of ~~the~~ Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX ~~six~~ copies of the C-101 and FOUR ~~four~~ copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required ~~of~~ on Form C-102 ~~shall~~ should be filled out and certified ~~by~~ by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified ~~by~~ by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in ~~duplicate~~ TRIPLICATE in accordance with Rule 1101.

~~Amended Form~~ ~~be~~ Amended Forms C-~~122~~ 102 shall be ~~submitted~~ filed in the event there is a change in any of the information ~~previously submitted thereon~~. The well location need not be certified when filing amended Form C-~~122~~ 102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

(as) A. Form C-103 as a Notice of Intention

~~Prior to Commencing Operations~~

Form C-103 shall be filed in ~~duplicate~~ TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

or is well which are being drilled Operator or plugged back to another zone (or Junk/Unstick Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed.)

4. Performance of

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations ~~Item~~ on previously completed wells. Item 5 is not applicable to new wells in the process of completion)
6. Such other operations which, when completed, will affect the original ~~design~~ status of the well.

In the case of well plugging operations the notice shall ~~be~~ give a detailed statement of the proposed work, including ~~depth and~~ ~~depth of plugs~~ plans for ~~mudding~~, ~~cementing~~ plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs, and the ~~date~~ time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be

released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill Deeper or Plug Back

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of Drilling operations ~~(Spudding time not date)~~
2. Casing ~~test~~ and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and Abandon ~~(plugging back)~~
6. Remedial Work ~~(including drilling deeper or~~
7. Plugging Back or Deepening
8. Change in Ownership of a Drilling Well
9. Such other operations ~~when~~ which affect the original status of the well ~~but~~ are not specifically covered herein

Information to be entered ~~of~~ on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations; hour and

Within ten days following the commencement of drilling operations, the owner of the well shall file ~~with the Commission~~ a report on Form C-103 in TRIPLICATE. Such report shall indicate the date ~~of~~ the well ~~is~~ was spudded. ~~and any other pertinent data not previously submitted on Forms C-101 or C-102, whichever is applicable.~~

~~(2) Report of Results of Test of Casing and Cement Job~~

~~A report of casing and cement test shall be filed~~ with the Commission within ten day

(2) ~~Within ten days following completion of the~~ test, the owner of the well shall file with the Commission Form C-103 Report

(2) Report of Results of Test of Casing and Cement Job;

~~Report of Casing Program alteration~~

A ~~report of casing and cement test~~ shall be filed ~~with the Commission~~ by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall ~~of~~ be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also ~~indicate~~ indicate ~~any changes from the casing program previously authorized for the work and~~ the top of the cement and ~~whether by log~~ or by calculation. The means by which such top was determined. ~~It shall also indicate any changes from the casing program previously authorized for the work.~~ It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed ~~by the~~ with by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location, ~~of plugs~~ and type used, if any, and type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE, on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission ~~unless such report specifically states that~~ until the pits have been filled and the location levelled, and cleared of junk. The filing of Form C-105 ~~"Well Record"~~ is also necessary to obtain Commission approval of a plugging report. (when the location has been restored, in order)

It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission to arrange for an inspection of the plugged well and the location by a Commission representative.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

~~shall be filed by the operator of the well and shall present a detailed account of~~ the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job.
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back

shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE, in form C-103 and shall present a detailed account of the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; See Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the affected well within ten days following the completion of the work involved.

ROLE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A newly completed well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock am on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

The allowable assigned to a gas well shall be effective at 7:00 o'clock am on the date of connection, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission whichever date is later.

No allowable will be assigned to an oil well or gas well to which a standard unit, in which it is completed for the pool, is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well in otherwise in full compliance with these rules.

4 Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of ownership, a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership, the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101.

9 Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved ~~C-104~~ Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on

the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and ~~the face of the plugging operations~~ summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the ~~case~~ case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the Notice of Intention to plug the well, if not previously filed.

~~The~~ Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep ~~their~~ data confidential for 90 days from the date of completion of the well; provided, however, that the ~~logs~~ report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, ~~shall~~ shall be filed in accordance with Rule 112-A IV

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule ~~1203~~ 701, Sections B and C.

RULE 1109 no Rule; there is no Form C-109 at present.

RULE 1110 no Rule; there ~~would be no~~ Form C-110. ~~at present~~. (Forms ~~C-103~~ C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the ~~Santa Fe~~ Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering ~~system or transportation~~ system ~~line~~ shall be reported monthly on Form C-111. This shall include ~~transmission~~ gas that ~~is used~~ is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, ~~repressuring~~ gas drilling operation, etc.; but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters,

V

Where gas is taken by the producer and ~~utilized~~ for any of the "reportable" uses outlined above, the producer shall file ~~the~~ Form C-111 ~~for~~ listing the reportable gas ~~only~~ only. He shall also include said reportable gas, as well as all ~~non-reportable~~ gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115)

Where gas is taken at the lease by any person other than the producer then such person taking the gas shall ~~file the~~ make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, ~~as provided~~ the disposition thereof, and the plant production, as provided.

~~Form~~

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112)
(Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113)
(Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114 at present. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115)
(Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116)
(Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B)
(Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHY REPORT (Form C-118)
(Same as old Rule 1117

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119)
(Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A)
(Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe office of the Commission not later than five days prior to said Commission's statewide oil allowance hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month

One copy of Form C-121-A, Purchasers Gas Nomination, shall be submitted to the Santa Fe office of the Commission by the first day of the month during which the Commission will consider the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (FORMS C-122, C-122-A, C-122-B, and C-122-C)
(Same as old Rule 1121)

RULE 1123 REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123)
(Same as old Rule 1122)

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124)
(Same as old Rule 1123) ~~except change in name of form~~.

RULE 1125 ~~SHUT-IN PRESSURE~~ GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)
(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)
Form C-126 shall be submitted in ~~4~~ QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph. ← (→ 5th Paragraph, when adopted)

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127)
(Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing ~~application for~~ APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK, and SUNDRY NOTICES AND REPORTS ON WELLS ~~and~~ and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal Lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of Wells on Federal land:

USGS Form No.	Title ~~Name~~ of Form (Same for both agencies	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations ~~that~~ pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule — no other forms will be accepted

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

~~RULE~~ SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices mailing addresses will be included)

In addition to the above rule changes numerous other non-substantive changes will be made throughout the Law and Regulations where reference is made to a form number or title which would not be consistent with the proposed changes.

THIS FORM IS NOT TO BE USED FOR REPORTING PACKER LEAKAGE TESTS IN SOUTHEAST NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FORM PL-NW-1
REV. 3-1-64

Operator		Well Name		Well No.
		MAIN OFFICE OCC		
Location of Well Unit Sec. Twp: Rge.		TYPE OF TEST →	Annual-(Give Year) / Initial-(Give Date) 1964 MAR 23 AM	☐ NEW ☐ OWWO
UPPER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING ☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING
LOWER COMPLETION	Reservoir or Pool	☐ GAS ☐ OIL	☐ FLOWING ☐ ARTIFICIAL LIFT	Production String ☐ CASING ☐ TUBING

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
FLOW TEST NO. 1			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURES - PSIG CASING	SHUT-IN ZONE PRESSURES - PSIG TUBING	PRODUCING ZONE PRESSURES - PSIG FLOWING	PRODUCING ZONE PRESSURES - PSIG WORKING	FLOWING TEMP °F	REMARKS:

GAS: MCFD; METER ☐ CHOKE ☐ | OIL: Rate - BBL/D | Gravity °API

REMARKS:

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure ☐ YES ☐ NO
FLOW TEST NO. 2			Zone Producing UPPER ☐ LOWER ☐	Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	PRODUCING ZONE PRESSURES - PSIG FLOWING	PRODUCING ZONE PRESSURES - PSIG WORKING	SHUT-IN ZONE PRESSURES - PSIG CASING	SHUT-IN ZONE PRESSURES - PSIG TUBING	FLOWING TEMP °F	REMARKS:

GAS: MCFD; METER ☐ CHOKE ☐ | OIL: Rate - BBL/D | Gravity °API

REMARKS:

The results of this test indicate (No Packer Leakage)(Packer Leakage) in this well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

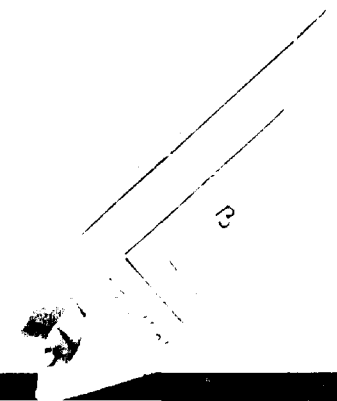
APPROVED _____, 19____
NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR _____

BY _____

TITLE _____

DATE _____



C-101

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE

AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for Federal or State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form C-103
Supersedes C-102 and C-103

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

	5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
3. Address of Operator	9. Well No.
4. Location of Well UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.	10. Field and Pool, or Wildcat
15. Elevation *(Show whether DF, RT, GR, etc.)*	12. County

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER _____ ☐		OTHER _____ ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log – Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

C-108

Form ~~C-120-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF ($\frac{1}{2}$) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-188~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Month of

Report of

Address

	BARRELS
Total Stock Beginning of Month	

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Minus Overage		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

Form C-113

C 113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS – OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X) Scheduled ☐ Completion ☐ Special ☐	

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES TBG.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

C-119
Form C-119
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month	

Operator				
Plant Name		Process		
County		Field		
Date	Rated Capacity -- MCF Gas Daily	Permit No.	Sulphur Content GR. PER 100 CU. FT.	Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

121-A

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ _____ _____

(Signature) *(Title)* *(Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the period [illegible].*
2. *When making a supplemental nomination, whether anticipated demand is the same as [illegible] fill in the preliminary nomination previously made for that month as well as the supplemental nomination [illegible].*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month [illegible] to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool	County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane
---	---	---	---	---	---

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 (REVISED)

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of lawful age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19___

I personally supervised the setting of a _____
Make & type of packer

in _____, _____,
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

I
1. M. C-105 - C-115 Combination
Remove distribution item
2. Orig and 1 to Santa Fe
One copy to ~~the~~ Appropriate District Office
One copy to Hobbs District Office.

II C-104 - C-110 - Change instructions
(Tank bottoms etc.)

III C-105 add grants (Form) for Northwest.
" rearrange form sequence.

C-101 Notice of Int
C-102 acreage Plat.
C-103 Notices and Reports-
C-104 request for allow and Cert. of Comp.
C-105 Well Log.
C-106 - ACT
C-107 - MC.
C-108 - ~~Form Disp & Salt water Prod C-115~~
C-109 -
C-110 -
C-111 - Form C-111 & C-114
C-112 - Transporter & Stor
C-113 - Refiners
C-114 -
C-115 - Oper Monthly report.
C-116 - G O R
C-117 - Schedule Oil ~~disp~~ prod by Allow
C-118 Treating Plant Report
C-119 Casing Black Report
C-120 Gas Disp. Report C-110 & C-111 Disp.
C-121 Oil Trans. C-121A Gas Trans.
C-122 ~~Pot. Test~~ Multi Point C-122A Form C-122
C-122B Ctt Test C-122C Ctt Test

Proposed

Ready to Go

C-101. Dan ok
C-102 - Dave - (C-128)
C-103 - change corner ok
C-104 - Dave - change instruction
C-105 - Front ok - Back - (Dave review)

C-107 - change # only
C-108 - 7 county unmounted. ok chg # or not from C-102-A
C-111 - Chg. # (C-108 on mtl)
unmounted ok (chg #)
C-112 - ok
C-113 - ok 2 sheets

C-116 - ok
C-119 - ok
C-121 A - ok
C-124 - ok
C-126 - ok
Packer setting report ok

C-101 Ex 1-H

Form C-101

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

3. Address of Operator

4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

USZ

BEFORE EXAMINER ~~NUTTER~~
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-H
CASE NO. _____

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed _____ *Title* _____ *Date* _____

(This space for [redacted] State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

.....(Place).....(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

.....(Company or Operator)

.....(Lease), Well No....., in.....(Unit). The well is

located.....feet from the.....line and.....feet from the

.....line of Section....., T....., R....., NMPM.

(GIVE LOCATION FROM SECTION LINE) .....Pool, ...County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

If State Land the Oil and Gas Lease is No.....

If patented land the owner is.....

Address.....

We propose to drill well with drilling equipment as follows:.....

.....

The status of plugging bond is.....

.....

Drilling Contractor .....

.....

.....

We intend to complete this well in the.....

formation at an approximate depth of.....feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By.....

Sincerely yours,

.....(Company or Operator)

By.....

Position.....

Send Communications regarding well to

Name.....

Address.....

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.

Unit Letter	Section	Township	Range	County

Actual Footage Location of Well:
feet from the line and feet from the line

Ground Level Elev:	Producing Formation	Pool	Dedicated Acreage:
			Acres

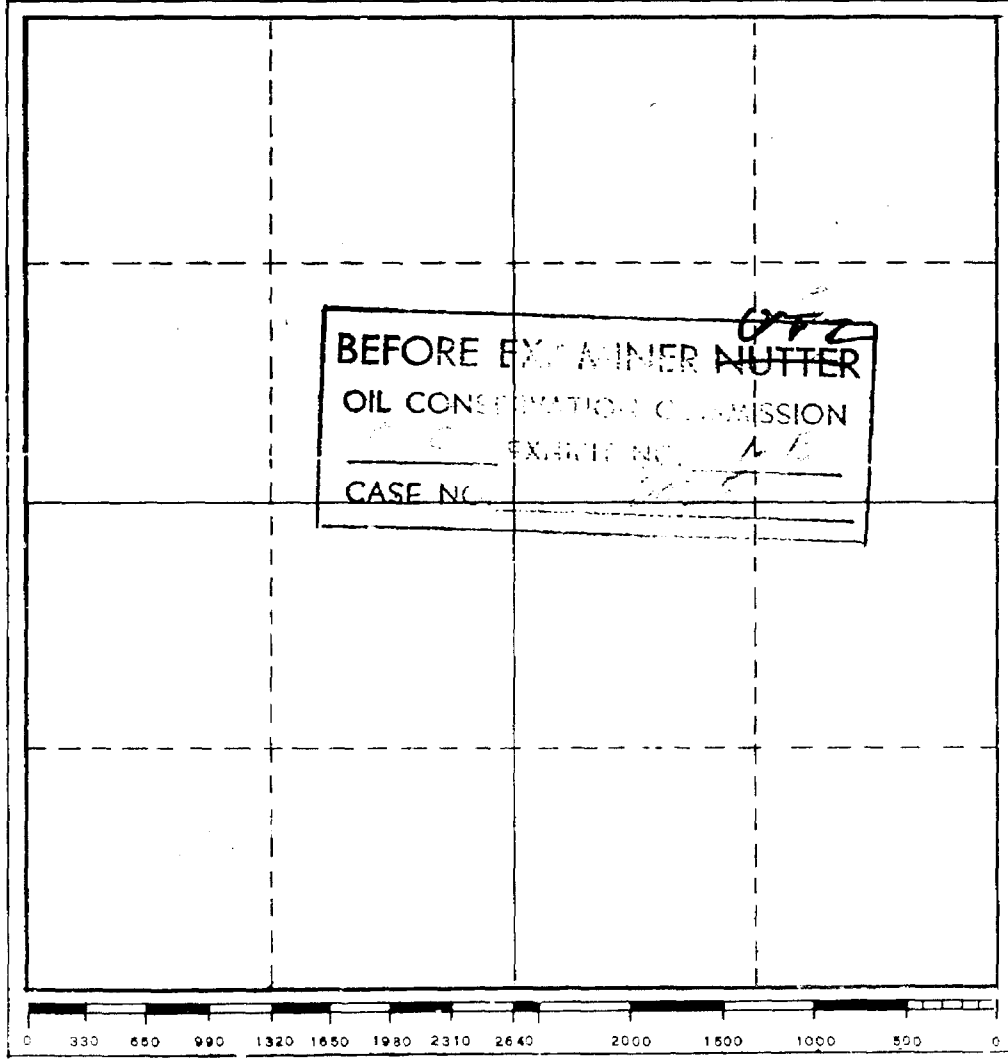
1. **Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.**

2. **If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).**

3. **If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?**

   ☐ Yes ☐ No If answer is "yes," type of consolidation _____

   If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER — OIL		
TRANSPORTER — GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.

Unit Letter	Section	Township	Range	County

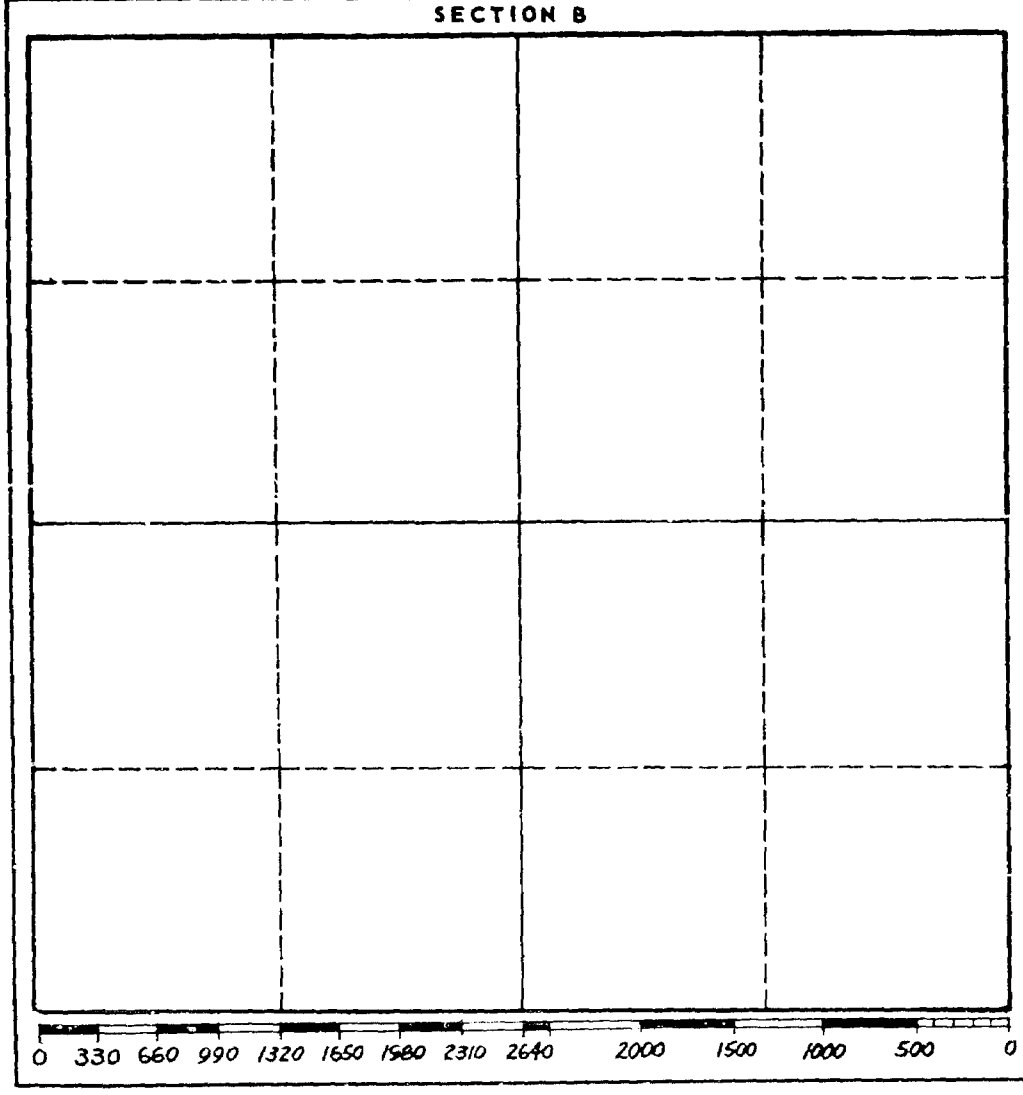
Actual Footage Location of Well:
feet from the line and feet from the line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
			Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. *("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)*
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES_____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in *SECTION A* above is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on the plat in *SECTION B* was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-103
Supersedes C-102 and C-103

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator

3. Address of Operator

4. Location of Well
UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Elevation *(Show whether DF, RT, GR, etc.)*

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐
PULL OR ALTER CASING	☐		
OTHER			☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐	ALTERING CASING	☐
COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
CASING TEST AND CEMENT JOB	☐		
OTHER			☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log — Form C-105)

17. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)*

UTZ

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-C
CASE NO. 3028

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

.....
(Place) (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

.....Well No.....in.....
(Company or Operator) Lease (Unit)

.....¼.....¼ of Sec....., T....., R.....NMPM., ...Pool
(40-acre Subdivision)

.....County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Approved....., 19.....
Except as follows:

.....
Company or Operator

By.....

Position.....

Send Communications regarding well to:

Approved
OIL CONSERVATION COMMISSION

By..... Name.....

Title..... Address.....

NUMBER OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER OIL / GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company				Address	
Lease	Well No.	Unit Letter	Section	Township	Range
Date Work Performed	Pool			County	

THIS IS A REPORT OF: *(Check appropriate block)*

☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other *(Explain)*:

☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Witnessed by	Position	Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS *ONLY*

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth

Perforated Interval(s)	
Open Hole Interval	Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved by	Name
Title	Position
Date	Company

Form C-119	Carbon Black Plant Report
Form C-120	Monthly Injection Report
Form C-120-A	Monthly Water Disposal Report
Form C-121	Crude Oil Purchaser's Nomination
Form C-121-A	Purchaser's Gas Nomination
Form C-122	Multi-Point Back Pressure Test for Gas Wells
Form C-122-A	Gas Well Test Data Sheet - San Juan Basin
Form C-122-B	Initial Potential Test - Data Sheet
Form C-122-C	One-Point Back Pressure Test for Gas Wells - Data Sheet
Form C-123	Request for the Extension of an Existing Pool or the Creation of a New Pool
Form C-124	Reservoir Pressure Report
Form C-125	Gas Well Shut-in Pressure Report
Form C-126	Permit to Transport Recovered Load Oil
Form C-127	Request for Allowable Change

RULE 1101 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK (Form C-101)

Before commencing drilling operations, the owner or operator of the well must obtain a permit to do so. To obtain such permit the operator shall submit to the Commission FIVE copies of Form C-101, Application for Permit to Drill, Deepen, or Plug Back, completely filled out. If the operator has an approved bond in accordance with Rule 101, one copy of the Drilling Permit will be returned to him on which will be noted the Commission's approval, with any modification deemed advisable, or the rejection of the plan submitted.

Form C-101 must be accompanied by THREE copies of Form C-102, Well Location and Acreage Dedication Plat. (See Rule 1102)

If the well is to be drilled on State Land, submit SIX copies of the C-101 and FOUR copies of the C-102, as one copy of each is forwarded to the State Land Office.

RULE 1102 WELL LOCATION AND ACREAGE DEDICATION PLAT (Form C-102)

This is a dual purpose form used to show the exact location of the well and the acreage dedicated thereto. The form is also used to show the ownership and status of the dedicated acreage.

All information required on Form C-102 shall be filled out and certified by the operator of the well except the well location on the plat. This is to be plotted with respect to the outer boundaries of the section and certified by a registered professional engineer and/or land surveyor, registered in the State of New Mexico, or a surveyor approved by the Commission.

Form C-102 shall be submitted in TRIPLICATE in accordance with Rule 1101.

Amended Forms C-102 shall be filed in the event there is a change in any of the information previously submitted. The well location need not be certified when filing amended Form C-102.

RULE 1103 SUNDRY NOTICES AND REPORTS ON WELLS (Form C-103)

Form C-103 is a dual purpose form used to obtain Commission approval prior to commencing certain operations and also to report various completed operations.

NEW MEXICO OIL CONSERVATION COMMISSION
Rules and Regulations

PROPOSED RULES AND FORMS

SECTION [illegible] REPORTS

BEFORE EXAMINER ~~HUTTER~~ UTZ
OIL CONSERVATION COMMISSION
CCC EXHIBIT NO. 2
CASE NO. 3027

RULE 1100 GENERAL

A. Where to File Reports

Unless otherwise specifically provided for in any rule or order of the Commission, all forms and reports required by these rules shall be filed with the appropriate District Office of the Commission as provided for in Rule 1302.

B. Additional Data

These rules shall not be construed to limit or restrict the authority of the Oil Conservation Commission to require the furnishing of such additional reports, data, or other information relative to the production, transportation, storing, refining, processing, or handling of crude petroleum oil, natural gas, or products in the State of New Mexico as may appear to it to be necessary or desirable, either generally or specifically, for the prevention of waste and the conservation of natural resources of the State of New Mexico.

C. Books and Records

All producers, transporters, storers, refiners, gasoline or extraction plant operators, and initial purchasers of natural gas within the State of New Mexico shall make and keep appropriate books and records for a period of not less than five years, covering their operations in New Mexico, from which they may be able to make and substantiate the reports required by these rules.

D. Written Notices, Requests, Permits and Reports

The forms listed below shall be used for the purpose shown in accordance with the instructions printed thereon and the rule covering the form, or any special rule or order pertaining to its use.

Form C-101	Application for Permit to Drill, Deepen, or Plug Back
Form C-102	Well Location and Acreage Dedication Plat
Form C-103	Sundry Notices and Reports on Wells
Form C-104	Potential Test and Request for Allowable and/or Certificate of Compliance and Authorization to Transport Oil and Natural Gas
Form C-105	Well Completion or Recompletion Report and Log
Form C-106	Notice of Intention to Utilize Automatic Custody Transfer Equipment
Form C-107	Application for Multiple Completion
Form C-108	Application to Dispose of Salt Water by Injection into a Porous Formation
Form C-111	Gas Purchaser's Monthly Report (Sheet 1 and Sheet 2)
Form C-112	Transporter's and Storer's Monthly Report
Form C-113	Refiner's Monthly Report (Sheet 1 and Sheet 2)
Form C-115	Operator's Monthly Report
Form C-115-EDP	Operator's Monthly Report (electronic data processing)
Form C-116	Gas-Oil Ratio Tests
Form C-117-A	Sediment Oil Disposition Permit
Form C-117-B	Sediment Oil Recovery Permit
Form C-118	Treating Plant Report

A report of casing and cement test shall be filed by the owner of the well within ten days following the setting of each string of casing or liner. Said report shall be filed in TRIPLICATE on Form C-103 and shall present a detailed description of the test method employed and the results obtained by such test, and any other pertinent information required by Rule 107. The report shall also indicate the top of the cement and the means by which such top was determined. It shall also indicate any changes from the casing program previously authorized for the well.

(3) Report of Temporary Abandonment

A report of temporary abandonment of a well shall be filed by the owner of the well within ten days following completion of the work. The report shall be filed in TRIPLICATE and shall present a detailed account of the work done on the well, including location and type of plugs used, if any, type and status of surface and down-hole equipment, and any other pertinent information relative to the overall status of the well.

(4) Report on Plugging of Well

A report of plugging operations shall be filed by the owner of the well within 30 days following completion of plugging operations on any well. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the date the plugging operations were begun along with the date the work was completed; a detailed account of the manner in which the work was performed; the depths and lengths of the various plugs set; the nature and quantities of materials employed in plugging operations; the amount, size and depth of all casing left in the hole and the weight of mud employed in plugging the well and any other pertinent information. No plugging report submitted on Form C-103 shall be approved by the Commission until the pits have been filled and the location levelled and cleared of junk. It shall be the responsibility of the owner of the plugged well to contact the appropriate District Office of the Commission when the location has been restored in order to arrange for an inspection of the plugged well and the location by a Commission representative. The filing of Form C-105 is also necessary to obtain Commission approval of a plugging report.

(5) Report of Remedial Work

A report of remedial work performed on a well shall be filed by the owner of the well within 30 days following completion of such work. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of the work done and the manner in which such work was performed; the daily production of oil, gas and water both prior to and after the remedial operation; the size and depth of shots; the quantity of sand, crude, chemical or other materials employed in the operation, and any other pertinent information. Remedial work to be reported on Form C-103 is as follows:

1. Report on shooting, fluid fracturing or chemical treatment of a previously completed well.
2. Report on squeeze job
3. Report on setting of liner or packer
4. Report of installation of pumping equipment or gas lift facilities, or any similar operations which affect the original status of the well and which are not specifically covered herein.

(6) Report on Deepening or Plugging Back

A report of deepening or plugging back shall be filed by the owner of the well within 30 days following completion of such operations on any well. Said report shall be filed in QUADRUPLICATE on Form C-103 and shall present a detailed account of

A. Form C-103 as a Notice of Intention

Form C-103 shall be filed in TRIPLICATE by the operator and approval obtained from the Commission prior to commencing any of the following operations:

1. Change of plans from those on a previously approved C-101 or C-103
2. Pulling casing or altering a well's casing program
3. Temporary abandonment of a well
4. Plug and abandon
5. Performance of remedial work. (This shall include such work as acidizing, squeezing, perforating, fracturing, and other similar operations on previously completed wells. Item 5 is not applicable to new wells in the process of completion or to wells which are being drilled deeper or plugged back to another zone for which Form C-101, Application for Permit to Drill, Deepen, or Plug Back has been filed)
6. Such other operations which, when completed, will affect the original status of the well.

In the case of well plugging operations the notice shall give a detailed statement of the proposed work, including plans for shooting, testing, and removing casing, plans for mudding and cementing including length and depth of plugs and the time and date of the proposed plugging operations. If not previously filed, a complete log of the well on Form C-105 (see Rule 1105) shall accompany the notice of intention to plug the well; the bond will not be released until this is complied with. See Rule 1101 regarding Notice of Intention to Drill, Deepen or Plug Back.

B. Form C-103 as a Subsequent Report

Form C-103 as a subsequent report of operations shall be filed with the appropriate District Office of the Commission in accordance with the section of this rule applicable to the particular operation being reported. Form C-103 is to be used in reporting such completed operations as:

1. Commencement of drilling operations
2. Casing and cement test
3. Altering casing
4. Temporary abandonment
5. Plug and abandon
6. Remedial work
7. Plugging back or deepening
8. Change in ownership of a drilling well
9. Such other operations which affect the original status of the well but are not specifically covered herein

Information to be entered on Form C-103, Subsequent Reports, for a particular operation is as follows:

(1) Report on Commencement of Drilling Operations

Within ten days following the commencement of drilling operations, the owner of the well shall file a report on Form C-103 in TRIPLICATE. Such report shall indicate the hour and date the well was spudded.

(2) Report of Results of Test of Casing and Cement Job; Report of Casing Program Alteration

the new operator shall file the form in the above manner, and shall give the name and address of the previous as well as the present operator. The Form C-104 will not be approved by the Commission unless the new operator has an approved bond in compliance with Rule 101. Whenever there is a temporary change in transporter and oil is to be moved from the lease by anyone other than the regular transporter authorized by an approved Form C-104, the operator shall notify the appropriate District Office of the Commission in writing within three days after the oil is moved, furnishing such information as may be required by the District Office. The operator shall furnish copies of the notification to the regular transporter and to the temporary transporter.

RULE 1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Within 20 days following the completion of any well, the owner shall file Form C-105 with the Commission. It must be accompanied by one copy of all electrical and radioactivity logs run on the well and by a summary of all special tests conducted, including drill stem tests. If the Form C-105 with attached log(s) and summaries is not received within the specified 20-day period, the allowable for the well will be withheld until this provision is complied with.

In the case of well plugging operations a complete record of the well on Form C-105 with the above attachments shall accompany the notice of intention to plug the well, if not previously filed

Form C-105 and accompanying attachments shall not be kept confidential by the Commission unless so requested in writing by the owner of the well. Upon such request the Commission will keep these data confidential for 90 days from the date of completion of the well; provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Commission or its examiners or any court regardless of the request that they be kept confidential.

RULE 1106 NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT (Form C-106)

Form C-106, when applicable, shall be filed in accordance with Rule 309-A.

RULE 1107 APPLICATION FOR MULTIPLE COMPLETION (Form C-107)

Form C-107, when applicable, shall be filed in accordance with Rule 112-A IV.

RULE 1108 APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION (Form C-108)

Form C-108, when applicable, shall be filed in accordance with Rule 701, Sections B and C

RULE 1109 No Rule; there is no Form C-109 at present.

RULE 1110 No Rule; there would be no Form C-110. (Forms C-104 and C-110 are combined into Form C-104)

RULE 1111 GAS PURCHASER'S MONTHLY REPORT (Form C-111)

Form C-111 shall be filed monthly in accordance with the rules below. It shall be postmarked on or before the 15th day of the month for all gas taken during the preceding month. One copy shall be filed with the appropriate District Office of the Commission, as well as the Commission Offices at Santa Fe and Hobbs.

All "reportable" gas (including natural gas produced from gas wells and casinghead gas produced from oil wells) which is taken into any gas gathering system

the work done and the manner in which such work was performed. If the well is recompleted in the same pool, it shall also report the daily production of oil, gas, and water both prior to and after recompletion. If the well is recompleted in another pool, Form C-104 must also be filed in accordance with Rule 1104.

(7) Report of Change in Ownership of a Drilling Well

A report of change of ownership shall be filed by the new owner of any drilling well within ten days following actual transfer of ownership. Said report shall be filed in TRIPLICATE on Form C-103 and shall include the name and address of both the new owner and the previous owner, the effective date of the change of ownership, and any other pertinent information. No change in the ownership of a drilling well will be approved by the Commission unless the new owner has an approved bond in accordance with Rule 101. (Form C-104 shall be used to report transfer of ownership of a completed well; see Rule 1104.)

(8) Other Report on Wells

Reports on operations not specifically covered herein shall be submitted to the Commission on Form C-103, in TRIPLICATE, by the operator of the subject well within ten days following the completion of the work specified.

RULE 1104 POTENTIAL TEST AND REQUEST FOR ALLOWABLE AND/OR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS (Form C-104)

Form C-104 completely filled out by the operator of the well must be filed in QUINTUPLICATE before an allowable will be assigned to any newly completed or recompleted well. (A recompleted well shall be considered one which has been deepened or plugged back to produce from a different pool than previously) Form C-104 must be accompanied by a tabulation of all deviation tests taken on the well as provided by Rule 111.

The allowable assigned to an oil well shall be effective at 7:00 o'clock a.m. on the date of completion, provided the C-104 is received by the Commission during the month of completion. Date of completion shall be that date when new oil is delivered into the stock tanks.

Unless otherwise specified by special pool rules, the allowable assigned to a gas well shall be effective at 7:00 o'clock a.m. on the date of connection to a gas transportation facility, as evidenced by an affidavit of connection from the purchaser to the Commission, or the date of receipt of Form C-104 by the Commission, whichever date is later.

No allowable will be assigned to an oil well or a gas well to which a standard unit for the pool in which it is completed is not dedicated, until a non-standard unit is approved, or until a standard unit has been communitized or pooled and dedicated to the well.

No allowable will be assigned to any well until all forms and reports due have been received by the Commission and the well is otherwise in full compliance with these rules.

Form C-104 with Sections I, II, and III completely filled out shall be filed in QUINTUPLICATE by the operator of the well in the event there is a change of operating ownership of any producing well, injection well, or disposal well, or a change of transporter (oil, condensate, casinghead gas, or dry gas), a change in pool designation, lease name, or well number, or any other pertinent change in condition of any such well. When filing Form C-104 for change of operating ownership,

RULE 1123 REQUEST FOR THE EXTENSION OF AN EXISTING POOL OR THE CREATION OF A NEW POOL (Form C-123) (Same as old Rule 1122)

RULE 1124 RESERVOIR PRESSURE REPORT (Form C-124) (Same as old Rule 1123)

RULE 1125 GAS-WELL SHUT-IN PRESSURE TESTS (Form C-125)(Same as old Rule 1124)

RULE 1126 PERMIT TO TRANSPORT RECOVERED LOAD OIL (Form C-126)

Form C-126 shall be submitted in QUADRUPLICATE to the appropriate District Office of the Commission and shall be used in conformance with Rule 508 and Rule 1104, sixth paragraph.

RULE 1127 REQUEST FOR ALLOWABLE CHANGE (Form C-127) (Same as old Rule 1126)

RULE 1128 FORMS REQUIRED ON FEDERAL LAND

Federal forms shall be used in lieu of State forms when filing APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK and SUNDRY NOTICES AND REPORTS ON WELLS and WELL COMPLETION OR RECOMPLETION REPORT AND LOG for wells on Federal lands in New Mexico. However, it shall be the duty of the operator to submit two extra copies of each of such forms to the USGS, which upon approval will transmit same to the Commission. The following USGS forms will be used in lieu of Commission forms by operators of wells on Federal land:

USGS Form No.	Title of Form (Same for both agencies)	NMOCC Form No.
9-331C	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	C-101
9-331	SUNDRY NOTICES AND REPORTS ON WELLS	C-103
9-330	WELL COMPLETION OR RECOMPLETION REPORT AND LOG	C-105

The above forms as may be revised are the only forms that may be submitted in place of Commission forms.

After a well is completed and ready for pipe line connection, Commission Form C-104 shall be filed with the Commission on any and all wells drilled in the State, regardless of land status. Further, all reports and forms as required under the preceding rules of this section of the Rules and Regulations that pertain to production must be filed on the proper Oil Conservation Commission form as set out in said Rule - no other forms will be accepted.

Failure to comply with the provisions of this Rule will result in the cancellation of Form C-104 for the affected well or wells.

SECTION O

RULE 1301 DISTRICT OFFICES

(Same as old Rule 1301 except that District Offices' mailing addresses will be included)

In addition to the above rule changes, numerous other non-substantive changes will be made throughout the Rules and Regulations where reference is made to a Form number or title which would not be consistent with the proposed changes.

shall be reported monthly on Form C-111. This shall include gas that is to go into any transportation system, gasoline plant, extraction plant, carbon black plant, recycling plant, gas lift system, gas-drilling operation, etc., but shall not include "non-reportable" gas used on the lease by the producer thereof for consumption in lease houses, treaters, compressors, combustion engines, and other similar equipment, or which is flared.

Where gas is taken by the producer and utilized for any of the "reportable" uses outlined above, the producer shall file Form C-111 listing the reportable gas only. He shall also include said reportable gas, as well as all gas utilized for non-reportable uses, on his Operator's Monthly Report (Form C-115).

Where gas is taken at the lease by any person other than the producer, then such person taking the gas shall make the report.

Each operator of a gasoline plant, cycling plant, or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico shall also file Form C-111 showing thereon the source of gas, the disposition thereof, and the plant production, as provided.

RULE 1112 TRANSPORTER'S AND STORER'S MONTHLY REPORT (Form C-112) (Same as old Rule 1111)

RULE 1113 REFINER'S MONTHLY REPORT (Form C-113) (Same as old Rule 1112)

RULE 1114 No Rule; there would be no Form C-114. (Forms C-111 and C-114 are combined into Form C-111)

RULE 1115 OPERATOR'S MONTHLY REPORT (Form C-115) (Same as old Rule 1114)

RULE 1116 GAS-OIL RATIO TESTS (Form C-116) (Same as old Rule 1115)

RULE 1117 SEDIMENT OIL DISPOSITION PERMITS (Forms C-117-A and C-117-B) (Same as old Rule 1116)

RULE 1118 TREATING PLANT OPERATOR'S MONTHLY REPORT (Form C-118) (Same as old Rule 1117)

RULE 1119 CARBON BLACK PLANT MONTHLY REPORT (Form C-119) (Same as old Rule 1118)

RULE 1120 MONTHLY INJECTION REPORT (Form C-120) and MONTHLY WATER DISPOSAL REPORT (Form C-120-A) (Same as old Rule 1119)

RULE 1121 PURCHASER'S NOMINATION FORMS (Forms C-121 and C-121-A)

One copy of Form C-121, Crude Oil Purchaser's Nomination, shall be submitted to the Santa Fe Office of the Commission not later than five days prior to said Commission's statewide oil allowable hearing on nominations for the succeeding month by each person expecting to purchase oil from producing wells in New Mexico during said month.

One copy of Form C-121-A, Purchaser's Gas Nomination, shall be submitted to the Santa Fe Office of the Commission by the first day of the month during which the Commission will consider at its allowable hearing the nominations for the purchase of gas from producing wells in New Mexico during the succeeding month. In addition to the monthly gas nominations, six-months nominations shall be filed in accordance with the appropriate pool rules.

RULE 1122 GAS WELL TESTING FORMS (Forms C-122, C-122-A, C-122-B, and C-122-C) (Same as old Rule 1121)

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
CASE NO. 1-D

Form C-104
Supersedes C-104 and C-110

NEW MEXICO OIL CONSERVATION COMMISSION

POTENTIAL TEST AND REQUEST FOR ALLOWABLE

AND/OR

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	
Address	
REASON (S) FOR FILING *(Check proper box)*	New Well ☐ Re-completion ☐ Change in Ownership ☐
Change in Transporter *(Check One)* OIL ☐ DRY GAS ☐ CASINGHEAD GAS ☐ CONDENSATE ☐	Other: *(Explain)*

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	County

Location

UNIT LETTER _____ ; _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SECTION _____ , TOWNSHIP _____ , RANGE _____ NMPM.

III. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Transporter: ☐ *Oil* ☐ *Condensate* *Name:*					Transporter: ☐ *Dry Gas* ☐ *Casinghead Gas* *Name:*	
Address					Address	
If well produces oil or liquids, give location of tanks.	*Unit*	*Sec.*	*Twp.*	*Rge.*	Is Well Actually Connected?	When

If this production is commingled with that from any other lease or pool, give Commingling Order No. _____

IV. COMPLETION DATA

Designate Type Of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Prod. Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA

OIL WELL

Date of first prod.	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test *	Oil – Bbls.	Water – Bbls.	Gas – MCF

* *Prod. after recovery of total volume of load oil and must exceed normal unit allowable or test must be for full 24 hrs.*

GAS WELL

Actual Prod. Test – MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method – *(pitot, back pr.)*	Tubing Pressure	Casing Pressure	Choke Size

CERTIFICATE

I hereby certify that the information given above is true and complete to the best of my knowledge and belief, and further certify, that the rules and regulations of the Oil Conservation Commission have been complied with.

_____
(Signature)

_____
(Title)

_____
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with Rule 111.

This form must be filled out completely for allowable on new and re-completed wells.

Fill out Sections I, II and III for change of owner, well name, transporter or other change of condition.

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)
Revised 7/1/57

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

..... (Place) ..... (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

....., Well No....., in.....¼.....¼,
(Company or Operator) (Lease)

....., Sec....., T....., R....., NMPM., ...Pool
Unit Letter

.....County. Date Spudded..... Date Drilling Completed .....

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation_____ Total Depth_____ PBTD_____

Top Oil/Gas Pay_____ Name of Prod. Form._____

PRODUCING INTERVAL -

Perforations_____

Depth
Open Hole_____ Casing Shoe_____ Depth Tubing_____

OIL WELL TEST -

Natural Prod. Test:_____bbls.oil, _____bbls water in _____hrs, _____min. Size Choke_____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used):_____bbls.oil, _____bbls water in _____hrs, _____min. Size Choke_____

GAS WELL TEST -

Natural Prod. Test:_____MCF/Day; Hours flowed _____ Choke Size_____

Method of Testing (pitot, back pressure, etc.):_____

Test After Acid or Fracture Treatment:_____MCF/Day; Hours flowed_____

Choke Size_____ Method of Testing:_____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand):

Casing Press._____ Tubing Press._____ Date first new oil run to tanks_____

Oil Transporter_____

Gas Transporter_____

_____ (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax

Remarks:.....

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved....., 19.....

.....
(Company or Operator)

OIL CONSERVATION COMMISSION

By:.....
(Signature)

By:.....

Title.....

Title.....

Send Communications regarding well to:

Name.....

Address.....

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator			Lease	Well No.
Unit Letter	Section	Township	Range	County
Pool			Kind of Lease *(State, Fed, Fee)*	
If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
Authorized transporter of oil ☐ or condensate ☐		Address *(give address to which approved copy of this form is to be sent)*		
Is Gas Actually Connected? Yes_____ No_____				
Authorized transporter of casing head gas ☐ or dry gas ☐	Date Connected	Address *(give address to which approved copy of this form is to be sent)*		

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING *(please check proper box)*

New Well . . . . . ☐
Change in Transporter *(check one)*
Oil . . . . . ☐ Dry Gas . . . . ☐
Casing head gas . ☐ Condensate . . ☐
Change in Ownership . . . . . ☐
Other *(explain below)*

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19____.

OIL CONSERVATION COMMISSION	By
Approved by	Title
Title	Company
Date	Address

L-1

BEFORE EXAMINER ~~NUTTER~~ UTZ
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-E
CASE NO. 3028

NEW MEXICO OIL CONSERVATION COMMISSION

C-105
Form C-105 Ex 11
Revised 1-1-65

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

3. Address of Operator

4. Location of Well
UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo
T. Salt	T. Strawn	T. Kirtland-Fruitland
B. Salt	T. Atoka	T. Pictured Cliffs
T. Yates	T. Miss	T. Cliff House
T. 7 Rivers	T. Devonian	T. Menefee
T. Queen	T. Silurian	T. Point Lookout
T. Grayburg	T. Montoya	T. Mancos
T. San Andres	T. Simpson	T. Gallup
T. Glorieta	T. McKee	Base Greenhorn
T. Paddock	T. Ellenburger	T. Dakota
T. Blinebry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Todilto
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T.	T. Chinle
T. Penn.	T.	T. Permian
T. Cisco (Bough C)	T.	T. Penn.
		T. Granite

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

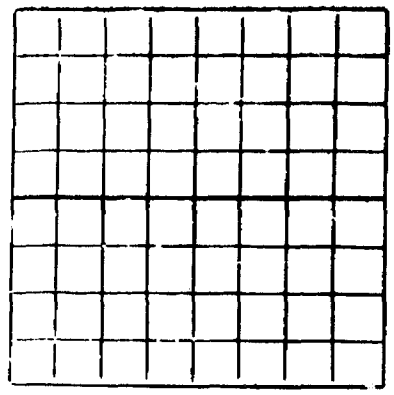
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
PRORATION OFFICE			
OPERATOR			

WELL RECORD

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

.....
(Company or Operator) (Lease)

Well No....., in.....¼ of.....¼, of Sec....., T....., R....., NMPM.

.....Pool, ...County.

Well is.....feet from.....line and.....feet from.....line

of Section..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced....., 19..... Drilling was Completed....., 19.....

Name of Drilling Contractor.....

Address.....

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet. .....

No. 2, from.....to.....feet. .....

No. 3, from.....to.....feet. .....

No. 4, from.....to.....feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

.....

.....

.....

.....

Result of Production Stimulation.....

.....

.....Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I. Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico		Northwestern New Mexico	
T. Anhy		T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres		T. Granite		T. Dakota	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs		T.		T.	
T. Abo		T.		T.	
T. Penn		T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

.....
(Date)

Company or Operator..... Address.....

Name..... Position or Title.....

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-F
CASE NO.

Form C-106 O C

ACT Permit No._____

NOTICE OF INTENTION

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator_____ Field_____

Address_____ County_____

Lease(s) to be served by this ACT Unit_____

Pool(s) to be served by this ACT Unit_____

Location of ACT System: Unit_____ Sec_____ Twp_____ Rge_____

Order No. authorizing commingling between leases if more than one lease is to be served by this system_____ Date_____

Order No. authorizing commingling between pools if more than one pool is to be served by this system_____ Date_____

Authorized transporter of oil from this system_____

Transporter's address_____

Maximum expected daily through-put for this system:_____ Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

A. ☐ Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.

B. ☐ Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head?_____ Maximum well-head shut-in pressure_____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank?_____ Bbls.

What is the normal maximum unattended time of lease operation?_____ Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

☐ Positive displacement meter ☐ Weir-type measuring vessel

☐ Positive volume metering chamber ☐ Other; Describe_____

Remarks:_____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission

By_____

Title_____ Date_____

By_____

Title_____

Date_____

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County	Date
Address			Lease	Well No.
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES_____ NO_____
2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. *Name of Pool and Formation*			
b. Top and Bottom of Pay Section (Perforations)			
c. Type of production (Oil or Gas)			
d. Method of Production (Flowing or Artificial Lift)			

4. The following are attached. (Please mark YES or NO)

_____ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

_____ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

_____ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

_____ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-G
CASE NO. 3025

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ____ NO ____ . If answer is yes, give date of such notification _____

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

_____
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

C-108

Form ~~C-130-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

BEFORE EXAMINER ~~NUTTER~~ UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-14
CASE

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER

ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator _____ Address _____

Lease _____ Well No. _____ County _____

Unit _____ Section _____ Township _____ Range _____

This is an application to dispose of salt water produced from the following pool(s):

_____

Name of Injection Formation(s): _____

Top of injection zone: _____ Bottom of injection zone: _____

Give operator, lease, well no., and location of any other well in this area using this same zone for disposal purposes: _____

_____

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface				
Intermediate				
Long String				

Will injection be through tubing, casing, or annulus? _____

Size tubing _____ Setting depth: _____ Packer set at. _____

Name and Model No. of packer: _____

Will injection be through perforations or open hole? _____

Proposed interval(s) of injection. _____

Well was originally drilled for what purpose? _____

Has well ever been perforated in any zone other than the proposed injection zone? _____

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

_____

Give depth of bottom of next higher zone which produces oil or gas _____

Give depth of top of next lower zone which produces oil or gas _____

Give depth of bottom of deepest fresh water zone in area: _____

Expected volume of salt water to be injected daily (barrels) _____

Will injection be by gravity or pump pressure? _____ Estimated pressure: _____

Is system open or close type? _____ Is filtration or chemical treatment necessary? _____

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? _____

List all offset operators to the lease on which this well is located and their mailing address

_____

_____

_____

_____

_____

Name and address of surface owner _____

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? _____

Is a complete electrical log of this well attached? _____

Operator: _____

By: _____

Title: _____

STATE OF _____)
) ss.
County of _____)

BEFORE ME, The undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the _____ day of _____, 19____.

_____
Notary Public in and for the County of _____

_____
My Commission Expires

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

ir/

C-111

Form C-[illegible]
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

UT-2

BEFORE EXAMINER ~~HUTTER~~
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE NO. 3022

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form C-111
Sheet #1
(Revised 12-1-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MONTHLY GAS REPORT

Report of _____ Month _____ 19___

Address _____ _____
Main Office Local or Field Office

Report All Volumes in MCF at 15.025 lbs. and 60°F.

ACQUISITION

Total take. (From total of Sheet (s) #2) _____ MCF

DISPOSITION

Used for	Name of Company - Address	Volume
Fuel System		
Lease Use		
Gas Lift		
Transmission System #1		
" " #2		
Other Disposition:		
Detail		
Total		

REMARKS _____

I hereby certify that this Report is true and complete to the best of my knowledge.

_____ _____
Name of Initial Taker Signature

_____ _____
Address Title

(See Instructions Reverse Side)

Form C-111
(Revised 12-1-55)

INSTRUCTIONS

The address, as required on this report, shall be clear and definite as to Street Number, City and State.

Where gas is taken from an oil and/or gas well by the producer into a fuel or other gas system and used outside the basic lease said producer is required to make this report. In case gas is taken at the well by any person other than the producer then such person is required to make this report.

This report shall be filed as outlined below, on or before the 15th day of each calendar month and shall be complete as to data covering the calendar month next preceding the date of filing. One executed copy shall be filed with the Oil Conservation Commission at Santa Fe, and one executed copy shall be filed with the District Office at Hobbs. One executed copy shall be filed with district office at Aztec when plant is located in District III.

Report the volume of gas taken from each gas well separately, Report the volume of gas taken from oil wells by units.

On sheet #2:

(1) List Pools alphabetically.

(2) List Operators alphabetically, within the pools.

(3) Total each Pool.

(4) Total each company within a Pool.

If any space does not apply fill in the word "NONE".

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-114)
(Revised 7/1/52)
Sheet 1

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of..... Month of..... ....., 19.....

Address..... ....
(Main Office) (Plant)

Report All Volumes in M. C. F. at 15.025 lbs. PSIA at 60° Fahrenheit

INTAKE VOLUME

		Volume MCF
TOTAL GAS FROM OIL WELLS	(Details on Sheet 2)	
TOTAL GAS FROM GAS WELLS	(Details on Sheet 2)	
TOTAL GAS FROM OTHER SOURCES	(Details on Sheet 2)	
TOTAL		

Disposition of Residue

	Volume MCF
Plant Fuel	
Returned for Lease Fuel	
Sold or Other Disposition (Detail Below)	
Returned to Earth	
Vented	
Shrinkage	
TOTAL	

Detail of Sale or Other Disposition of Residue

Name of Purchaser or User	Address	Used For	M C. F.
TOTAL			

Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U. S. Gallons

Product	Opening Stock	Receipts	Production	Deliveries	Closing Stock
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

REMARKS:.....

.....

.....

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator..... .....

....
(Signature) (Title)

(Follow Instructions on Reverse Side)

(Form C-114)
(Revised 7/1/52)

RULE 1118.

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Each operator of a gasoline plant, cycling plant or any other plant at which gasoline, butane, propane, kerosene, oil, or other liquid products are extracted from gas within the State of New Mexico, shall furnish for each calendar month a Gasoline or other Extraction Plant Monthly Report, Form C-114, containing the information indicated by such form respecting gas and products involved in the operation of such plant during each month. Each purchaser of gas shall report monthly the source or sources and amount from each source of gas injected into natural gas storage reservoir together with the gross amount of gas which is withdrawn during the month from natural storage. Such report for each month shall be filed on or before the 15th day of the next succeeding month.

INSTRUCTIONS

The addresses, as required on this report, shall be clear and definite as to Street Number, City and State.

This report, including Sheet 2, shall be made by each Operator of a Gasoline Plant, Cycling Plant, or any other plant, at which gasoline, butane, propane, condensate, kerosene, oil or other liquid products are extracted from natural gas.

This report including Sheet 2, shall be filed in duplicate on or before the 15th day of each calendar month and shall be complete as to data required by such forms covering the calendar month next preceding the date of filing.

Note: Under "Remarks" show the name of the transporter and the quantity delivered to each, except deliveries to trucks which may be reported in total only.

In the preparation of Sheet 2 of this report, group and report by unit the volumes of "Gas From Oil Wells" and the total thereof; group and report by well the volume of "Gas From Gas Wells" and the total thereof; report by each source the volume of "Gas From Other Sources" and the total thereof; and report the total intake Volume from all Sources.

Make a separate report for each plant.

Please use typewriter if possible.

If any space does not apply fill in the word "NONE."

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-111)
(Revised 7/1/52)
Sheet 2

GASOLINE OR OTHER EXTRACTION PLANT MONTHLY REPORT

Report of ..... Month of ....., 19.....

Address ..... (Main Office) ..... (Plant)

Report All Volumes in M. C. F. at 15.025 PSIA at 60° Fahrenheit

DETAIL OF INTAKE VOLUME

Name of Producer	Lease Name	Unit	Location S.	Location T.	Location R.	County	Kind of Well	Well No.	M. C. F. Take

C-112

Form C-112

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of	Address	Month of

Total Stock Beginning of Month	BARRELS

RECEIPTS BY POOLS; BY LEASES – TOTAL EACH POOL (Attach additional sheets if necessary)

DISTRICT	FIELD OR POOL	COUNTY	NAME OF PRODUCER	NAME OF LEASE	BARRELS
				TOTAL	

RECEIPTS FROM OTHER SOURCES (Attach additional sheets if necessary)

RECEIVED FROM	PLACE OF RECEIPT	BARRELS
	TOTAL	
TOTAL RECEIPTS		
STOCK – FIRST OF PERIOD, PLUS RECEIPTS		

DELIVERIES (Attach additional sheets if necessary)

TO WHOM	PLACE OF DELIVERY	BARRELS
	TOTAL	
TOTAL STOCK – END OF MONTH		
Shortage		
Overage		
TOTAL DELIVERIES AND STOCK – Plus Shortage or Plus Overage		

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 612

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Total Stock Beginning of Month.....Barrels

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels
TOTAL				

Receipts From Other Sources

Received From	Place of Receipt	Barrels
TOTAL		
TOTAL RECEIPTS		
STOCK FIRST OF PERIOD PLUS RECEIPTS		

Deliveries

To Whom	Place of Delivery	Barrels
TOTAL DELIVERIES		
TOTAL STOCK END OF MONTH		
SHORTAGE		
OVERAGE		
TOTAL DELIVERIES AND STOCKS PLUS SHORTAGE OR MINUS OVERAGE		

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Transporter or Storer.....

.....
(Signature) (Title)

(Follow Instructions in Reverse Side)

(Form C-112)
(Revised 7/1/52)

INSTRUCTIONS

This report is required of all Transporters of oil and liquid hydrocarbons by pipe line, by water or by truck, and by all Storers of oil and liquid hydrocarbons. In case products are blended with oil, receipts of such products shall be reported, separately.

This report shall be filed in duplicate on or before the 15th day of each calendar month and shall be complete as to data covering the month next preceding the date of filing.

When delivery is made to a transporter show under "To Whom" column the name of transporter and the type of transportation.

Where the space in any section on Sheet 1 is insufficient use Sheet 1-A, Sheet 1-B, Sheet 1-C, or Sheet 2 of Form C-112 and show in the applicable section of Sheet 1 the numbers of sheets of 1-A, 1-B, 1-C or 2 attached and made a part of this report.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-A

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts by Fields, by Leases—Total Each Field

County	Field or Pool	Name of Producer	Name of Lease	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-B

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Receipts From Other Sources

Received From	Place of Receipt	Barrels

(Form C-112)
(Revised 7/1/52)

OIL CONSERVATION COMMISSION
State of New Mexico

Sheet 1-C

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Deliveries

To Whom	Place of Delivery	Barrels

OIL CONSERVATION COMMISSION
State of New Mexico

(Form C-112)
(Revised 7/1/52)

Sheet 2

TRANSPORTER'S AND STORER'S MONTHLY REPORT

Report of..... Month of....., 19.....

Address.....
(Street) (City) (State)

Detail Statement of Stock on Hand at End of Month (Including Stocks in Transit)

Location	Number of Tanks	Total Capacity	Net Barrels	Location	Number of Tanks	Total Capacity	Net Barrels

Ex 1-L

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-116

GAS – OIL RATIO TESTS

Operator	Pool	County
Address	TYPE OF TEST – (X)	Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	PRESSURES Tbg.	CSG. BEGINNING	CSG. END	SEPARATOR	SEPARATOR TEMP. °F	DAILY ALLOWABLE	LENGTH OF TEST HRS.	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS MCF	GAS-OIL RATIO CU. FT./BBL.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-L
CASE NO. 3028

UT2

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

C-116 PROPOSED

Form C- 116
Revised (12/1/55)

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR..... POOL.....

ADDRESS..... MONTH OF....., 19.....

SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST.....(Check One)

(See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date.....

.....
Company

By.....

.....
Title

Ex 1-M

C-119

Form C-119

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Month

Operator

Plant Name | Process

County | Field

Date | Rated Capacity – MCF Gas Daily | Permit No. | Sulphur Content GR. PER 100 CU. FT. | Recovery/MCF LBS.

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

BEFORE EXAMINER ~~SHUTTER~~ UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-M
CASE NO. 3027

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

(Form C-119)
(Revised 7/1/58)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

CARBON BLACK PLANT MONTHLY REPORT

Company..... Plant Location.....

Month.....

Type of Plant (Channel or furnace).....

ACQUISITION	M. C. F. Gas
From gasoline or other extraction plants:	
Total from plants	
From leases:	
Total from leases	
	M. C. F.
Total M. C. F. take	

CARBON BLACK

Grade:	Opening Stock	Production	Deliveries	Closing Stock
Rubber (lbs.)				
Ink (lbs.)				
Other (lbs.)				
TOTAL				

I hereby certify that this report is true and complete to the best of my knowledge.

Company.....

By:.....

1 x 1 - N
C 121-A
Form C-121-A
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION
PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

BEFORE EXAMINER UTZ ~~NUTTER~~
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 2-N
CASE NO. 3023

_____ _____ _____
(Signature) *(Title)* *Date)*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column only.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, the preliminary nomination, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you wish to make.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month during which the nominations are to be considered at public hearing.*

NEW MEXICO
OIL CONSERVATION COMMISSION
BOX 871
Santa Fe, New Mexico

Form C-121-A

GAS PURCHASER'S PRELIMINARY NOMINATION

Acting in accordance with the request of the New Mexico Oil Conservation Commission, that Gas Purchase Nominations be submitted not later than five days prior to said Commission's proration hearing on nominations for proration period beginning _____, for the_____gas pool.
The undersigned purchaser's nomination is as follows:

(Cross out months that do not apply)

January_____MCF
February_____MCF
March_____MCF
April_____MCF
May_____MCF
June_____MCF
July_____MCF
August_____MCF
September_____MCF
October_____MCF
November_____MCF
December_____MCF

Dated this_____day of _____ 19_____

_____
Name of Purchasing Company

_____
Address

BY: _____
Name of Agent

(Submit in duplicate to above address)

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

BEFORE EXAMINER ~~NUTTER~~ UTE
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1-D
CASE NO. 5025

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE ~~1109 (b)~~ 1104		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

(Secretary)

(Title) (Date)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME

TITLE

DATE

Form C-126

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

PERMIT FOR TRANSPORTING RECOVERED LOAD OIL

(This form is to be used only when the load oil was obtained from a source other than the lease on which it was used.)

_____
Company & Address

_____
Date

Permission is hereby requested for the running of _____ bbls of load oil

by _____. This oil was recovered from our _____
Transporter Lease

_____ _____ _____ on
Well No. S - T - R Pool

_____, after being used for _____
Date

_____

Source of Load Oil (Fill in appropriate spaces below)

_____ bbls of oil were transferred for this purpose from the

_____ _____ and the transfer was report-
Lease Pool
ed by letter to the Commission dated _____ in compliance with Rule 1109 (b).

_____ bbls of oil were obtained for this purpose from _____

_____ _____
Source

on _____.

Approved: Oil Conservation Commission

_____

_____ _____
Title Date

I hereby certify that the information given above is true and complete to the best of my knowledge.

_____
Name

_____
Position

_____
Address

Form C-127
~~(Revised 12-1-55)~~

Ex 1P

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

~~OIL PRODUCERS NOMINATION~~

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____ 19_____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

BEFORE EXAMINER ~~NUTTER~~ UTZ
OIL CONSERVATION COMMISSION
UTZ EXHIBIT NO. 1-P
CASE NO. 3028

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing_____ Signed_____

_____ Title_____
Operator

Form C-127
(Revised 12-1-55)

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OIL PRODUCERS NOMINATION

REQUEST FOR ALLOWABLE CHANGES

(One copy of Form C-127 shall be filed with the Oil Conservation Commission, Box 2045 Hobbs, New Mexico not later than the 15th of the month preceding the month for which allowable changes are requested. This form shall include only the wells for which allowable changes are desired.)

Date_____

The following allowable changes for the month of_____19_____

are hereby requested by_____
Operator

_____
Address

(No well can be assigned an allowable greater than the amount of oil produced on the latest G. O. R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.)

POOL	LEASE	Well No.	Unit	S	T	R	Allowable Requested	REMARKS

It is further requested that all other wells operated by this producer be assigned the allowables that they are currently receiving, with the exception that top allowable wells and wells affected by excessive gas-oil ratios be given the benefit of any increase in normal unit allowable.

Representing _____ Signed_____

_____ Title_____
Operator

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HRS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1-D
CASE NO. 3028

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

COMPANY _____ BOTTOM HOLE PRESSURES _____ POOL

POOL DATUM _____ NOMINAL SHUT-IN TIME _____ HRS: AVERAGE POOL TEMPERATURE _____ °F

LEASE	WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBG.	B.H.P. @ GAUGE DEPTH	B.H.P. @ POOL DATUM	PREVIOUS TEST @ DATUM PRESS.	DATE

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____, being of legal age and having full
Name of party making report

knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of

_____, that on _____, 19___

I personally supervised the setting of a _____
Make & type of packer

in _____ _____.
Operator of well *Lease name*

Well no. _____ located in the _____ field,

_____ county, state of _____, at a subsurface depth of

_____ feet, said depth measurement having been furnished me by

_____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Signature)

_____
(Title)

_____
(Date)

41

ON

N.M.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF_____)
)ss
County of_____)

_____, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by_____in the capacity of_____and as such is its authorized agent.

That on_____, 19____, he personally supervised the setting of a_____in_____'s
(Make and Type of Packer) (Operator)
_____Well No._____, located in Unit
(lease)
Letter_____, Section_____, Township_____, Range_____, NMPM,
_____County, New Mexico.

That said packer was set at a subsurface depth of _____feet, said depth measurement having been furnished by_____.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____
(Company)

_____
(its Agent)

Subscribed and sworn to before me this the_____day of_____, AD, 19_____.

_____
Notary Public in and for the County of_____.

My Commission Expires_____.

C-113

Form C-113

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Month of

Report of

Address

Kind	Stock On Hand Beginning Of Month	Receipts (DETAIL BELOW)	Runs To Stills Re-Runs &/ Blended	Products Manufactured	Deliveries (DETAIL ON SHEET NO. 2)	Plant Use And Losses	Stock On Hand End Of Month
Crude Oil							
Casinghead Gasoline							
Gasoline							
Kerosene							
Gas Oil							
Fuel Oil							
Lubricating Oil							
Refinery Districts							
Cracking Stock							
Other Products							
Processing Losses							

DETAIL STATEMENT OF REFINERY RECEIPTS OF PETROLEUM AND PETROLEUM PRODUCTS IN BARRELS OF 42 U.S. GALLONS

(Attach additional sheets if necessary)

TRANSPORTER FROM WHOM RECEIVED	STATE OR COUNTY OF ORIGIN	PETROLEUM	CASINGHEAD GASOLINE	KEROSENE	STOCK FOR CRACKING	OTHER	
						BARRELS	KIND
TOTAL							

GRAND TOTAL ALL RECEIPTS BARRELS

I hereby certify that this report is true and complete to the best of my knowledge and belief

(Date)

(Signature)

(Title)

Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

S INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

EPTH OF BOTTOM OF DEEPEST RESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

NTICIPATED DAILY JECTION VOLUME BLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

SWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, OCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

ME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

ST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

AVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER

ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if applicant so requests. SEE RULE 701.

Exhibit 8
Order No. R-2761

C-108

Form ~~C-130-A~~

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	FIELD	COUNTY

LOCATION

UNIT LETTER _____ ; WELL IS LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE

LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION

IS INJECTION THROUGH TUBING, CASING OR ANNULUS?	PERFORATIONS OR OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA

ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature) *(Title)* *(Date)*

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests.

Form C-111
Supersedes C-111 and C-114

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

Operator	Month	Year
Address	Plant	

REPORT ALL VOLUMES IN MCF AT 15.025 LBS. AND 60° F

SECTION I – Intake Volume

	VOLUME – MCF
Total Gas from Oil Wells *(Detail on Sheet 2)*	
Total Gas from Gas Wells *(Detail on Sheet 2)*	
Total Gas from Other Sources *(Detail on Sheet 2)*	
Sub-total	
Total Volume of Gas Not Processed Through a Plant *(Detail on Sheet 2)*	
TOTAL	

SECTION II – Disposition

	VOLUME – MCF
Fuel	
Lease Use	
Returned to Earth	
Vented	
Gas Lift	
Shrinkage	
Sold or Other Disposition *(Detail Below)*	
TOTAL	

SECTION III – Plant Production, Receipts, Deliveries and Stock in Barrels of 42 U.S. Gallons

PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
Oil					
Condensate					
Gasoline					
Butane					
Propane					
Kerosene					
Other					
TOTAL					

SECTION IV – Detail of Sale or Other Disposition (Attach additional sheets if necessary)

NAME OF PURCHASER OR USER	ADDRESS	USED FOR	VOLUME – MCF

Remarks:

CERTIFICATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form ~~C-108~~
Sheet No. 2 C-111

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

GAS PURCHASERS MONTHLY REPORT

ACQUISITION

(Transfer Total Take To Sheet No. 1)

Report of	Date

DETAIL OF TAKE (Total Each Pool)								
PRODUCER	LEASE	WELL NO.	U.L.	S	T	R	KIND OF WELL	VOLUME

Form C-113
Sheet No. 2

PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

REFINER'S MONTHLY REPORT

Report of	Address	Month of

Detail Statement of Refinery Deliveries of Petroleum and Petroleum Products

(Barrels of 42 U.S. Gallons)

TRANSPORTER	HOW TRANSPORTED	DESTINATION (State or County)	COMMODITY	BARRELS

Monthly

C-119
Form C-119
PROPOSED

NEW MEXICO OIL CONSERVATION COMMISSION

CARBON BLACK PLANT REPORT

Operator		Process		Month
Plant Name		Field		
County		Permit No.	Sulphur Content GR. PER 100 CU. FT.	Recovery/MCF LBS.
Date	Rated Capacity – MCF Gas Daily			

SOURCE OF GAS SUPPLY

	PRODUCER OR EXTRACTION PLANT	FIELD	KIND OF GAS	MTHLY. VOL. MCF
1.				
2.				
3.				
4.				
5.				
TOTAL				
Estimated Average BTU				

DISPOSITION OF GAS

1.	Camp Uses	
2.	Plant Fuel Other than Carbon Black Manufacture	
3.	Carbon Black Manufacture *(include furnace fuel in Furnace Plants)*	
4.	Other *(Detail)*	
TOTAL		

CARBON BLACK PRODUCTION IN POUNDS

	TYPE	GRADE	OPEN'G. STOCK	PRODUCTION	DELIVERIES	CLOS'G. STOCK	
1.							
2.							
3.							
4.							
TOTAL							

Note: All volumes must be corrected to a pressure of 15.025 psia and to a temperature of 60 °F

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Date)

(Signature)

(Title)

Form C-121-A

NEW MEXICO OIL CONSERVATION COMMISSION

PURCHASER'S GAS NOMINATIONS

Company	Address

In accordance with the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico, the above named company herewith submits it's nominations for the purchase of gas from the _____ Pool for the month(s) shown below:

MONTH	YEAR	PRELIMINARY NOMINATION, MCF	SUPPLEMENTAL NOMINATION, MCF
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
January			

NOTE: *All Volumes are to be MCF at 15.025 psia and 60° F.*

_____ *(Signature)* _____ *(Title)* *Date*

INSTRUCTIONS:

1. *When making six-months preliminary nominations, fill in the appropriate months in the preliminary column.*
2. *When making a supplemental nomination, whether anticipated demand is the same as, or higher or lower than, fill in the preliminary nomination previously made for that month as well as the supplemental nomination which you are now making.*
3. *This form must be filed with the Santa Fe office of the Commission by the first day of the month preceding the month in which it is to be considered at public hearing.*

TYPE OF REPORT – (X)	
Initial Completion	
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124

RESERVOIR PRESSURE REPORT

Operator	Pool			County	Date
Address	Producing Formation	Oil Gradient psi/ft.	Water Gradient psi/ft.	Gas Gravity	Datum Plane

LEASE	WELL NO.	LOCATION U	S	T	R	ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN * HOURS	SHUT-IN TBG. PRESS.	BOMB TEST DATA: TEST DEPTH	B.H. TEMP. °F	OBSERVED PRESS.	SONIC INSTRUMENT TEST DATA: PROD. TEST (BBLS./DAY) OIL	WATER	FLUID LEVEL	FLUID GRADIENT PSI/FT.	WT. OF FLUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated with dead weight tester, both before and after test; gas gravity shall be determined by analysis; fluid level shall be feet above datum plane.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Title) (Date)

C-124 (REVISED)

PROPOSAL

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER SETTING REPORT

I, _____ (*Name of party making report*), being of lawful age and having full knowledge of the facts hereinbelow set out do state:

That I am employed by _____ in the capacity of _____, that on _____, 19___ I personally supervised the setting of a _____ (*Make & type of packer*) in _____ (*Operator of well*), _____ (*Lease name*), Well no. _____ located in the _____ field, _____ county, state of _____, at a subsurface depth of _____ feet, said depth measurement having been furnished me by _____;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

_____ (Name)

_____ (Title)

_____ (Date)

PROPOSED
FORM C-128

NEW MEXICO OIL CONSERVATION COMMISSION

PERMIT TO TRANSPORT RECOVERED LOAD OIL

NOTE
REQUIRED ONLY WHEN LOAD OIL WAS OBTAINED FROM A SOURCE OTHER THAN LEASE ON WHICH USED.

RECOVERED LOAD OIL

OPERATOR		ADDRESS	
LEASE NAME	WELL NO.	POOL	COUNTY
LOCATION		TRANSPORTER	

BBLS. LOAD OIL RECOVERED

SOURCE OF LOAD OIL

PURCHASED OIL

BARRELS PURCHASED	DATE PURCHASED
PURCHASED FROM	ADDRESS

OIL TRANSFERRED FROM ANOTHER LEASE OR POOL

BARRELS TRANSFERRED	POOL FROM WHICH TRANSFERRED	LEASE FROM WHICH TRANSFERRED
DATE OF LETTER OF NOTIFICATION OF TRANSFER IN COMPLIANCE WITH RULE 1109 (B)		

APPROVED: NEW MEXICO OIL CONSERVATION COMMISSION

_____
(Signature)

_____ _____
(Title) *(Date)*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NAME _____

TITLE _____

DATE _____

▼ NEW MEXICO OIL CONSERVATION COMMISSION

P.O. Box 871, Santa Fe, New Mexico

PURCHASER'S AND OPERATOR'S MONTHLY REPORT

Proposed Form C-111 and C-115.
Submit: Original and 1 Copy to Santa Fe
1 Copy to District Office
1 Copy to Hobbs District Office

El Paso Natural Gas Company (Transmission Company) P.O. Box 1492, El Paso, Texas 79999 (Address) (Date) (Plant) (Page)

METER CODE	TYPE LEASE	LOCATION UNIT	LOCATION SEC	LOCATION TWP	LOCATION RGE	POOL / OPERATOR / WELL NAME	TYPE CD	GAS PRODUCED MCF	DAYS PROD	OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	OIL CD	BARRELS OF WATER PRODUCED	DISPOSITION OF GAS SOLD MCF	DISPOSITION OF GAS PURCHASER	DISPOSITION OF GAS OTHER MCF	DISPOSITION OF GAS CODE	BEGINNING NET ALLOWABLE	REMARKS

SAMPLE COPY OF PROPOSED FORM CASE 3027 ACTUAL SIZE 11" X 15"

TYPE LEASE CODE
0- Unknown
1- Fee
2- Federal
3- Indian
4- State
5- Comm.
6- Unitized

TYPE CODE
G- Gas Well High Pressure
O- Oil Well
L- Gas Well Low Pressure
H- High Pressure Well Associated with Low Pressure Sys
N- New Well
P- Not processed through P&T

OIL DISPOSITION CODE
C- Circulating Oil
L- Lost
S- Sedimentation (B.S.&W.)
E- Explanation Attached
T- Trucks
P- Pipeline

'OTHER' GAS DISPOSITION CODE
X- Use Off Lease
D- Used For Drilling
L- Lost (MCF Estimated)
E- Explanation Attached
R- Repressuring or Pressure Maintenance
G- Gas Lift
V- Vented
U- Used On Lease

C-105

Form C-105

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

2. Name of Operator

8. Farm or Lease Name

3. Address of Operator

9. Well No.

4. Location of Well

10. Field and Pool, or Wildcat

UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM

12. County

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. *(Ready to Prod.)*	18. Elevations *(DF, RKB, RT, GR, etc.)*	19. Elev. Cashinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record *(Interval, size and number)*

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API *(Corr.)*

34. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Test Witnessed By

35. List of Attachments

36. *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

SIGNED _____ TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1108.

PLEASES INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo
T. Salt	T. Strawn	T. Kirtland-Fruitland
B. Salt	T. Atoka	T. Pictured Cliffs
T. Yates	T. Miss	T. Cliff House
T. 7 Rivers	T. Devonian	T. Menefee
T. Queen	T. Silurian	T. Point Lookout
T. Grayburg	T. Montoya	T. Mancos
T. San Andres	T. Simpson	T. Gallup
T. Glorieta	T. McKee	Base Greenhorn
T. Paddock	T. Ellenburger	T. Dakota
T. Blinebry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Todilto
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T.	T. Chinle
T. Penn.	T.	T. Permian
T. Cisco (Bough C)	T.	T. Penn.
		T. Granite

FORMATION RECORD *(Attach additional sheets if necessary)*

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

Memo

From

JOE D. RAMEY
SUPERVISOR & PRORATION MANAGER

To Mr Utz:

Elvis,

The attached has considerably more information than we deem necessary. If we have a choice, we'll suggest retaining our present Form.

J.D.R

EXTRA COPIES OF PAN AM [illegible] USA

[illegible]

Memo

From IDA RODRIGUEZ

To

PAN AM EXHIBITS IN CASE 3029

1 to 4 and 6 to 16

ALSO PAN AM's EXHIBITS AA
(Abstract of Title)

ABSTRACT OF TITLE

No. 16781

From the Records of the Offices of the Commissioner of Public Lands of the State of New Mexico, affecting the Oil and Gas Mineral Rights to the following described lands under the Lease B-2386.

	Section	Township	Range
SE¼	17	20 S.	30 E., N.M.P.M.

EDDY COUNTY, NEW MEXICO

Prepared for

PAN AMERICAN PETROLEUM CORPORATION

Prepared by

FEDERAL ABSTRACT COMPANY

(No Stockholders' Liability)

Santa Fe, New Mexico

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Pan Am Exhibit No. AA
Case No. 3029

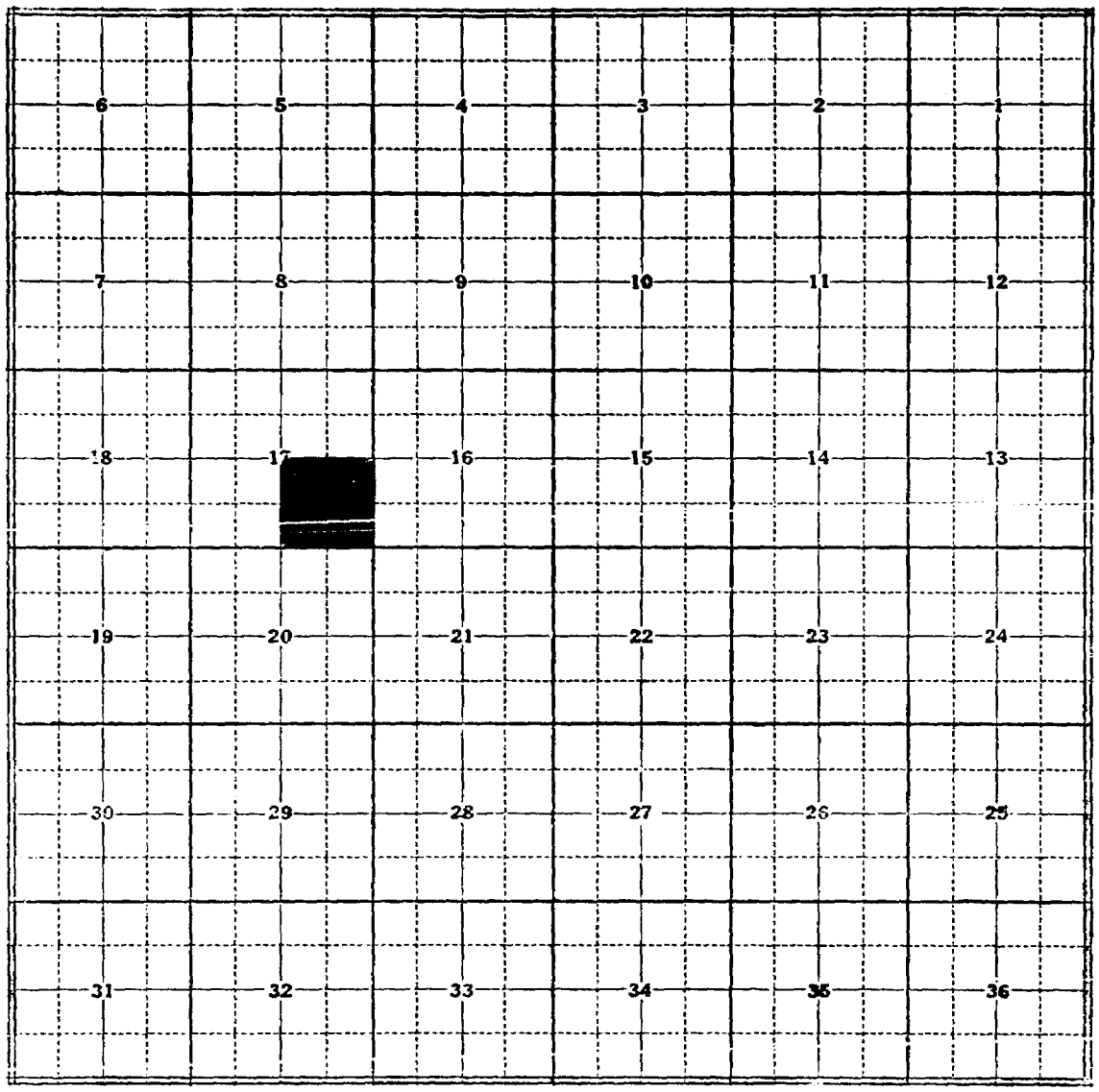
I N D E X

PAGE	DESCRIPTION
1	Caption
2	Index
3	Unofficial Plat
4	Statement as to the States Title
4	Statement as to the Surface Rights
5	Statement as to the United States Land and Survey Office Records
6 thru 14	Potash Mining Lease M-873
15	Assignment of State Potash Mining Lease
16,17,18	Amendment to Potash Mining Lease
19,20	Amendment to Potash Mining Lease
21,22	Statement as to the Prior Oil & Gas Leases
23	Certificate of Posting
24,25	Notice of Sale
26	Transfer Page
27,28	Application for Oil & Gas Lease
29,30,31	Oil and Gas Lease B-2386
32	Transfer Page
33,34	Assignment of Oil & Gas Lease
35	Notice of Intention to Drill
36	Notice of Intention to Drill
37,38	Division Order
39	Memo.
40	Transfer Page
41,42	Assignment of Oil & Gas Lease
43	Letter dated 11/20/1963
44	Letter dated 2/7/1964
45	Abstracters Certificate No. 16781.

***** * *****

Township No. 20 South *Range No.* 30 East *N. M. P. M.*

EDDY COUNTY, NEW MEXICO



STATES TITLE

The State of New Mexico acquired title to the land described in the Caption hereof, under Lieu Clear List No. 10, approved August 5, 1910 by the Secretary of the Department of the Interior, and certified August 19, 1910, by S.V. Proudfit, Assistant Commissioner of the General Land Office, Washington, D.C. This list contains no notations of any mineral reservations by the United States Government.

***** * *****

SURFACE RIGHTS

The State of New Mexico issued Patent No. 2026 to Potash Company of America, Carlsbad, New Mexico. This patent, which is dated February 16, 1949, contains among other lands the N½SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M. The State of New Mexico reserved all Minerals including the Oil and Gas Mineral Rights.

Grazing Lease GL-176 was issued to W.M. Snyder, Lovington, New Mexico. This grazing lease, which expires October 1, 1968, contains among other lands the S½SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M.

Power Line R/W-M-3605 was granted to Southwestern Public Service Company, Roswell, New Mexico. This right-of-way, which is dated December 7, 1951, crosses among other lands the SW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M.

Power Line R/W-M-11239 was granted to Southwestern Public Service Company, Roswell, New Mexico. This right-of-way, which is dated February 21, 1955, crosses among other lands the S½SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M.

***** * *****

UNITED STATES LAND AND SURVEY OFFICE RECORDS

The Historical Index Records in the United States Land and Survey Office at Santa Fe, New Mexico, pertaining to the land described in the Caption hereof, contains the entry "IL 10 8/5/1910." The Oil and Gas Plat contains the entry "IL 10." The Official Survey Plat, T. 20 S. - R. 30 E., N.M.P.M., was filed of record May 25, 1904.

***** * *****

Lease No. M-873 Application No. M-873

POTASH MINING LEASE

(Under Act Approved March 12, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 24th day of April, 1939, by and between the State of New Mexico acting in this behalf by FRANK WORDEN, its Commissioner of Public Lands, party of the first part and hereinafter called the Lessor, and HOMER H. HARRIS of the City and County of Denver, State of Colorado, party of the second part and hereinafter called the Lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and hereinafter referred to as the Act, all of the provisions of said statute being hereby made a part hereof.

W I T N E S S E T H:

SECTION 1. THAT WHEREAS, the said Lessee has filed in the State Land Office an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Nine Hundred Sixty-four & No/100 ($964.00)----------Dollars as the first annual rental thereon, together with the sum of $5.00 application fee, evidenced by official receipt No. _____.

NOW, THEREFORE, in consideration of the said above tender, receipt whereof is hereby confessed and

acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the Lessor does hereby grant, demise, lease and let to the Lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows, to-wit:

Subdivision.	Sec.	Twp.	Rge.	Acres.
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	36	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	36	20S	28E	640
All of	32	19S	31E	640
All of	36	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

containing 9,639.20 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment thereof, including the right to drill,

maintain and operate water wells on said lands and to produce and use the water therefrom; provided, that this lease shall extend only to and include any right or interest in the lands or the minerals therein reserved to the State of New Mexico under contract of purchase or deed heretofore or hereafter issued with a reservation of the minerals therein to said State.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the Lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continus such drilling with reasonable diligence until a depth of 1600 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Lessor by the Lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Lessor in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this

lease, a minor fraction of such a section to be disregarded and a major fraction to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that where conditions existent on the lands may justify, exploratory work other than by the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the Lessee.

(c) To pay to the Lessor annually in-advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payment shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Lessor a royalty of five per cent of the value of the minerals produced hereunder, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; all such royalty provided for herein expressly reserved to the Lessor as provided by statute.

(e) Rentals and royalties due the State shall constitute a first lien on any and all improvements on the land leased, prior and superior to any other lien or encumbrance whatsoever whether created with or without notice of the lien for rental or royalties due or to become due.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the Lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Lessor or his duly authorized agent of all books and accounts of the Lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the Lessee shall be deemed and taken as sufficient ground for cancellation of this lease.

(g) To furnish the Lessor annually a map showing all prospecting and development work

on the leased lands and other related information, together with a report showing all buildings, structures and workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by Lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Lessor or his duly authorized agent and by other duly constituted state authority.

(i) To deliver to the Lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the Lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises if free from a state lien; and all such property shall become the property of the Lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Lessor.

(j) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the Lessee.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits therein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Lessor.

(m) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the Lessor and the Lessee further agrees to furnish the Lessor promptly copies of any and all analysis made by or for the Lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Lessor.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the Lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as Lessee's operations shall continue under the terms hereof.

SECTION 3. The Lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands hereby issued as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purpose of this lease, and the right to dispose of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or required for use of the Lessee in extracting and removing the potash and other mineral deposits therein contained. And the Lessor further expressly reserves the right to lease the said lands for minerals other than those described in Section 1 hereof, but the working of said lands under such lease, for such other minerals shall not be permitted where such operations will prevent or materially interefere with the operations of the Lessee hereunder.

SECTION 4. The Lessee may at any time, by paying to the Lessor all amounts then due the Lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the Lessee shall have been paid and that a satisfactory showing is made to the Lessor that all creditors or others having an interest in or lien or claim against the Lessee are fairly and equitably protected, but in no case shall such termination be effective until the Lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the Lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the Lessor, Lessee or any assignee to enforce this lease or any of its terms, expressed or implied.

SECTION 5. If the Lessee shall fail to comply with the provisions of this lease or make default in the performance or observance of any of the terms, covenants and stipulations herein, and such default shall continue for thirty days after service of written notice thereof by the Lessor, then the Lessor may and he is hereby ex-

pressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occuring at any time in the future.

SECTION 6. It is expressly understood and agreed that all of the obligations, covenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereto.

IN WITNESS WHEREOF, The party of the first part has hereunto signed and causedits name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the Lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

By Frank Worden
Commissioner of Public Lands.

Lawrence Harris

STATE OF NEW MEXICO)
: SS.
COUNTY OF _____)

Upon this _____ day of _____, 1939, personally appeared before me FRANK WORDEN, to me known to be the person described therein and who executed the above

and foregoing instrument, and acknowledged that he executed the same as Commissioner of Public Lands of the State of New Mexico as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires _____.

_____
Notary Public.

STATE OF COLORADO)
CITY AND :
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me HOMER H. HARRIS, to me known to be the person described therein and who executed the above and foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 15, 1942.

Louise Hatfield
Notary Public.

MINING
ASSIGNMENT OF STATE POTASH / LEASE

KNOW ALL MEN BY THESE PRESENTS:

THAT Homer H. Harris and Georgine Harris, his wife for and in consideration of the sum of One Dollar($1.00) in hand paid, the receipt of which is hereby acknowledged and for other good and valuable considerations, do hereby sell, assign, transfer and set over unto Potash Company of America, hereinafter called the Assignee, that certain Potash Mining Lease made and executed by the State of New Mexico, through its Commissioner of Public Lands as Lessor, unto Homer H. Harris as Lessee, bearing the date of April 24, 1939 ~~xxxxx~~ together with amendments dated Feb. 6, 1940 & May 27, 1949, being designated as Potash mining lease No. M-873 ~~xxxxxxxxxxxxxxxxxx~~ and embracing the lands more particularly described as follows:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	36	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	36	20S	28E	640
All of	32	19S	31E	640
All of	36	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

containing 9,639.20 acres, more or less.

AMENDMENT TO

POTASH MINING LEASE NO. M-873

THIS AGREEMENT made and entered into in duplicate this 19th day of March, 1954, by and between the State of New Mexico, through its Commissioner of Public Lands, E. S. Walker, referred to herein as the lessor, and Potash Company of America, referred to herein as the lessee, witnesseth:

WHEREAS, lessee is the holder of Potash Mining Lease No. M-873, as amended, issued to Homer H. Harris on April 24, 1939, and assigned by him to lessee, and

WHEREAS, lessee must project its mining plans many years into the future and must take steps either to concentrate its activities on lands held under lease from the State of New Mexico or on lands held under lease from the Government of the United States, and

WHEREAS, it is in the best interests of the State of New Mexico for lessee to remove ore from state lands incorporated in its operations as expeditiously as possible in order to take advantage of current favorable market conditions, and

WHEREAS, it is understood that the operations of lessee are jointly conducted on state, federal and private lands and haulageways and airways must be maintained until the mine is fully depleted, and

WHEREAS, for the purpose of effectuating the greatest eventual extraction of ore and minerals from the premises leased from the State of New Mexico, it has been determined that a change in lease conditions is advisable in the interest of conservation and to take advantage of improved operating procedure, through use of new mining equipment, methods and developments.

NOW, THEREFORE, it is mutually understood and agreed by and between the parties hereto that, in consideration of the conditions hereinafter set out, said Potash Mining Lease No. M-873, as amended, is hereby

further amended as follows:

(a) Lessee, commencing with the current lease year which began April 24, 1953, agrees to enter upon and mine continuously from the state lands contiguous to its present mining operations with a view to removing all mineable ore as expeditiously as possible, but in no event to take less than 200,000 tons annually from such lands until the mineable ore is completely exhausted, royalty on such ore to be at the rate prescribed in said lease.

(b) The term "mineable ore" as used herein is construed to mean the ore which, following standard mining practices, can be secured without endangering the safety or mineability of the balance of the mine workings and does not include the removal of pillars which is referred to below.

(c) In consideration of the fact that all mineable ore is removed without cessation, the lease conditions will hereafter provide that lessee will be permitted to hold the lands under the lease upon payment of the annual rental provided for so that haulageways and airways will be available; further, than whenever it is practicable so to do, and lessee removes ore from any of the protective pillars, the ore so removed shall bear the standard rate of royalty provided for in the lease, and such royalty shall be in addition to the rentals therein provided.

(d) The term for which lessee may hold the lands as provided in (c) above shall be limited to the number of years which is the quotient obtained by dividing the actual tons or ore mined after April 24, 1953 by 200,000 tons, unless future developments make it advisable to extend this period to permit removal of pillars; in the latter eventuality, conditions

of further operation shall be mutually agreed upon by the parties hereto, and any necessary modifications shall be incorporated in the lease.

The modifications herein contained shall in no manner affect other lease terms with respect to rentals to be paid, or reports to be rendered, or any terms and conditions, other than annual tonnage requirements, contained in said lease.

In witness whereof the parties hereto have caused this instrument to be executed this 19th day of March, 1954.

STATE OF NEW MEXICO, LESSOR

By E. S. Walker
Commissioner of Public Lands

POTASH COMPANY OF AMERICA, LESSEE

By
Vice-President

ATTEST:

Assistant Secretary

AMENDMENT TO STATE OF NEW MEXICO
POTASH MINING LEASE NO. M-873

It is agreed by the parties hereto that in order to make possible the likelihood of greatest eventual extraction of ore and minerals from the leased premises and for other valuable considerations, Paragraph (d) of Section 2 of Potash Mining Lease No. M-873, dated April 24, 1939 issued to Homer H. Harris and assigned by him on August 7, 1952 to Potash Company of America is hereby amended to read as follows:

> "(d) (1) To pay to the Lessor a royalty of five per cent of the value of the minerals produced hereunder, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; all such royalty provided for herein expressly reserved to the Lessor as provided by statute."
>
> (2) Commencing with the lease year beginning on April 24, 1952, the lessee, or his or its operating assigns, shall mine and pay the prescribed royalty on a minimum of one hundred fifty thousand (150,000) tons of ore annually as a requisite of compliance with the lease provisions.
>
> (3) If, in the interest of conservation and improved operating procedure, lessee should find it advisable or desirable to increase its production of ore from lands held under this lease to a tonnage in excess of 150,000 tons annually, lessee shall thereupon, for each year such excess occurs, be credited with forward validation of and conformity with the production requirements of this lease for the number of years which is the ~~product~~ quotient obtained by dividing the actual tons of ore production by 150,000.
>
> (4) As long as a credit of years exists with reference to production, as provided for in sub-paragraph (3) above, lessee may thereupon in any year produce less than the required minimum of 150,000 tons ore annually or may abstain from production entirely if found necessary or desirable and such reduced production shall not be considered a violation of the production requirements of this lease; provided, however, that whenever such credit of years has been offset all terms and conditions of the lease with respect to production shall again become fully operative.

must be equal or greater

(5) The modifications incorporated in sub-paragraphs (3) and (4) above shall in no manner affect other portions of the lease terms with respect to rentals to be paid or reports to be rendered.

(6) The modifications of production procedure set forth in sub-paragraphs (d) (3), (4) and (5) shall be effective for all years commencing with April 24, 1953.

All other terms and conditions of the lease shall remain unchanged.

IN WITNESS WHEREOF, the parties have caused this instrument to be executed as of the 4th day of February, 1954.

STATE OF NEW MEXICO, Lessor

By_____
Commissioner of Public Lands

ATTEST:

_____
Assistant Secretary

POTASH COMPANY OF AMERICA, Lessee

By_____
Vice President

STATE OF NEW MEXICO)
) ss
COUNTY OF EDDY)

On this 4th day of February, 1954, before me personally appeared F. O. Davis, to me personally known, who, being by me duly sworn, did say that he is the Vice President of Potash Company of America, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation, by authority of its Board of Directors, and the said F. O. Davis acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires February 24, 1956.

_____
Notary Public

The following is a brief outline of the prior oil and gas leases, which contained the land as described in the Caption hereof, merely showing that they were issued and why they are no longer active:

SE¼, Section 17, T. 20 S. - R. 30 E.

271 was issued to Fred S. Brown, Roy, New Mexico, April 28, 1919. Assigned to No. 1.

271-1 was assigned to Northeastern New Mexico Oil Company, no address shown. Assigned to No. 18.

271-18 was assigned to Frank Thompson, no address shown. Notice of payment due was sent March 31, 1921. Assignment was cancelled September 7, 1921, for non-payment of rentals.

821 was issued to C.L. Tallmadge, Jr., Trustee, Socorro, New Mexico, June 18, 1923. Assigned to No. 2.

821-2 was assigned to R.M. Calkins, Railway Exchange Building, Chicago, Illinois. Notice of payment due was sent May 20, 1924. Assignment was cancelled July 21, 1924, for non-payment of rentals.

1039 was issued to Edgar B. Gardner, Santa Fe, New Mexico, July 21, 1924. Assigned to No. 1, as to the NW¼SE¼, SE¼SE¼, Section 17, and assigned to No. 4, as to the NE¼SE¼, SW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M.

1039-1 was assigned to Harlan E. Smith, 900 Sun Building, Los Angeles, California. Notice of payment due was sent June 26, 1925. Assignment was cancelled August 22, 1925, for non-payment of rentals, as to the NW¼SE¼, SE¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M.

1039-4 was assigned to W.E. Ross and C.P. Pardue, Lovington, New Mexico. Assigned to No. 8.

1039-8 was assigned to Marland Oil Company of Colorado, Denver, Colorado. Relinquished September 25, 1928, by release signed Marland Oil Company, by J.R. McGinley, Vice-President, and attested by J.W. Frazier, Assistant Secretary, September 14, 1928, before a Notary Public.

A-88 was issued to Mary Ryan, Santa Fe, New Mexico, September 28, 1926, as to the NW¼SE¼,SE¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M. Assigned to No. 2.

A-88-2 was assigned to Marland Oil Company, 1020 Patterson Building, Denver, Colorado. Relinquished September 25, 1928, by release signed Marland Oil Company, by J.R. McGinley, Vice-President, and attested by J.W. Frazier, Assistant Secretary, September 14, 1928, before a Notary Public.

A-1144 was issued to Marland Production Company, Ponca City, Oklahoma, September 28, 1928. Assigned to No. 1.

A-1144-1 was assigned to Continental Oil Company, Ponca City, Oklahoma. Relinquished September 19, 1932, by release signed Continental Oil Company, by W.W. Bruce, Vice-President and attested by A.C. Frazier, Assistant Secretary, September 12, 1932, before a Notary Public.

***** * *****

OFFICE OF THE COMMISSIONER OF PUBLIC LANDS

Santa Fe, New Mexico

CERTIFICATE OF POSTING NOTICE OF SALE

OIL AND GAS LEASES

I, Frank Vesely, Commissioner of Public Lands of the State of New Mexico, do hereby certify that a Notice of Sale of Oil and Gas Leases, a true copy of which notice is attached hereto, was duly posted in a conspicuous place in the State Land Office on the 27th day of December 1933, and that said Notice as posted remained posted continuously from said date until January 10, 1934.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this the 11th day of January 1934.

(SEAL)

(Signed) Frank Vesely
Frank Vesely
Commissioner of Public Lands

C... OF COMMISSIONER OF PUBLIC LANDS

SANTA FE, NEW MEXICO

NOTICE OF SALE OF OIL AND GAS LEASES

Public notice is hereby given that pursuant to the provisions of an Act of the Legislature of New Mexico approved March 19, 1931, and the rules and regulations of the State Land Office, the Commissioner of Public Lands will hold a sale of oil and gas leases at his office in the Capitol Building, Santa Fe, New Mexico at 2 P. M. on the date hereinafter specified, of the tracts of land hereinafter described, such sale to be held and conducted in accordance with the following terms and conditions:

The Commissioner of Public Lands will receive at his office up to 2 P. M. on the date of sale sealed bids for oil and gas lease upon the tracts of state land hereinafter described.

As provided by the statute, the minimum first year's rental on any lease will be $100.00 and no bid will be accepted for any tract for less than the above minimum, nor for less than the minimum specified for such tract. Bidders must submit application in due form and the amount of bonus or first year's rental offered together with the required application fee. Payment may be made by cash, money order, bank draft or certified exchange.

No bid will be considered for less than the whole of any tract as hereinafter designated. Separate bid must be made for each tract, accompanied by separate remittance for each bid. Bids must be plainly marked "Sealed Bid" on the outside of the envelope and show date to be opened. Bids may be submitted by mail or otherwise. All bids submitted will be opened at 2 P. M. on said date and lease awarded to the highest bidder, if the offer made is deemed satisfactory. Each of said tracts on which no sealed bid is received will then be offered at public auction to the highest bidder for cash. The successful bidder in each case will be required to deposit forthwith the amount of his bid and to file application in due form before the close of business on said date. If no sealed or other bid shall be received for any tract offered, such tract will be subject to lease upon application filed therefor within ten days from date of sale, at not less than the minimum amount specified herein.

All applications received pursuant hereto will be deemed to have been filed simultaneously. Lease in all cases will be made on lease form No. 44. Form of application and lease will be furnished upon request.

THE COMMISSIONER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.

FRANK VESELY,
Commisioner of Public Lands

THE FOLLOWING TRACTS WILL BE OFFERED PURSUANT TO THE ABOVE NOTICE AT 2:00 P. M., JANUARY 10TH, 1934

TRACT NO. 1	Section	Township	Range	Acres
NW¼NE¼	16	9S	35E	40.00
S½SW¼	27	9S	35E	80.00
NW¼NE¼, SE¼SE¼	36	9S	37E	80.00
N½NE¼	11	10S	34E	80.00
SW¼	9	10S	35E	160.00
NW¼	32	10S	35E	160.00
NE¼SE¼	36	10S	36E	40.00
N½SW¼, SW¼SW¼	1	10S	37E	120.00
NW¼SE¼, SE¼SE¼	2	10S	37E	80.00
SE¼	6	10S	37E	160.00
Total Acreage 1000.00				
Minimum Rental 10¢ per acre				
Filing Fee $5.00				

TRACT NO. 2				
W½W½	1	16S	32E	160.00
S½SW¼	2	16S	32E	80.00
N½NE¼	7	16S	32E	80.00
E½NE¼	11	16S	32E	80.00
S½SE¼	14	16S	32E	80.00
N½NE¼	16	16S	32E	80.00
E½SE¼	20	16S	32E	80.00
W½NW¼	22	16S	32E	80.00
S½NE¼	26	16S	32E	80.00
N½SW¼	29	16S	32E	80.00
N½NE¼	32	16S	32E	80.00
NE¼NE¼	35	16S	32E	40.00
Total Acreage 1000.00				
Minimum Rental 10¢ per acre				
Filing Fee $5.00				

TRACT NO. 3				
N½SE¼	9	16S	32E	80.00
SE¼SE¼	10	16S	32E	40.00
W½NW¼	13	16S	32E	80.00
S½S½	15	16S	32E	80.00
N½S½	17	16S	32E	80.00
N½SE¼	18	16S	32E	80.65
S½NW¼	20	16S	32E	80.00
N½SW¼	21	16S	32E	80.00
S½SW¼	23	16S	32E	80.00
S½SE¼	24	16S	32E	80.00
N½SW¼	25	16S	32E	80.00
S½SE¼	27	16S	32E	80.00
S½NE¼	31	16S	32E	80.00
Total Acreage 1000.00				
Minimum Rental 10¢ per acre				
Filing Fee $5.00				

TRACT NO. 4				
S½	7	11S	33E	160.00
SE¼	11	11S	35E	160.00
N½	24	11S	35E	160.00
E½SE¼	23	11S	36E	80.00
S½NE¼	26	11S	36E	80.00
N½	32	11S	36E	320.00
NW¼	35	11S	36E	160.00
S½	1	12S	35E	160.00
SW¼	23	12S	35E	160.00
S½	3	13S	34E	160.00
SE¼	29	13S	34E	160.00
E½SE¼, SW¼SE¼	16	13S	35E	120.00
N½	35	13S	35E	160.00

	Section	Township	Range	Acres
SE¼	17	13S	36E	160.00
W½SW¼	3	14S	34E	80.00
SW¼NW¼	9	14S	34E	40.00
W½NW¼	10	14S	34E	80.00
W½W½	11	14S	34E	160.00
N½NW¼, SW¼NW¼	17	14S	34E	120.00
NE¼	20	14S	34E	160.00
SE¼	26	14S	34E	160.00
NE¼	33	14S	34E	160.00
SE¼	30	14S	37E	160.00
N½SW¼	16	14S	38E	80.00
NE¼NE¼, SW¼NW¼	16	15S	36E	80.00
N½SE¼	36	15S	36E	80.00
N½NW¼	16	15S	37E	80.00
N½NW¼	33	12S	37E	80.00
E½NW¼	36	12S	37E	80.00
Total Acreage 3800.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				

TRACT NO. 5				
NW¼	26	11S	34E	160.00
SE¼	10	12S	34E	160.00
E½NW¼	24	12S	34E	80.00
W½SE¼	15	12S	35E	80.00
N½SW¼	7	12S	36E	79.17
SE¼	2	12S	37E	160.00
NE¼NW¼, S½NW¼, NW¼SW¼	16	12S	37E	160.00
NW¼	19	12S	38E	160.00
W½SE¼, NW¼NE¼, SE¼NE¼	13	13S	34E	160.00
S½SW¼	16	13S	34E	80.00
N½N½	35	13S	34E	160.00
SE¼	2	13S	35E	160.00
NE¼	4	13S	35E	159.82
SW¼	15	13S	35E	160.00
SE¼	23	13S	35E	160.00
SE¼	5	13S	36E	160.00
E½NE¼	26	13S	36E	80.00
S½SW¼	29	13S	36E	80.00
N½SE¼, S½NE¼	12	14S	34E	160.00
SE¼	29	14S	34E	160.00
SE¼	18	14S	36E	160.00
NE¼	4	14S	38E	164.39
NW¼	15	14S	38E	160.00
N½SW¼, SE¼SW¼	32	14S	38E	120.00
S½NW¼	17	15S	34E	80.00
NW¼	33	15S	34E	160.00
SE¼	1	15S	35E	160.00
NE¼	10	15S	35E	160.00
NE¼, E½SW¼	11	15S	35E	240.00
S½SW¼	35	15S	35E	80.00
E½SE¼	12	15S	36E	80.00
W½SE¼, SE¼SE¼	27	15S	36E	120.00
NE¼	17	12S	36E	160.00
SW¼	6	14S	36E	161.22
S½NW¼	18	15S	36E	79.68
N½NW¼, W½NE¼	2	20S	34E	160.00
Total Acreage 4000.19				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				

(Over)

	Section	Township	Range	Acres
TRACT NO. 6				
SW¼	32	17S	31E	160.00
E½SE¼	6	18S	31E	80.00
Total Acreage 240.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 7				
S½	32	17S	31E	160.00
W½SE¼	6	18S	31E	80.00
Total Acreage 240.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 8				
N½NE¼, E½NW¼, SW¼NW¼, SE¼SW¼, W½SE¼, NE¼SE¼,	36	17S	30E	360.00
NE¼NE¼, E½NW¼, SW¼NW¼,	32	17S	31E	160.00
S½NE¼, E½NW¼, NW¼NW¼, N½SW¼, SE¼SW¼, SE¼SE¼	16	18S	31E	360.00
Total Acreage 880.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 9				
S½SE¼	12	19S	29E	80.00
SW¼SE¼	13	19S	29E	40.00
SE¼, NE¼SW¼, W½NW¼	14	19S	29E	280.00
Total Acreage 400.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 10				
W½W½, SE¼SW¼	32	20S	28E	200.00
S½S½	28	20S	28E	160.00
E½E½, W½	36	20S	28E	480.00
Total Acreage 840.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 11				
S½SE¼	2	20S	32E	80.00
SE¼	12	20S	32E	160.00
NW¼	13	20S	32E	160.00
E½NE¼, S½SW¼	36	20S	32E	160.00
Total Acreage 560.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 12				
E½, E½SW¼, SW¼SW¼	16	20S	30E	440.00
S½, S½N½	17	20S	30E	480.00
SE¼	18	20S	30E	160.00
N½NE¼, SE¼NE¼, N½SE¼, SW¼SE¼	19	20S	30E	240.00
NW¼NW¼, S½SW¼	20	20S	30E	120.00
W½NW¼	20	20S	30E	80.00
NE¼	30	20S	30E	160.00
Total Acreage 1880.00				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				
TRACT NO. 13				
NW¼NW¼	13	17S	35E	40.00
E½NW¼, SW¼NW¼	30	18S	35E	120.00
SW¼	15	18S	36E	160.00
S½NE¼	32	19S	33E	80.00
NW¼, (Lots 11, 12, 13, 14)	2	21S	31E	160.00
NE¼	10	21S	35E	160.00
NE¼	21	21S	35E	160.00
NE¼	23	17S	35E	160.00
Total Acreage 1040.00				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 14				
SE¼, E½SW¼, E½NW¼, SW¼NE¼	29	17S	35E	360.00
Total Acreage 360.00				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				

	Section	Township	Range	Acres
TRACT NO. 15				
NW¼	3	17S	35E	160.45
Lot 7	6	17S	35E	37.49
NW¼NW¼	13	17S	35E	40.00
Total Acreage 237.94				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 16				
S½SE¼	17	17S	36E	80.00
NE¼	18	17S	36E	160.00
NW¼	30	17S	36E	151.68
Total Acreage 391.68				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 17				
SE¼NE¼, Lot 4	2	20S	33E	79.74
Lots 3 and 4	4	20S	33E	80.52
W½SE¼	16	20S	33E	80.00
Total Acreage 240.26				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 18				
W½NW¼	36	20S	31E	80.00
NE¼SE¼	32	20S	33E	40.00
W½NW¼	18	20S	36E	78.75
S½SE¼	19	20S	36E	80.00
Total Acreage 278.75				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 19				
N½SE¼	1	21S	33E	80.00
SE¼	3	21S	33E	160.00
Lots 1 and 2	5	21S	33E	78.08
Total Acreage 318.08				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 20				
Lots 1, 2, SE¼	2	21S	34E	235.38
W½NW¼	3	21S	34E	80.00
Total Acreage 315.38				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 21				
NW¼	19	21S	35E	151.60
N½SW¼	20	21S	35E	80.00
W½NW¼	36	21S	35E	80.00
Total Acreage 311.60				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 22				
Lot 4	4	21S	35E	37.65
Lot 5	4	21S	35E	40.00
Lots 1 and 8	5	21S	35E	77.65
NE¼	18	21S	35E	160.00
Total Acreage 315.30				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 23				
W½SE¼, E½SW¼	2	17S	37E	160.00
E½NW¼	18	17S	37E	80.00
W½SW¼	16	17S	38E	80.00
Total Acreage 320.00				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 24				
NW¼SE¼	2	20S	38E	40.00
N½SE¼	32	20S	39E	80.00
SE¼NE¼, NE¼SE¼	36	20S	38E	80.00
W½SW¼	32	22S	38E	80.00
NE¼NW¼, SW¼NW¼	2	26S	36E	80.00
S½NW¼	2	26S	37E	80.00
Total Acreage 440.00				
Minimum Rental 50¢ per acre				
Filing Fee $5.00				
TRACT NO. 25				
NW¼NE¼	14	14S	34E	40.00
NW¼SW¼	9	14S	34E	40.00
S½SW¼	3	14S	34E	80.00
NW¼NE¼	13	14S	34E	40.00
Lot 3 or NE¼NW¼	4	14S	34E	40.47
SW¼SW¼	8	15S	34E	40.00
Lot 4	2	16S	34E	38.04
SE¼NW¼	36	16S	30E	40.00
N½NW¼, SW¼NW¼, SW¼SW¼	36	18S	31E	120.00
N½NE¼	16	18S	31E	40.00
W½SW¼, SE¼SW¼	36	19S	31E	120.00
Total Acreage 560.15				
Minimum Rental 25¢ per acre				
Filing Fee $5.00				

STATE OF NEW MEXICO by Frank Vesely, Commissioner of Public Lands

awarded to

Stanolind Oil and Gas Company, P.O.Box 591, Tulsa, Oklahoma

Oil and Gas Lease B-2386, awarded January 10, 1934, to Stanolind Oil and Gas Company as the highest and best bidder for Tract No. 12, at the monthly sale of oil and gas leases held that date.

The annual rentals on this lease have been paid to January 10, 1939, as evidenced by rental receipts numbered 128851, 145979, 168834, 194580 and 222244.

***** * *****

SMITH-HURSH PTG. CO. ... LAS VEC ... M.

APPLICATION FOR OIL AND GAS LEASE UPON STATE LAND

ON LEASE FORM

The Commissioner of Public Lands,
Santa Fe, New Mexico.
Sir:

I, Stanolind Oil and Gas Company,

Whose postoffice address is Philcade Building

Tulsa, State of Oklahoma

a citizen, or eligible to become a citizen of the United States, over the age of twenty-one years, (or a corporation qualified to do business in New Mexico), hereby make s application for an oil and gas lease for the exploration, development and production of oil and natural gas thereon, upon the following described land situate in the county of

Eddy

State of New Mexico, to-wit:

TRACT NO. 12				
E½, E½SW¼, SW¼SW¼	16	20S	30E	440.00
S½, S½N½	17	20S	30E	480.00
SE¼	18	20S	30E	160.00
N½NE¼, S½NE¼, N½SE¼, SW¼SE¼	19	20S	30E	240.00
NW¼NW¼, S½SW¼	20	20S	30E	120.00
W½NW¼	29	20S	30E	80.00
NE¼	30	20S	30E	160.00

Total Acreage 1680.00
Minimum Rental 25¢ per acre
Filing Fee $5.00

containing 1680.00 acres, more or less, and tender herewith as a bonus and the first year's rental thereon the sum of $ 3578.40, together with application fee of $ 5.00.

Applicant states the facts concerning oil or natural gas development thereon and in the vicinity thereof are as stated in answer to the following question:

1. Have any commercial well or wells been drilled for oil or natural gas on said land or within three miles thereof?

The small Getty field is about three miles away.

2. Are said lands, or any of them, located within the geological structure of any known producing oil or natural gas field?

No.

3. What is the value of said lands for oil and for natural gas leasing purposes?

Purely speculative.

(State the actual value, or if speculative, insert the words "Purely speculative")

I, Theo. N. Espe, Agent,

(Specify applicant, agent, attorney in fact, or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

Stanolind Oil and Gas Company,
Applicant.

By _____
~~Attorney in Fact~~ or Authorized Agent.

STATE OF New Mexico }
COUNTY OF Santa Fe } ss.

Subscribed and sworn to before me by

Theo. N. Espe, Agent,

(Applicant, agent, attorney in fact, or officer of corporation)

the above named applicant, this 9th day of January, 1934., 193....

_____
Notary Public.

My commission expires

October 30, 1934

Form adopted by Commissioner of
Public Lands, August 19th, 1931
Effective September 5th, 1931.

Form 44—ORIGINAL SMITH-HUDSON PRINTING COMPANY

LEASE NO. B-2386 APPLICATION NO. B-2386

OIL AND GAS LEASE

THIS AGREEMENT, dated this the 10th day of January, A. D. 1934, made and entered into by and between the STATE OF NEW MEXICO, acting by and through the undersigned, its Commissioner of Public Lands, thereunto duly authorized, party of the first part and hereinafter called the "Lessor", and Stanolind Oil and Gas Company, Philcade Building, Tulsa, Oklahoma,

party of the second part, hereinafter called the "Lessee", whether one or more,

WITNESSETH:

WHEREAS, the said lessee has filed in the office of the Commissioner of Public Lands an application for an oil and gas lease covering the lands hereinafter described and has tendered therewith the required first payment being not less than the amount required by law and by the rules and regulations of the New Mexico State Land Office; and

WHEREAS, all of the requirements of law relative to said application and tender have been duly complied with and said application has been approved and allowed by the Commissioner of Public Lands:

THEREFORE, for and in consideration of the premises as well as the sum of Three Thousand, Five Hundred Seventy-eight and 40/100ths - - - - - - - - ($ 3,578.40---) Dollars, the same being the amount of the tender above mentioned, paid in cash, and evidenced by official receipt No. 128851, and of the further sum of $ 5.00---------- filing fee, and of the covenants and agreements hereinafter contained on the part of the lessee to be paid, kept and performed, the said lessor has granted and demised, leased and let, and by these presents does grant, demise, lease and let unto the said lessee, exclusively, for the sole and only purpose of exploration, development and production of oil and/or gas thereon and therefrom with the right to own all oil and gas so produced and saved therefrom and not reserved as royalty by the lessor under the terms of this lease, together with rights of way, easements and servitudes for pipe lines, telephone and telegraph lines, tanks, power houses, stations, gasoline plants, and fixtures for producing, treating and caring for such products, and housing and boarding employees, and any and all rights and privileges necessary, incident to or convenient for the economical operation of said land, for oil and gas, with right for such purposes to the free use of oil, gas, casing-head gas, or water from said lands, but not from lessor's water wells, and with the right of removing either during or after the term hereof, all and any improvements placed or erected on the premises by the lessee, including the right to pull all casing, subject, however, to the conditions hereinafter set out, the following described land situate in the County of Eddy, State of New Mexico, and more particularly described as follows:

Line	Institution	Sec.	Twp.	Range	SUBDIVISION Column 1	Column 2	Column 3	Column 4	Acres
1	C. S.	16	20S	30E	NE¼NE¼	NW¼NE¼	SW¼NE¼	SE¼NE¼	160.00
2	" "	"	"	"	NE¼SW¼		SW¼SW¼	SE¼SW¼	120.00
3	" "	"	"	"	NE¼SE¼	NW¼SE¼	SW¼SE¼	SE¼SE¼	160.00
4	Lieu	17	20S	30E			SW¼NE¼	SE¼NE¼	80.00
5	"	"	"	"			SW¼NW¼	SE¼NW¼	80.00
6	"	"	"	"	NE¼SW¼	NW¼SW¼	SW¼SW¼	SE¼SW¼	160.00
7	"	"	"	"	NE¼SE¼	NW¼SE¼	SW¼SE¼	SE¼SE¼	160.00
8	Lieu	18	20S	30E	NE¼SE¼	NW¼SE¼	SW¼SE¼	SE¼SE¼	160.00
9	Lieu	19	20S	30E	NE¼NE¼	NW¼NE¼		SE¼NE¼	120.00
10	"	"	"	"	NE¼SE¼	NW¼SE¼	SW¼SE¼		120.00
11	Lieu	20	20S	30E		NW¼NW¼			40.00
12	"	"	"	"			SW¼SW¼	SE¼SW¼	80.00
13	Lieu	20	20S	30E		NW¼NW¼	SW¼NW¼		80.00
14	Lieu	30	20S	30E	NE¼NE¼	NW¼NE¼	SW¼NE¼	SE¼NE¼	160.00
15					OIL ASSIGNED				Total---- 1,680.00
16									
17	X 5 420.00				145277				
18	X 6 420.00				168824				
19	X 7 420.00				198550				
20	X 8 420.00				252244				
21									

Said lands having been awarded to lessee and designated as tract No. 12 at a public sale held by the Commissioner of Public Lands on January 10, 19 51. (To be filled in only where lands are offered at public sale.)

TO HAVE AND TO HOLD said land, and all the rights and privileges granted hereunder, to and unto the lessee for a primary term of Five years from the date hereof, and as long thereafter as oil and gas in paying quantities, or either of them is produced from said land by the lessee, subject to all of the terms and conditions as hereinafter set forth.

In consideration of the premises the parties covenant and agree as follows:

1. Subject to the free use without royalty, as hereinbefore provided, the lessee shall pay the lessor as royalty one-eighth part of the oil produced and saved from the leased premises, or the cash value thereof, at the option of the lessor, such value to be the price prevailing the day oil is run into a pipe line, if the oil be run into a pipe line, or into storage tanks, if the oil be stored.

2. The lessee agrees to pay the lessor the one-eighth of the net proceeds derived from the sale of gas from each gas well. If casing-head gas produced from said land is sold by the lessee, the lessee shall pay the lessor as royalty one-eighth of the net proceeds of said sale; if casing-head gas produced from said lands is utilized by the lessee otherwise than for carrying on the lessee's operations for producing oil or gas from said lands, then the lessee shall pay the lessor the market value in the field, the equal of one-eighth part of the casing-head gas so utilized at the time of such utilization.

3. Lessee agrees to make full settlement on the 20th day of each month for all royalties due the lessor for the preceding month, under this lease, and to permit the lessor or its agents, at all reasonable hours, to examine lessee's books relating to the production and disposition of oil and gas produced. The lessee also agrees to submit to the lessor, for each and every royalty payment, a correct statement showing the amount of oil or gas produced and saved since his last report and the market value thereof. Lessee further agrees to submit to lessor annually upon forms furnished by lessor, verified reports showing lessee's operations for the preceding year.

4. It is expressly agreed that the consideration hereinbefore specified is a good, valid and substantial consideration and sufficient in all respects to support each and every covenant herein, including specifically the option granted the lessee to prevent the termination of this lease from year to year, by the payment or tender of the further rental hereinafter provided for.

An annual rental, at the rate of 25 cents per acre shall also become due and payable to the lessor by the lessee, or by any transferee or assignee of the same, or any part hereof, where such transferee or assignee has been recognized, and such transfer or assignment approved by the lessor as hereinafter provided, upon each acre of the land above described and then claimed by such lessee, transferee or assignee hereunder, and the same shall be due and payable in advance to the lessor on the successive anniversary dates of this lease, but the annual rental on any assignment shall in no event be less than Six Dollars ($6.00).

In event the lessee shall elect to surrender any or all of said acreage, he shall deliver to the Commissioner a duly executed release thereof and in event said lease has been recorded, then he shall upon request furnish and deliver to said Commissioner a certified copy of a duly recorded release.

5. The lessee may at any time by paying to the State of New Mexico, acting by its Commissioner of Public Lands, or other authorized officer, all amounts then due as provided herein and the further sum of Ten Dollars ($10.00), surrender and cancel this lease, insofar as the same covers all or any portion of the lands herein leased and be relieved from further obligations or liability hereunder, in the manner as hereinbefore provided. Provided, this surrender clause and the option herein reserved to the lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the lessee, lessor, or any assignee, to enforce this lease, or any of its terms express or implied.

6. All payments due hereunder shall be made on or before the day such payment is due, in cash or by certified exchange at the office of the Commissioner of Public Lands in Santa Fe, New Mexico.

7. The lessee with the consent of the lessor, shall have the right to assign this lease in whole or in part. Provided, however, that no assignment of any undivided interest in the lease or in any part thereof nor any assignment of less than a legal subdivision shall be recognized or approved by the lessor. Upon approval in writing by the lessor of an assignment, the assignor shall stand relieved from all obligations to the lessor with respect to the lands embraced in the assignment and the lessor shall likewise be relieved from all obligations to the assignor as to such tract, and the assignee shall succeed to all of the rights and privileges of the assignor with respect to such tracts and shall be held to have assumed all of the duties and obligations of the assignor to the lessor as to such tracts.

8. Lessee agrees, with reasonable diligence, to offset all paying oil or gas wells drilled, within 300 feet of any of the land covered by this lease and retained hereunder.

9. The lessee agrees to notify the lessor of the location of each well before commencing drilling thereon, to keep a complete and accurate log of each well drilled and to furnish a copy thereof, verified by some person having actual knowledge of the facts, to the lessor upon the completion of any well, and to furnish the log of any unfinished well at any time when requested to do so by the lessor. If any lands embraced in this lease shall be included in any deed or contract of purchase outstanding and subsisting issued pursuant to any sale made of the surface of such lands prior to the date of this lease, it is agreed and understood that no drilling operation shall be commenced on any such lands so sold unless and until the lessee or his assignee shall have filed a good and sufficient bond with the lessor as required by law to secure the payment for such damage to the livestock, range, water, crops or tangible improvements on such lands as may be suffered by the purchaser holding such deed or contract of purchase, or his successors, by reason of the developments, use and occupation of such lands by such lessee. Provided, however, that no such bond shall be required if such purchaser shall waive the right to require such bond to be given in the manner provided by law.

10. In drilling wells all water-bearing strata shall be noted in the log, and the lessor reserves the right to require that all or any part of the casing shall be left in any non-productive well when lessor deems it to the interest of the State of New Mexico to maintain said well or wells for water. For such casing so left in wells the lessor shall pay to the lessee the reasonable value thereof.

11. Lessee shall be liable and agrees to pay for all damages to the range, livestock, growing crops or improvements caused by lessee's operations on said lands. When requested by lessor, the lessee shall bury pipelines below plow depth.

12. The lessee shall not remove any machinery or fixtures placed on said premises, nor draw the casing from any well unless and until all payments and obligations due the lessor under the terms of this agreement shall have been paid or satisfied. The lessee's right to remove the casing is subject to the provision of paragraph 10 above.

13. Upon failure or default of the lessee or any assignee to comply with any of the provisions or covenants hereof, the lessor is hereby authorized to cancel this lease and such cancellation shall extend to and include all rights hereunder as to the whole of the tract so claimed, or possessed by the lessee or assignee so defaulting, but shall not extend to, nor affect the rights of any other lessee or assignee claiming any portion of the lands upon which no default has been made; provided, however, that before any such cancellation shall be made, the lessor shall mail to the lessee, or assignee so defaulting, by registered mail, addressed to the post-office address of such lessee or assignee as shown by the records of the State Land Office, a notice of intention of cancellation specifying the default for which cancellation is to be made, and if within 30 days from the date of mailing said notice the said lessee or assignee shall remedy the default specified in said notice, cancellation shall not be made.

14. All the terms of this agreement shall extend to and bind the heirs, executors, administrators, successors and assigns of the parties hereto.

15. If the lessee shall have failed to make discovery of oil and/or gas in paying quantities during the primary term hereof, the lessee may continue this lease in full force and effect for an additional term of five

years and as long thereafter as oil and gas in paying quantities, or either of them is produced from the leased premises, by paying each year in advance, as herein provided, double the rental provided herein for the primary term, or the highest rental prevailing at the commencement of the secondary term in any rental district, or districts in which the lands, or any part thereof, may be situated, if it be greater than double the rental provided for the primary term. (This paragraph (15) shall not be inserted in any lease issued pursuant to the provisions of Section 3 (132-403) of this Act.).

IN WITNESS WHEREOF, the party of the first part has hereunto signed and caused its name to be signed by its Commissioner of Public Lands thereunto duly authorized, with the seal of his office affixed, and the lessee has signed this agreement the day and year first above written.

STATE OF NEW MEXICO

BY _____
COMMISSIONER OF PUBLIC LANDS, Lessor.

ATTEST:

_____
Secretary

STANOLIND OIL AND GAS COMPANY

By E. F. Bulland Vice-President
Lessee. (SEAL)

Distributed this the 15th day of March, 1934.

(PERSONAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } ss.

On this the _____ day of _____, 19____, personally appeared before me

_____

to me known to be the person who executed the foregoing instrument as Lessee, and acknowledged that he executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

_____
My Commission Expires: Notary Public.

(ACKNOWLEDGMENT BY ATTORNEY IN FACT)

STATE OF _____ }
COUNTY OF _____ } ss.

On this the _____ day of _____, 19____, personally appeared

before me _____

to me known to be the person who executed the foregoing instrument in behalf of _____

_____

and acknowledged that he executed the same as the free act and deed of said _____

_____

_____

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

_____
My Commission Expires: Notary Public.

(ACKNOWLEDGMENT BY CORPORATION)

STATE OF OKLAHOMA }
COUNTY OF TULSA } ss.

On this the 8th day of March, 1934, personally appeared

E. F. BULLARD

to me personally known, who being by me duly sworn did say that he is the Vice-President

of STANOLIND OIL AND GAS COMPANY

and that the seal affixed to the foregoing instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said

E. F. BULLARD

acknowledges said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

_____
My Commission Expires: Notary Public.
3-1937.

Stanolind Oil and Gas Company, a Delaware corporation

assigned to

Neil H. Wills, P.O. Box 529, Carlsbad, New Mexico

Oil and Gas Lease B-2386 assignment No. 2, as to among other lands

the land described in the Caption hereof.

The annual rentals on this lease have been paid to January 10, 1960,

as evidenced by rental receipts numbered 222244, 252445, 282070,

310863, 337325, 22737, A-47554, A-71455, B-26512, B-51491, B-76746,

B-101731, C-21476, C-47386, C-74029, D-27367, D-54555, D-82076,

D-109072, D-135702, E-29657 and E-59853.

***** * *****

FORM NO. 33 A 2—CORPORATION

OLP

ASSIGNMENT OF OIL AND GAS LEASE

Form 4-1
From 5

KNOW ALL MEN BY THESE PRESENTS:

That Stanolind Oil and Gas Company, a Delaware corporation, of Tulsa, Oklahoma

a corporation, M 2

hereinafter sometimes called "Assignor," party of the first part, for and in consideration of the sum of One Dollar, and other good and valuable consideration paid by Neil H. Mills

whose postoffice address is P. O. Box 529, Carlsbad, New Mexico

hereinafter sometimes called the "Assignee," party of the second part, has sold, transferred, set over and assigned, and by these presents does sell, transfer, set over and assign to the Assignee, his heirs, successors and assigns, all of the assignor's right, title, interest and claim in and to that certain Oil and Gas Lease No. B 2336, made by the State of New Mexico to Stanolind Oil and Gas Company

under date of January 10, , 1934

SEE PLATS

the Assignor herein, in and to the following described subdivisions of land in said lease described, and insofar as said lease affects such divisions—to wit: E½ and E½ of SW¼, and SW¼ of SW¼ of Section 16; S½ of N½ and N½ of SW¼ and SE¼ of Section 17; SE¼ of Section 18; NW¼ of NE¼ and SE¼ of NE¼ and N½ of SE¼ and SW¼ of SE¼ of Section 19; S½ of SW¼ of Section 20; W½ of NW¼ of Section 29; NE¼ of Section 30; All in Twp. 20 South, Rge. 30 East, Eddy County, New Mexico.

PAID FOR

1938 $ Paid RECEIPT No. 222244
1939 $ 380.00 " " 225445
1940 $ 380.00 " " 270710
1941 $ 380.00 " " 310263
1942 $ 380.00 " " 337325

The Assignee assumes and agrees to perform all obligations to the State of New Mexico insofar as said described lands are affected, and to pay such rentals and royalties, and to do such other acts as are by said lease required as to the above described subdivisions, to the same extent and in the same manner as if the provisions of said lease were fully set out herein.

It is agreed that the Assignee shall succeed to all the rights, benefits and privileges granted the Lessee by the terms of said lease, as to the lands above described.

IN WITNESS WHEREOF, the said party of the first part has hereunto caused these presents to be signed and sealed by its proper officers by authority of its Board of Directors this the 9th day of June, 1933.

ATTEST: Secretary.

STANOLIND OIL AND GAS COMPANY

By Vice President.

337750

STATE OF NEW MEXICO, OKLAHOMA

County of Tulsa } ss.

On this 14th day of July, 1938, before me personally appeared ... to me personally known, who, being by me duly sworn did say that he is the Vice-President of the STANOLIND OIL AND GAS COMPANY and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said E. F. Bullard acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this, the day and year first above written.

My commission expires May 20, 1940

Elbert W. Cook
Notary Public.

Office of Commissioner of Public Lands,
Santa Fe, New Mexico

I hereby certify that the within assignment was filed in my office on the 19th day of July, 1938, and approved by me on AUG 1 1938, 19....

Grant Worden
Commissioner of Public Lands.

INSTRUCTIONS AND INFORMATION

1. All assignments must be filed in duplicate in the State Land Office within 100 days from date of issue and accompanied by Cashier's Check, Bank Draft, P. O. or Express Money Order.

2. Recording and approval fees are $5.00 for each assignment.

3. When assignments are accompanied by personal check, they will be held three weeks for collection of checks.

4. Assignments will not be approved for less than a regular subdivision or for undivided interests. By a regular subdivision is meant forty acres or a tract described by Lot number which may be more or less than 40 acres.

5. Assignments must show complete postoffice address of assignee.

6. Assignments must be executed before an officer authorized to take acknowledgement of deeds. Corporations must use corporate form of acknowledgement.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NEW MEXICO
OIL CONSERVATION COMMISSION
RECEIVED
JAN 12 1938

NOTICE OF INTENTION TO DRILL

...the Oil Conservation Commission or its proper agent and approval obtained before changes...
...the proposed plan are considered advisable, a copy of this notice showing such changes will be...
...Submit this notice in triplicate. One copy will be returned...
...Rules and Regulations of the Commission.

Carlsbad, New Mexico — January 10, 1938
(Place) (Date)

...COMMISSION,
...Fe, New Mexico

...Gentlemen: It is our intention to commence the drilling of a well to be known as _____

...Co. 1 State "A" Well No. 1 in SW/4
(Company or Operator) (Lease)

...T. 20S, R. 30E, N. M. P. M. Turkey "A" Field ... County.

The well is 330 feet [N.] [S] of the South line and 1980 feet [E] [W.] of the east line of Sec. 17

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. B-2384 Assignment No. None (pend)

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

We propose to drill well with drilling equipment as follows: _____

...well in conformance with Rule 39 of the General Rules and Regulations of the Commission

...$10,000 blanket drilling bond

...following strings of casing and to land or cement them as indicated:

...Size	...Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
8"	24#	Second Hand	420'	Cemented	300sax
5½"	14#	New	1400'	"	"

...plan becomes advisable we will notify you before cementing or landing casing. We estimate ...oil or gas sand should occur at a depth of about 1400 feet.

...casing will be run to get thru the surface ...will be pulled after 8" cemented

...1938 19...

Sincerely yours,

Hall Wills et al
(Company or Operator)

By: Neil B Wills

Position: Owner

Send communication regarding well to

Name: Hall H. Wills

Address: Box 389, Carlsbad, N. M.

FORM C-101

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice is hereby given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice will be returned to the sender. Submit this notice in triplicate. One copy will be returned if the location is approved. See additional instructions in Rules and Regulations of the Commission.

Carlsbad, New Mexico June 11, 1942

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

Neff W. Wills (Company or Operator) State "A" (Lease) Well No. 6-L, in SE¼

of Sec. 17, T. 20 S., R. 30 E., N. M. P. M., Burkat (Field), Eddy County.

The well is 1980 feet [N.] [S.] of the South line and 2310 feet [E.] [W.] of the East line of Sec. 17.

(Give location from section or other legal subdivision lines. Correct wrong directions.)

If state land the oil and gas lease is No. L-3366 Assignment No. 2

If patented land the owner is

Address

If government land the permittee is

Address

The lessee is Wells Drilling Company

Address

We propose to drill well with rotary tools to a depth of approximately 910,000 Blanket Pool on Fifth Sand, Pay Zone

We intend to complete this well in the following manner:

Size of Casing	Size of Hole	Weight Per Foot	New or Second Hand	Depth Set	Sacks Cement	Top of Cement
13	0 3/4	38	Used	420	Circulated	"
8	7	20	New	3400	"	"

If changes in the above plan of work are necessary we will notify you before starting work. We hereby agree that this application and approval shall constitute a contract between us.

Additional information: 20" casing will be run to shut off surface sands and carry material.

-DIVISION ORDER-

TO NEIL H. WILLS,
Carlsbad,
New Mexico

Effective May 15, 1938

The undersigned/each for his interest only, certify that they are the owners of the oil, including royalty interest, produced from wells number one and up on the following described land situated in Eddy County, New Mexico, to-wit:

State "A" lease B-2386, ~~Assignment 2.~~ Assignment 2. E½, E½SW¼, SW¼SW¼ Sec. 16: S½N½, N½S½, S½SE¼, Sec.17: SE¼ Sec. 18: NW¼NE¼, SE¼NE¼, N½SE¼, SW¼SE¼ Sec. 19; S½SW¼ Sec. 20: W½NW¼ Sec. 29: NE¼ Sec. 30, T. 20 S., R. 30 E.

Until further notice you are authorized for your own account to receive such oil into your possession or the possession of any person or corporation designated by you, same to be run and measured in accordance with customary oil field practice and rules and regulations of any governmental authority or commission having jurisdiction, including adjustments and deductions, such oil to be credited as follows:

Credit to	Division of Interest	P.O. Address
State of New Mexico	12.50% RI	Santa Fe, New Mex.
Stanolind Oil & Gas Co.	5.46875 RI	Philcade Building Tulsa, Oklahoma
Barber Joint Account	82.03125%WI	Carlsbad, New Mex.
	100.00%	

The oil run hereunder shall on the terms herein contained, become the property of Neil H. Wills immediately upon being received by said Neil H. Wills, or his designated agent, and said Neil H. Wills agrees to receive and pay for such oil to the respective owners according to division of interest hereinabove set forth, the market value at the wells as produced for similar crude for the district where received prevailing on the date of each respective run, settlements and payments to be made ~~quarterly~~ by check of Neil H. Wills mailed to the respective parties at the address given above.

Each undersigned hereby authorizes and empowers Neil H. Wills to withhold from the proceeds of any and all runs made hereunder the amount of any taxes placed thereon or hereafter placed thereon by the State of New Mexico, or any political subdivision thereof, or by the United States or both, and to pay the same in behalf of each of the undersigned. In the case of the State of New Mexico all royalty runs are tax free.

Each undersigned hereby warrants and guarantees the title to the oil credited to each undersigned owner according to the division of interest hereinabove indicated, as well as all interest hereafter acquired, and agrees upon demand to furnish abstract or other evidence of title, and in case of any adverse claim of title to such oil, or any part thereof, or to the land from which said oil is produced, to furnish Neil H. Mills satisfactory indemnity bond against such adverse claim or claims, and to authorize Neil H. Mills to retain the purchase price without any obligation to pay interest on the amount so withheld, until such bond shall be furnished or until dispute as to ownership is settled. In the case of the State of New Mexico by virtue of existing laws of the State, this paragraph is waived.

Guy Shepherd

COMMISSIONER OF PUBLIC LANDS

STATE LAND OFFICE

FILE MEMORANDUM

April 9, 1956

Re: LC-029171-C - LC-029096-C - NM STATE B-2386
Assg. No. 1
Assg. No. 2

Following Mr. Wills' letter of March 22, 1956, Mr. Wills and a Mr. Crosby were in the Commissioner's office on the 26th of March. The Commissioner called me in, and Mr. Wills advised that this lease was a 17-year-old lease, being held by production of no-gravity oil which could be used for road oil; that they were having to sell approximately 75% of it at a price of sixty cents less than the field price. They were thinking about closing down production altogether, but I advised them that it was my thought that to do so would automatically terminate the lease because of the "so long as" clause. However, they are producing the other 25% and it is being sold locally at the full market price.

Mr. Wills felt that if they could cut back the production for about six months and deny the purchaser the use of the road oil, he would be willing to pay the full going market price in the area. To do so might cost him money and yet he would be making some money from his 25% sales.

The Commissioner was agreeable that this should be done to force the price up to the normal price, and indicated a willingness to go along.

Mr. Wills is to write us a letter giving full details and advise us what he is doing regarding this, and then we were to give him our final answer.

William O. Jocoy
Attorney, Legal Division

WOJ:ZH

cc: The Commissioner
Mrs. Crosby
Mr. Bilberry

Neil H. Wills and Mary E. Wills, his wife

assigned to

Barber Oil, Inc., a New Mexico Corporation, P.O. Box 529, Carlsbad, New Mexico

Oil and Gas Lease B-2386 assignment No. 4, as to among other lands the land described in the Caption hereof.

The annual rentals on this lease have been paid to January 10, 1965, as evidenced by rental receipts numbered E-59853, F-28185, F-55585, F-83200, G-9443 and G-35075.

ABSTRACTERS NOTE:

First Production was obtained on the SE¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M., February 23, 1938. First Production was obtained on the NW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M., July 13, 1942. (Well on the NW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M., was Shut-in July 1954.) First Production was obtained on the SW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M., August 13, 1942.

The Royalty Record Division in the Offices of the Commissioner of Public Lands of the State of New Mexico, Santa Fe, New Mexico, indicates that the royalty payments for the wells on the SE¼SE¼, NW¼SE¼, and the SW¼SE¼, Section 17, T. 20 S. - R. 30 E., N.M.P.M., have been paid continuously since February 1938, to December 1963, as evidenced by report dated March 24, 1964.

***** * *****

44
2

Acct. No. [illegible]
M. C. No. 37347

Form 33-A3—Individual

ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That NEIL H. WILLS, married (state whether married or single) No. 4.

and MARY E. WILLS, his wife (wife if any)

hereinafter called "Assignors," parties of the first part, for and in consideration of the sum of One Dollar, and other good and valuable consideration paid by BARBER OIL, INC., a New Mexico Corporation

whose postoffice address is 529, Carlsbad, New Mexico

hereinafter sometimes called the "Assignee," party of the second part, have sold, transferred, set over and assigned, and by these presents do sell, transfer, set over and assign to the Assignee its heirs, successors and assigns, all of the assignors right, title, interest and claim in and to that certain Oil and Gas Lease No. B 2386, made by the State of New Mexico to STANDLIND OIL AND GAS COMPANY under date of January 10, 1934 and thereafter assigned to NEIL H. WILLS one of the Assignors herein, in and to the following described subdivisions of land in said lease described, and insofar as said lease affects such subdivisions—to-wit:

C.S. C.X 1-21-59

$E\frac{1}{2}$ and $E\frac{1}{2}$ of $SW\frac{1}{4}$, and $SW\frac{1}{4}$ of $SW\frac{1}{4}$ of Section 16; $S\frac{1}{2}$ of $N\frac{1}{2}$ and $N\frac{1}{2}$ of $SW\frac{1}{4}$ and $SE\frac{1}{4}$ of Section 17; $SE\frac{1}{4}$ " " of Section 18; $NW\frac{1}{4}$ of $NE\frac{1}{4}$ and $SE\frac{1}{4}$ of $NE\frac{1}{4}$ and $N\frac{1}{2}$ " " of $SE\frac{1}{4}$ and $SW\frac{1}{4}$ of $SE\frac{1}{4}$ of Section 19; $S\frac{1}{2}$ of $SW\frac{1}{4}$ of " " Section 20; $W\frac{1}{2}$ of $NW\frac{1}{4}$ of Section 29; $NE\frac{1}{4}$ of Section " " 30; All in Twp. 20 South, Rge. 30 East, Eddy County, New Mexico.

The Assignee assumes and agrees to perform all obligations to the State of New Mexico insofar as said described lands are affected, and to pay such rentals and royalties, and to do such other acts as are by said lease required as to the above described subdivisions, to the same extent and in the same manner as if the provisions of said lease were fully set out herein.

It is agreed that the Assignee shall succeed to all the rights, benefits and privileges granted the Lessee by the terms of said lease, as to the lands above described.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals on this the 14th day of January, 1959.

Neil H Wills

Mary E Wills

E. 6156

No. 4

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 14th day of January, 19 59

by NEIL H. WILLS and MARY E. WILLS, his wife

My commission expires:
27th May 1962

Notary Public

Office of Commissioner of Public Lands,
Santa Fe, New Mexico

I hereby certify that the within assignment was filed in my office on the 19 day of January, 1959, and approved by me on JAN 28 1959, 19

Commissioner of Public Lands.

INSTRUCTIONS AND INFORMATION

1. An annual rental, at the rate of 25¢ per acre shall become due and payable to the lessor by the lessee, or by any transferee or assignee of the same, or any part hereof, where such transferee or assignee has been recognized, and such transfer or assignment approved by the lessor, upon each acre of land above described and then claimed by such lessee, transferee or assignee, and the same shall be due and payable in advance to the Lessor on the successive anniversary dates of the lease, (*not the date this assignmnet was executed*) but the annual rental on any assignment shall in no event be less than Six Dollars ($6.00).

2. The lease is for a primary term of Five Years from the date of the lease, and as long thereafter as oil and gas in paying quantities, or either of them is produced from said land by the lessee, subject to all of the terms and conditions set forth in the lease.

   If the lessee shall have failed to make discovery of oil and/or gas in paying quantities during the primary term of the lease, the lessee may continue the lease in full force and effect for an additional term of five years and as long thereafter as oil and gas in paying quantities, or either of them is produced from the leased premises, by paying each year in advance, as herein provided, double the rental provided herein for the primary term, or the highest rental prevailing at the commencement of the secondary term in any rental district, or districts in which the lands, or any part thereof, may be situated, if it be greater than double the rental provided for the primary term. But the annual rental on any assignment shall in no event be less than Twelve Dollars ($12.00) during the secondary term.

3. All Assignments must be filed in triplicate in the State Land Office within 100 days from date of issue and accompanied by Cashier's Check, Bank Draft, P. O. or Express Money Order.

4. Effective September 1, 1957, recording fee for each assignment is $10.00.

5. When assignments are accompanied by personal check, the Commissioner of Public Lands reserves the right to withhold approval of assignment until checks are paid.

6. Assignments will not be approved when assigned to more than two persons, or for less than a regular subdivision or for undivided interests. By a regular subdivision is meant forty acres or a tract described by Lot number which may be more or less than 40 acres.

7. Assignments must show complete postoffice address of assignee.

8. Assignments must be executed before an officer authorized to take acknowledgments of deeds. Corporations must use corporate form of acknowledgment.

9. Assignments must show whether assignors are married or single; if married, both husband and wife must sign the assignment, and certificate of acknowledgment must show marital status of assignors.

10. All official business, letters and communications must be addressed to and sent direct to the Commissioner of Public Lands.

11. Make all payments for annual rental and recording and approval fees, to

COMMISSIONER OF PUBLIC LANDS
SANTA FE, NEW MEXICO

State of New Mexico



Commissioner of Public Lands

E. S. JOHNNY WALKER
COMMISSIONER

P. O. BOX 791
SANTA FE, NEW MEXICO

November 20, 1963

Barber Oil, Inc.
Box 529
Carlsbad, New Mexico

Gentlemen:

There are certain State of New Mexico oil and gas leases which have been extended for some time beyond the ten-year term by production, such leases in some cases extending undeveloped and unexplored acreage.

Under the implied covenants of the statutory lease contract, there is a definite obligation of the lessee to develop and explore all the leased acreage so that the lessor may not be deprived of expected royalty nor the right to make other plans for obtaining development of the acreage.

Your Lease Number B-2306-4 is considered in this category. You will, therefore, be required to further develop this lease.

Very truly yours,

E. S. JOHNNY WALKER
Commissioner of Public Lands

By:
Ted Bilberry, Supervisor
Oil and Gas Division

February 7, 1964

Barber Oil, Incorporated
Box 529
Carlsbad, New Mexico

Gentlemen:

This is in reference to our letters to you dated March 23, 1962 and November 20, 1962, pertaining to the development of State of New Mexico Oil and Gas Lease No. B-9361.

We note that we have received no reply concerning your plans in the exploration of this lease, however, due to the problem that you have encountered in obtaining permission to drill, the demand to develop the SE¼ of Section 17, Township 20 South, Range 30 East is hereby withdrawn until further notice by order of the Commissioner of Public Lands.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
A. L. PORTER, Director
Oil and Gas Department

ESJW/RR/bd

cc: Mr. Ross L. Malone
Security National Bank Building
Roswell, New Mexico

CERTIFICATE

STATE OF NEW MEXICO
COUNTY OF SANTA FE } SS

The FEDERAL ABSTRACT COMPANY (No Stockholders' Liability), a corporation duly organized and existing under and by virtue of the laws of the State of New Mexico, and duly bonded, insured and authorized to prepare and certify abstracts of title to lands situated in the State of New Mexico, does hereby certify:

That the foregoing Abstract of Title, consisting of forty-five pages, numbered from one to forty-five both inclusive and including this Certificate, is a true and correct abstract of all instruments of record and on file in the Offices of the Commissioner of Public Lands of the State of New Mexico since the inception of the records affecting the Oil and Gas Mineral Rights to the lands described in the Caption hereof under the lease B-2386.

IN WITNESS WHEREOF, the FEDERAL ABSTRACT COMPANY (No Stockholders' Liability) has caused this Certificate to be signed by its Secretary, and its Corporate Seal to be hereunto affixed at Santa Fe, New Mexico on this the 9th day of April, 1964, at 8:00 A.M.

FEDERAL ABSTRACT COMPANY.

No. 16781

Hoover H. Wright, Secretary

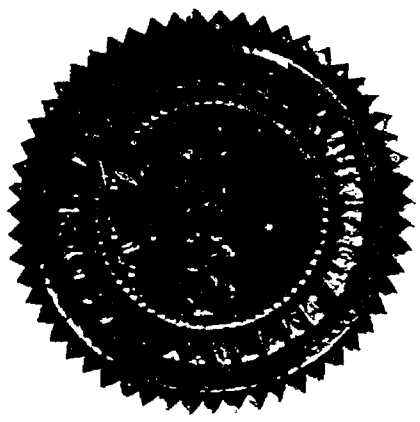
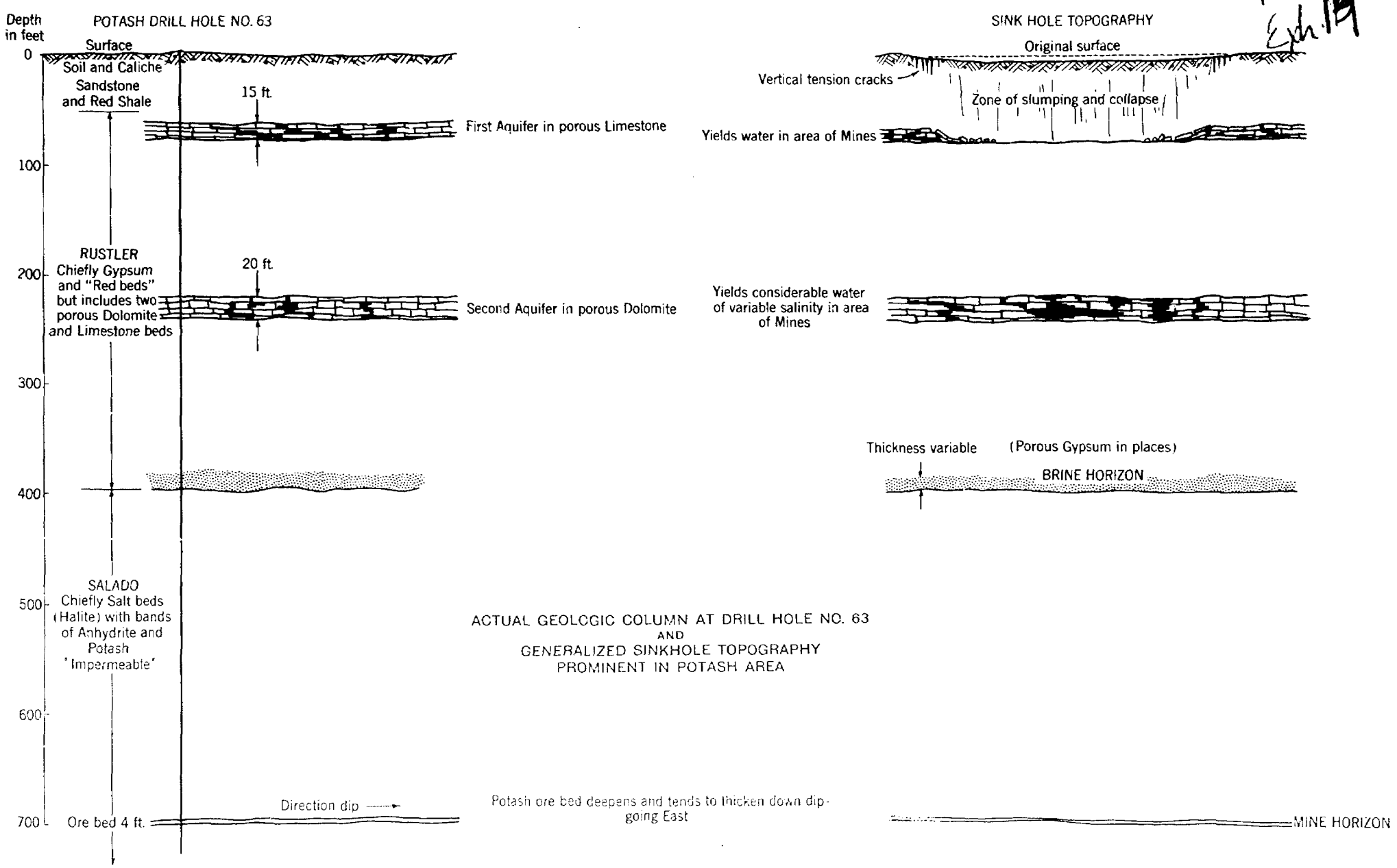


EXHIBIT NO. 1

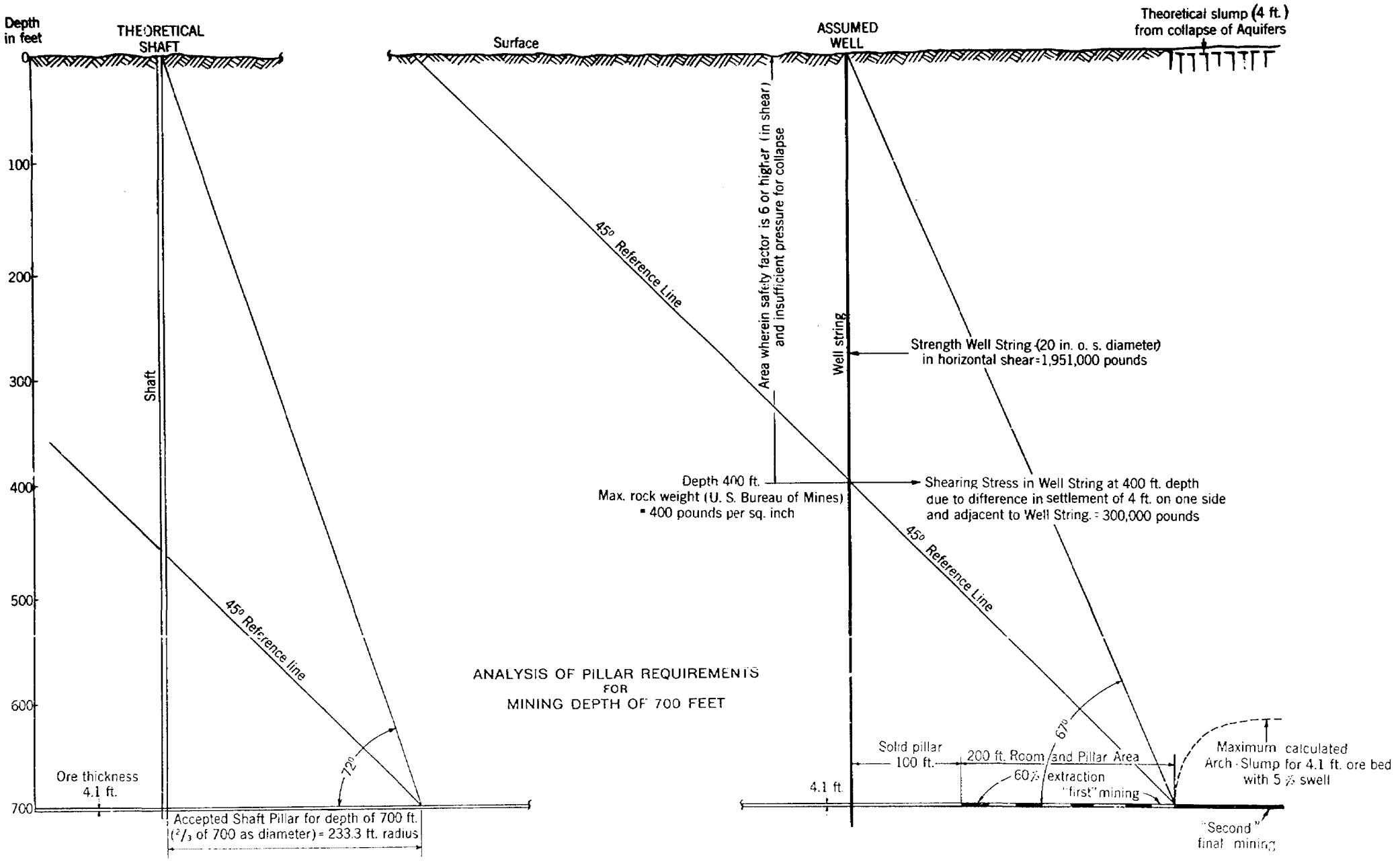


ACTUAL GEOLOGIC COLUMN AT DRILL HOLE NO. 63
AND
GENERALIZED SINKHOLE TOPOGRAPHY
PROMINENT IN POTASH AREA

Potash ore bed deepens and tends to thicken down dip-going East

Pan Am Exh 15

EXHIBIT NO. 2



ANALYSIS OF PILLAR REQUIREMENTS
FOR
MINING DEPTH OF 700 FEET

Exh 16

EXHIBIT 3

Calculated Profit on Ore in Place
Based on Statements in Annual Report of
Potash Company of America

	1963		3-Year Average (1961 through 1963)	
Net Sales		$20,897,387		$20,419,558
Costs				
Cost of Sales	$12,392,150		$12,152,840	
Depreciation	910,868		817,078	
Selling, Administrative and General Expense	1,604,205	14,907,223*	1,601,060	14,570,978*
Profit from Operations before Taxes		$ 5,990,164		$ 5,848,580
Tax Estimate (Federal and State)		1,902,476		1,896,110
Net Profit after Taxes		$ 4,087,688		$ 3,952,470
Tons of Ore at Capacity		2,750,000		2,750,000
Indicated Profit per Ton of Ore		$ 1.49		$ 1.44

Use $1.45 per ton of Ore

(*) Exclusive of exploration and research, and depletion.

Estimated Value of Ore
Denied in Well Pillar

	Tons	Tons Ore Denied
Total Ore in Solid Pillar (100 ft radius)	8,050	
Less:		
1. Already denied by well - (none assumed due to uncertain location)	-	
2. Unrecoverable (15%)	1,210	6,840
Total Ore in Room and Pillar Outer Circle (maximum 300 ft radius less inner solid pillar)	64,400	
Less:		
1. Unrecoverable (15%)	9,660	
2. Recoverable (60%)	38,640	48,300 16,100
TOTAL		22,940

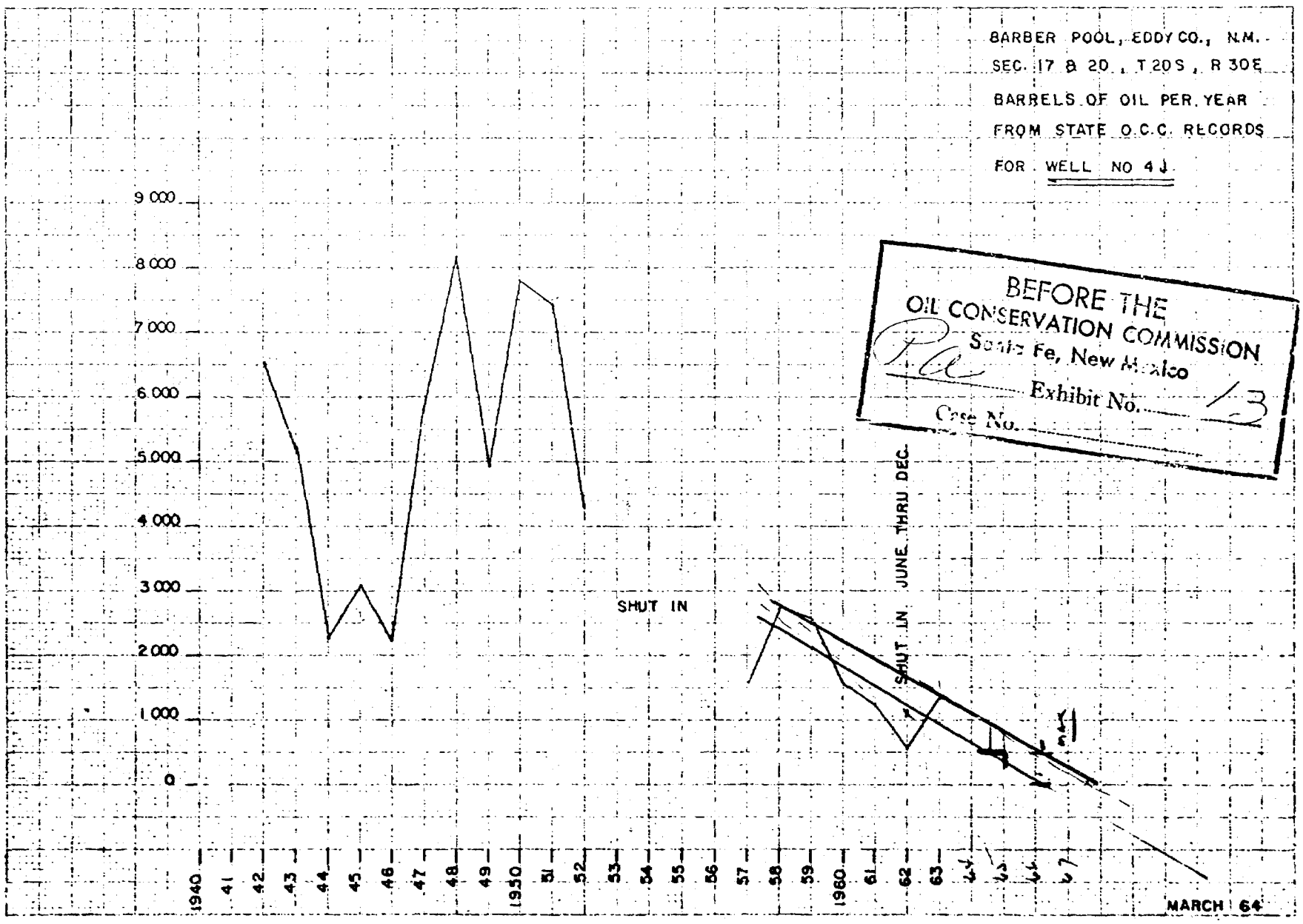
Note: 22,940 tons of ore is equivalent to less than 3 days mining.

Value of Ore in Place

22,940 tons @ $1.45	=	$33,263
Discounted 8 years @ 10% interest compounded (factor .46651)	=	$15,520

BARBER POOL, EDDY CO., N.M.
SEC. 17 & 20, T 20 S, R 30 E
BARRELS OF OIL PER YEAR
FROM STATE O.C.C. RECORDS
FOR WELL NO 4 J

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 13
Case No.



PROPOSED PAN AMERICAN STATE "CS" NO. 1
EDDY COUNTY, NEW MEXICO

RESERVES SUMMARY

Formation	Oil or Condensate, Bbls.	Gas, CF
Devonian	1,000,000	25,700,000,000
Strawn	1,580,000	26,900,000,000
Morrow	220,000	7,500,000,000

GROSS VALUE, THOUSANDS OF DOLLARS

	Devonian	Strawn	Morrow
Oil, Gross, W.I.	$ 2,420	$ 3,980	$ 525
Gross Royalty	350	570	75
Total Gross	2,770	4,550	600
Gas, Gross W.I.	3,820	1,880	1,090
Gross Royalty	550	270	150
Total Gross	4,370	2,150	1,240
Total Working Interest	6,240	5,860	1,615
Total Royalty Interest	900	840	225
Total Gross	7,140	6,700	1,840

W.I. INCOME, DOLLARS

	Devonian	Strawn	Morrow
W.I. Income	$ 5,590,000	$ 5,100,000	$ 1,430,000

STATE AND FEDERAL ROYALTY INCOME, DOLLARS

State	$ 675,000	$ 630,000	$ 169,000
Federal	225,000	210,000	56,000

W.I. Income = (Oil Recovery x Oil Price + Gas Recovery x Gas Price)
x Net Interest x (1-Taxes) - Expenses

Exh. 11

State (#4J)
Location: NW/4 SE/4, Sec. 17, Twp. 20S, Rge. 30E
Completion Date: June, 1942

1965 (1969) MAX.

YEAR	BBLS. OIL	BBLS. WATER
1941	6,503	- - - -
1942	5,189	- - - -
1943	2,273	- - - -
1944	3,068	- - - -
1945	2,206	- - - -
1946	5,777	60,396 — 10 to 1
1947	8,155	86,470
1948	4,917	54,535
1949	7,644	79,956
1950	7,340	86,961
1951	4,252	59,415
1952	- - -	- - - -
1953	- - -	- - - -
1954	- - -	- - - -
1955	- - -	- - - -
1956	1,539	18,325
1957	2,768	- - - -
1958	2,556	23,026 — 9 to 1
1959	1,513	18,965
1960	1,212	16,105
1961	557	6,628
1962	1,372	15,380 — 11 to 1
1963		

Similar to 54-56 period of 15 which were abandoned in 1952

Similar to 1941 - 1946 period of State #1 which will abandoned in 1947

Separate spinner survey this well

Allowable 5436/90

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 12
Case No. 3029

State (#4J)
Location: NW/4 SE/4, Sec. 17, Twp. 20S, Rge. 30E
Completion Date: June, 1942

1965 (1969) max.

YEAR	BBLS. OIL	BBLS. WATER
1941	- - -	- - - -
1942	6,503	- - - -
1943	5,189	- - - -
1944	2,273	- - - -
1945	3,068	- - - -
1946	2,206	- - - -
1947	5,777	60,396
1948	8,155	86,470
1949	4,917	54,535
1950	7,644	79,956
1951	7,340	86,961
1952	4,252	50,415
1953	- - -	- - - -
1954	- - -	- - - -
1955	- - -	- - - -
1956	- - -	- - - -
1957	1,539	18,325
1958	2,768	- - - -
1959	2,556	23,026
1960	1,513	18,965
1961	1,212	16,105
1962	557	6,628
1963	1,372	15,380

10 to 1

9 to 1

11 to 1

Similar to 54-56 period of 15 which were abandoned in 1959

Similar to 1941 - 1946 period of State B #1K well abandoned in 1947

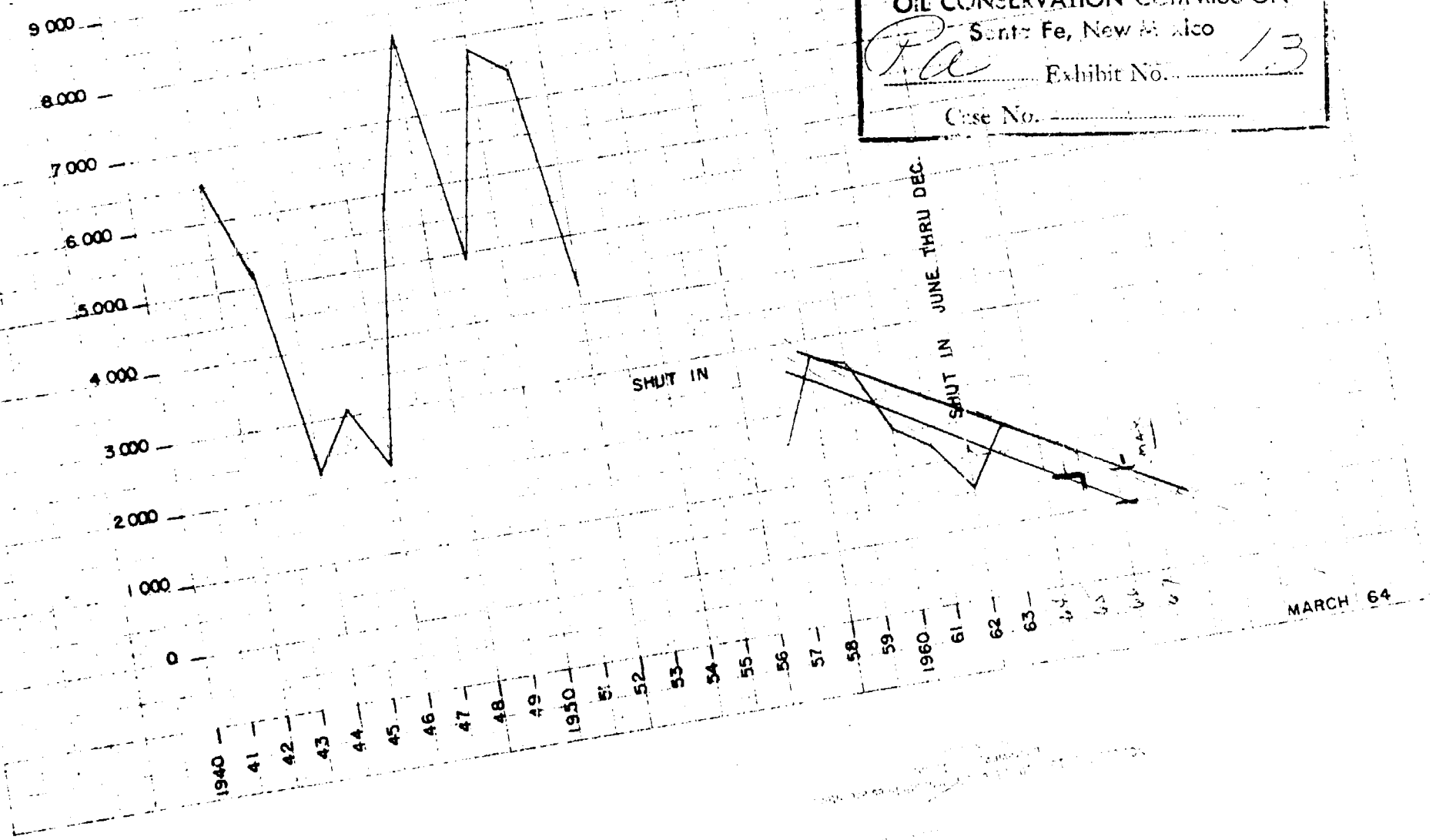
Apparent pinch on this well

ALLOWABLE 54 BO/yr.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Pardue Exhibit No. 12
Case No. 3029

BARBER POOL, EDDY CO., N.M.
SEC. 17 & 20, T 20 S, R 30 E
BARRELS OF OIL PER YEAR
FROM STATE O.C.C. RECORDS
FOR WELL NO 4 J

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 13
Case No.



Society of Petroleum Engineers of AIME
6300 North Central Expressway
Dallas 6, Texas

PAPER
NUMBER SPE 764

THIS IS A PREPRINT — SUBJECT TO CORRECTION

A STUDY OF CEMENT - PIPE BONDING

By

L. G. CARTER and G. W. EVANS, Halliburton Company, Duncan, Oklahoma

Publication Rights Reserved

This paper is to be presented at the California Regional Meeting to be held October 23-25, 1962 in Santa Barbara, California, and is considered the property of the Society of Petroleum Engineers. Permission to publish is hereby restricted to an abstract of not more than 300 words, with no illustrations, unless the paper is specifically released to the press by the Editor of the Journal of Petroleum Technology or the Executive Secretary. Such abstract should contain conspicuous acknowledgment of where and by whom the paper is presented. Publication elsewhere after publication in Journal of Petroleum Technology or Society of Petroleum Engineers Journal is granted on request, providing proper credit is given that publication and the original presentation of the paper.

Discussion of this paper is invited. Three copies of any discussion should be sent to the Society of Petroleum Engineers office. Such discussion may be presented at the above meeting and considered for publication in one of the two SPE magazines with the paper.

ABSTRACT

The emphasis placed on bonding with the introduction of Acoustic Cement Bond Logs has led to a study of many of the variables influencing this property, as well as methods for improving bond at the casing-cement interface. Special cementing problems concerning gas storage wells and tubingless completion wells have also indicated the need for better pipe-cement bonding. This presentation stresses some of the problems involved and possible solutions.

The application of a resin-sand coating at specific points on the casing will give a greater adhesion at cement-pipe interface. Resistance of the cement-pipe bond to fluid intrusion and loading is greatly increased. Laboratory and field results as well as acoustic logs emphasize the improvement in bonding when a roughness factor is introduced. Comparative bonding data both with and without mill varnish on the pipe are also evaluated.

INTRODUCTION

The two types of bonds to be considered in this presentation are shear and hydraulic bond between cement and pipe. Shear bond is defined as the bond that mechanically supports pipe in the hole, and is determined by measuring the force required to initiate pipe movement in a cement sheath. This force when divided by the cement-casing contact surface area yields the shear bond in psi. Hydraulic bond blocks migration of fluids in a cemented area and is determined by applying pressure at the pipe-cement interface until leakage occurs. The hydraulic pressure when leakage appears at either end of the specimen is defined as the bond failure pressure in psig. Gas bond tests were determined in the same manner as hydraulic bond tests using compressed air or nitrogen as the pressuring medium. Figure 1 illustrates the sample configuration generally used for determining these bond strengths in the laboratory. Dimensionally the specimens can be of any size without significant effect.[1]

Hydraulic bonding is of primary importance, particularly in isolating zones in a producing or injection well, as most cementing jobs provide adequate mechanical support (shear bond) to hold the pipe in place. This does not infer that shear bond should be overlooked in determining WOC time prior to subsequent drilling or completion work.[2,3]

In determining the bonding ability of cement to pipe it is necessary to consider the effect of various casing conditions and completion techniques if optimum bond is to be obtained and maintained. Some of the primary considerations in planning a more successful cement job from the casing bonding standpoint are:

1. Pipe surface finish.
2. Drilling fluid.
3. Thermal and stimulation stresses.
4. Casing equipment.

PIPE SURFACE FINISH

Hydraulic and gas bond were directly affected by the pipe surface finish against which the cement was placed. Types of casing investigated were steel and plastic as used in field applications. Hydraulic bonds were determined on steel pipe with the following surface finishes: New Mill varnish, Mill scale (Chemical removal of varnish), Sandblasted, Used (Rusty) and Resin-sand coated. Two types of plastic pipe used were filament wound and centrifugally cast with both smooth and rough external surfaces. Table 1 shows the

hydraulic, gas, and shear bond strength measurements of cement to steel and plastic pipe with varying external surface finishes. As may be seen, the rougher the external pipe finish, (Figure 2) the higher the hydraulic bond using either liquids or gas.

These bond strengths indicate the importance of preparing pipe surfaces prior to placement of cement in the well. As an example, mill varnish exhibits the lowest bond strengths compared with other types of finishes, with time dependency after setting being noted in new mill varnish pipe below 140°F. Table 2 illustrates the reduction in bonding of cement to pipe that occurs at about two days with this type of surface finish.

Acoustic cement bond logs were run on a test well to verify results obtained in physical bond measurement, and correlation was obtained in that acoustic logs indicated a corresponding reduction in bond from two to five days after cementing. It is evident that this low physical bond strength period would be a critical time for running acoustic logs or completion practices on new mill varnish pipe, especially where the temperature is below 140°F. This phenomenon of time dependency has not been evidenced on other types of pipe surfaces or at higher temperatures. At higher temperatures, the rate of cement expansion overcomes the time dependency effect of mill varnishes. At lower temperatures a longer time is required for the cement to expand sufficiently to overcome those effects. A comparison between various pipe finishes according to an acoustic bond log is shown in Figure 3. This log was run three and seven days after cementing. Subsequent logs showed the new and used pipe sections to be completely acoustically bonded. The joint of used pipe at 560 feet, showing higher amplitude, had sections of mill varnish still intact.

As would be expected, plastic pipe with smooth exterior surfaces exhibits similar hydraulic bond values to mill varnish casing. This type of casing with its lower collapse pressure flexes more readily than steel pipe; thus lower bond failure pressure was experienced with rough surface plastic pipe than with the corresponding steel pipe.

Application of a resin-sand coating to the pipe exterior resulted in considerable improvement in bond. This type of surface finish as compared to sandblasted pipe, illustrated in Figure 2, increases the shear bond strength about 20 times and the hydraulic bond approximately 2 times (Table 1). Even more pronounced improvement was noted for resistance to gas flow at the bonded interface. The resin-sand coat provides a rougher surface finish to which the cement can adhere; therefore, failure occurs within the cement sheath (Figure 4) after jet perforating rather than at the bond interface. The hydraulic bond failure pressure using water on this type of pipe finish is about 5 to 1 compared to new mill varnish pipe. Gas failure pressure is approximately 40 to 1 comparing resin-sand coated pipe to new mill varnish pipe.

DRILLING FLUIDS

Variations in hydraulic bond strengths were observed whenever pipe surfaces were wet with fluids other than water. Drilling fluids used in these tests included water base, oil base and inverted oil emulsion muds. Pipe surfaces coated with mud cause reduction of the cement-pipe bond, with oil wet surfaces exhibiting the lowest bond on equivalent pipe finishes. Under these conditions rougher surfaces again provide higher bonds than smooth surfaces. The bond of cement to an oil wet surface is approximately ½ that of a water-wet or dry surface (Table 3). This should be an important consideration in any well completion program. Therefore, the practice of running a chemical wash ahead of primary cementing jobs to remove the circulatable mud and return the casing to a water-wet surface condition is desirable.[4] The use of friction reducing additives in a cement slurry results in better mud removal thus providing a more satisfactory bonding condition.[5]

THERMAL AND STIMULATION STRESSES

The direction in which pressure is applied and the length of time pressure is held on the bonded interface are other important factors in hydraulic bonding. Two major applications of pressure should be considered: (1) Completion and stimulation pressure where maximum pressure is inside the casing; (2) Production pressures where formation pressures are maximum and tubing pressures are minimum.

Bearden and Lane[2] have pointed out that closed-in pressure after completion of a primary cement job is very detrimental to a cement-pipe bond. Additional work has been done on both hydraulic and shear bonding which verifies previous data.[1] Figure 5 shows the diameter expansion of unsupported pipe with reference to internal pressure.

The heat of hydration of a setting cement can produce a similar effect to internal pressuring of the casing and cause expansion of the pipe. Ability to dissipate this heat depends upon the thermal conductivity and heat capacity of the displacing fluid. The build-up of heat inside the casing will normally begin when the cement takes its initial set, with maximum increase in temperature occurring at a later stage. After the cement has set, the temperature will slowly return to that of the formation, causing the casing to contract. This expansion and contraction of the pipe places an additional stress on the casing and cement which could result in a decrease in bond strength. Additional damage to the bond might occur should the casing be closed-in at the time the temperature is rising inside the casing.

Temperature variations will occur throughout a cement column in a well due to the various types of formations encountered. Bond strengths normally develop more readily across porous formations than through impermeable formations such as shales due to possible cement dehydration. Faster bond strength development will also occur across higher temperature formations than opposite cooler zones. The use of proper cement additives and different types of cement can

minimize this variation.[6,7]

During stimulation through a perforation, high internal casing pressures may cause horizontal and vertical fracturing of the cement sheath. Vertical fracturing of the cement sheath normally occurs after hydraulic bond failure is initiated when the cement sheath is forced into tension by expansion of the pipe and pressure of the fluid between the pipe and cement.

Hydraulic bond failure extension is a time function dependent upon cement properties, pressure applied, and viscosity of the pressuring medium. The rate at which bond failure progresses has been measured in both laboratory and well tests. Laboratory investigation entailed measurements on ten foot lengths of hydraulic bond test specimens. Test well work consisted of cementing casing in a normal manner, with communication being established between two sets of perforations by use of a straddle packer. These investigations showed the bond failure rate with water varied between 1.125 feet per minute and 1.250 feet per minute. Laboratory tests indicate that even with stronger back-ups to simulate denser formations, the rate is approximately the same.

Normally, gas pressuring causes faster bond failure progression (linear rate) than water, oil or mud. For instance, gas pressuring tests indicate that bond failure progression is in excess of 20 feet per minute. Pressure requirements with gas, on similar type surfaces, are considerably lower than for water, being approximately 1/20 as great.

Inward pipe deflection has been calculated and then measured at 0.000015 inches at the time hydraulic bond failure occurred on used pipe. This will vary with the type of surface finish and pressuring medium. The above value was measured using water, while more viscous fluids should result in higher deflection, and gases would give lower readings.

Vertical bond failure will normally occur 30° either side of the pressure application point when a uniform cement sheath is in place around the pipe. Unequal distribution of cement may cause bond failure to occur at the weakest plane which could account for communication in multiple string tubingless completions.

CASING EQUIPMENT

Tests have been conducted on various types of casing attachments, such as collars, centralizers and wall cleaners, to evaluate their effect on hydraulic and shear bonding. Results indicate that casing intrusions into the cement column have little influence on hydraulic or gas bond failure pressure, but the rate of failure progression is apparently decreased. There is the possibility that in some instances casing attachments can be responsible for a change in direction of the hydraulic bond failure path. Attachments might direct bond failure from casing-cement interface to the formation-cement interface, which may fail at lower pressures as pointed out in previous work.[1] However, a large increase in shear bonding strength is obtained because of the necessity to shear a portion of the cement itself rather than the pipe-cement interface.

SUMMARY

1. Hydraulic and shear bond increases with surface roughness.
2. Viscosity of the pressuring fluid will increase bond failure pressure as viscosity increases.
3. Oil wet pipe surfaces reduce hydraulic and shear bond strength of cement to pipe.
4. A change in casing internal pressure and temperature will cause a corresponding change in hydraulic and shear bond strength.
5. Mill varnish has a detrimental effect on cement bond strengths.
6. Hydraulic bond failure is a function primarily of pipe expansion or contraction.
7. Casing attachments increase shear bond strength but have no significant effect on hydraulic bond failure.

CONCLUSION

In planning primary cementing jobs more consideration should be given to:

1. Casing surface finishes.
2. Cementing placement techniques.
3. Timing of operations in the cemented casing.

ACKNOWLEDGEMENT

The authors wish to express their appreciation to the management of Halliburton Company for permission to prepare and publish this paper. Appreciation is also extended to those in this organization who offered suggestions for the preparation of this paper; and especially to Glen Cordell, who helped obtain much of the data.

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TABLE 1

BONDING PROPERTIES OF VARIOUS PIPE FINISHES

Cement — API Class A Cement
Water — 5.2 Gallons Per Sack
Curing Temperature — 80°F.
Curing Time — 1 Day
Casing Size — 2 Inch inside 4 Inch

TYPE OF FINISH	BOND STRENGTH		
Steel	Shear PSI	Hydraulic PSIG	Gas PSIG
New (Mill Varnish)	74	200-250	15
New (Varnish Chemically Removed)	104	300-400	70
New (Sandblasted)	123	500-700	150
Used (Rusty)	141	500-700	150
New (Sandblasted - Resin-Sand Coated)	2400	1100-1200	400+
Plastic			
Filament Wound (Smooth)	79	210	———
(Rough)	99	270	———
Centrifugally Cast (Smooth)	81	220	———
(Rough)	101	310	———

TABLE 2

BOND STRENGTH

Casing Condition — New Mill Varnish
Cement — API Class A Cement
Water — 5.2 Gallons Per Sack
Curing Temperature — 100°F.

Time Days	Hydraulic (Water-PSIG)	Gas (Nitrogen-PSIG)	Shear PSI
1	200	15	74
2	170	10	63
3	210	30	72
4	250	40	74
5	270	55	76

TABLE 3

BONDING PROPERTIES ON SURFACE WETTING OF PIPE

Cement — API Class A Cement
Water — 5.2 Gallons Per Sack
Curing Temperature —80°F.
Curing Time — 1 Day
Casing Size — 2 Inch inside 4 Inch
Type Casing — Used

Type of Mud	Shear Bond PSI
None	141
Water Base	97
Inverted Oil Emulsion	66
Oil-Base	63

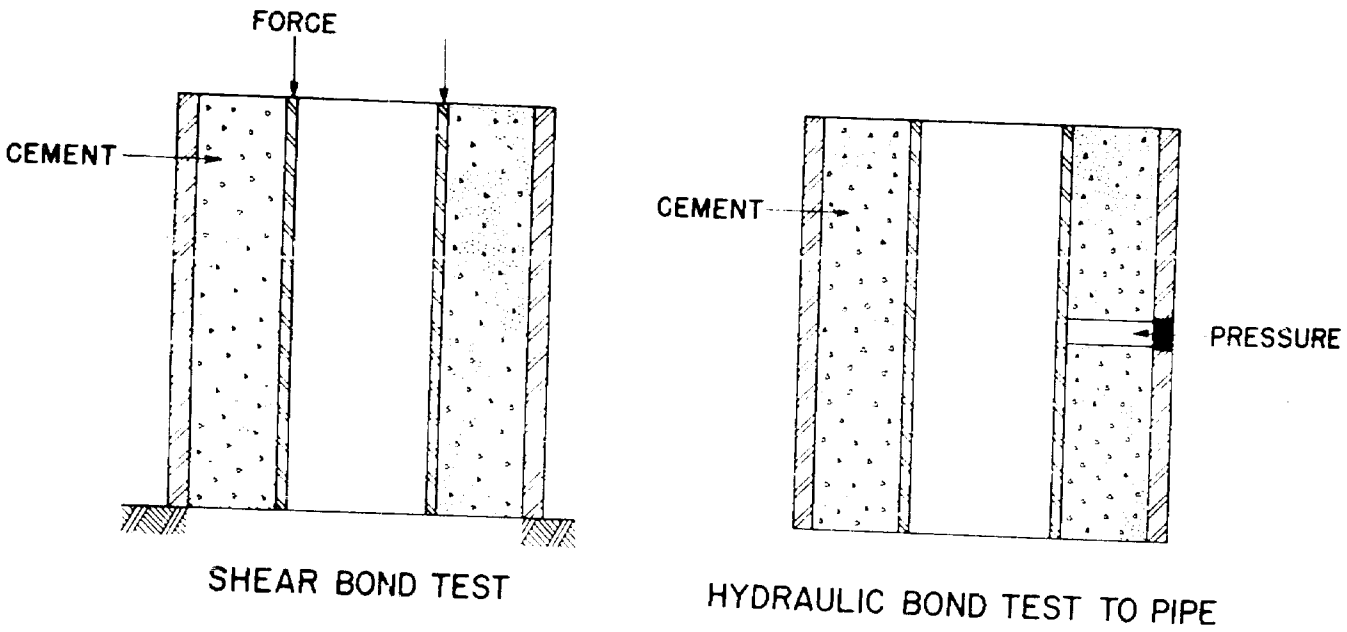
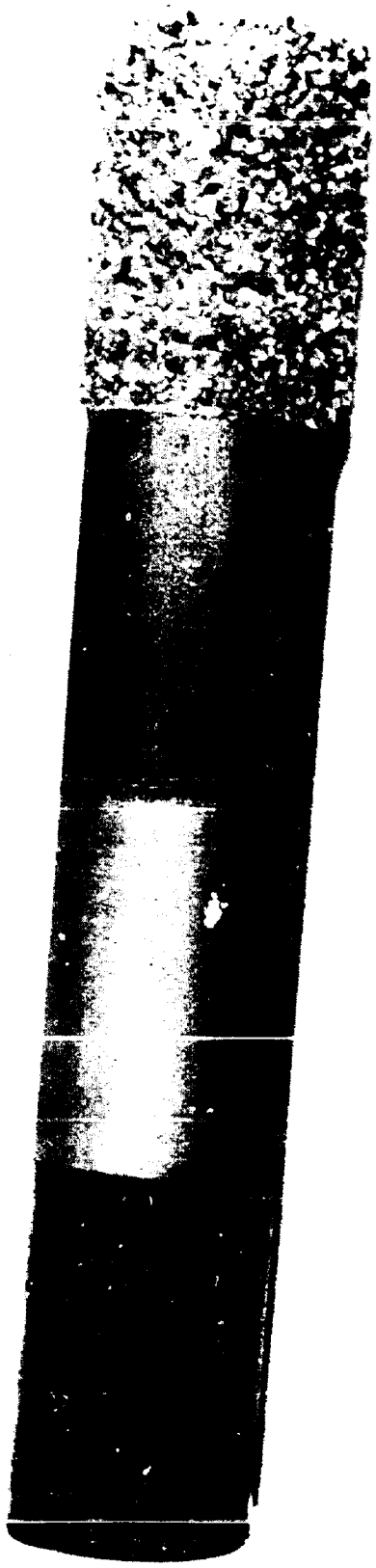
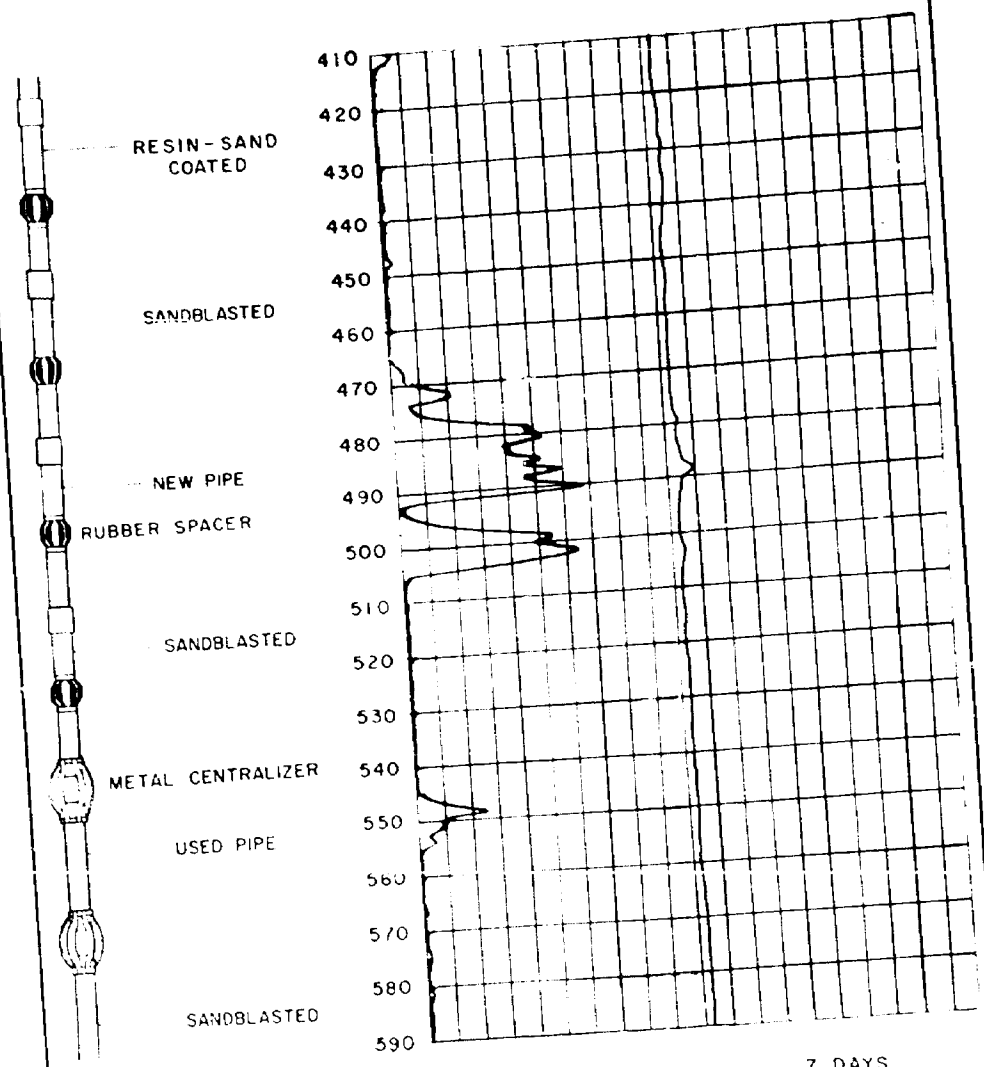


FIGURE 1



	Shear Bond PSI	Hydraulic Bond PSIG	Gas Bond PSIG
RESIN-SAND COATED	2400	1100-1200	400+
RUSTY	141	500-700	150-250
SAND BLASTED	123	500-700	150-250
MILL VARNISH	79	200	10-20

FIGURE 2



ACOUSTIC BOND LOGS

FIGURE 3



FIGURE 4

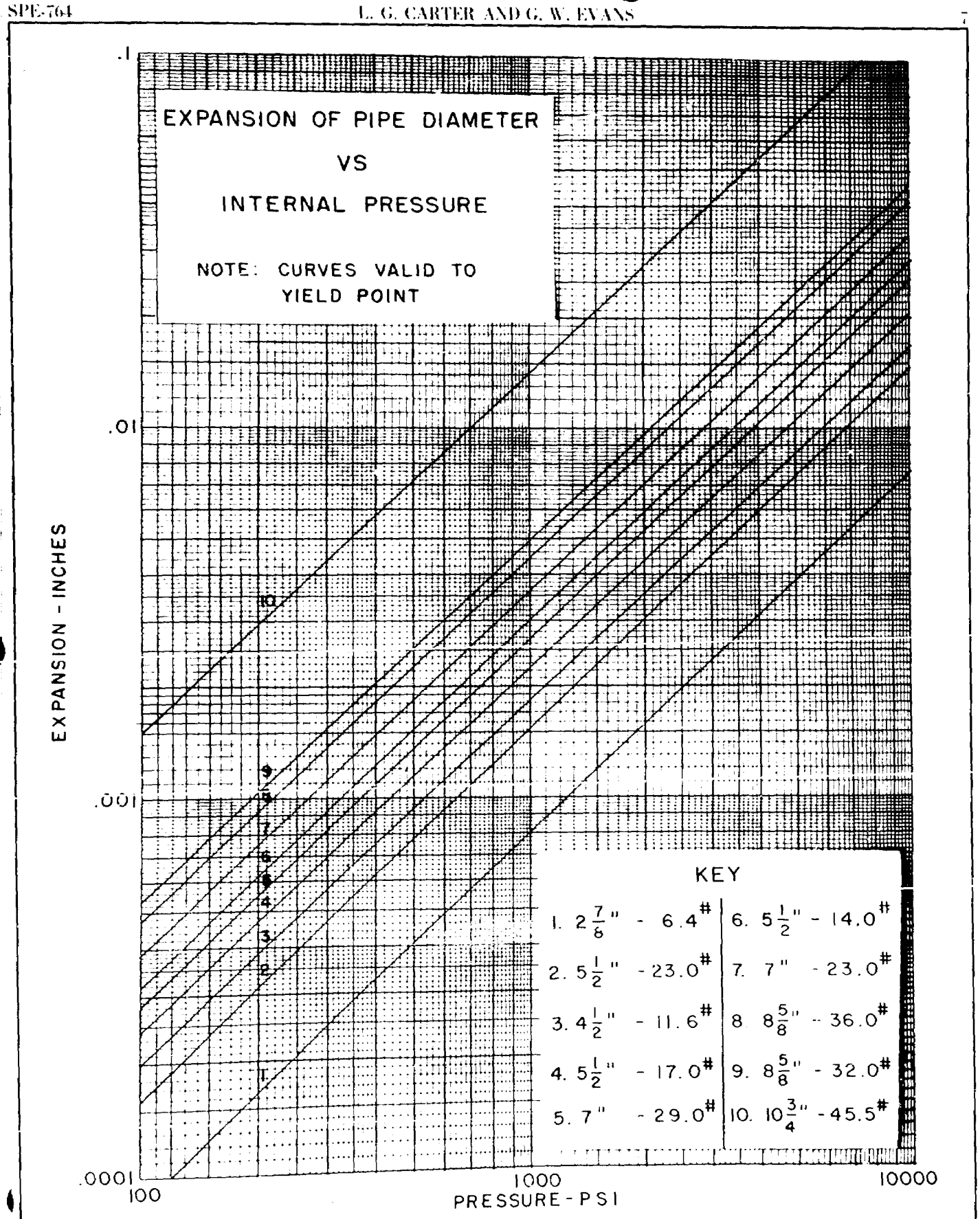
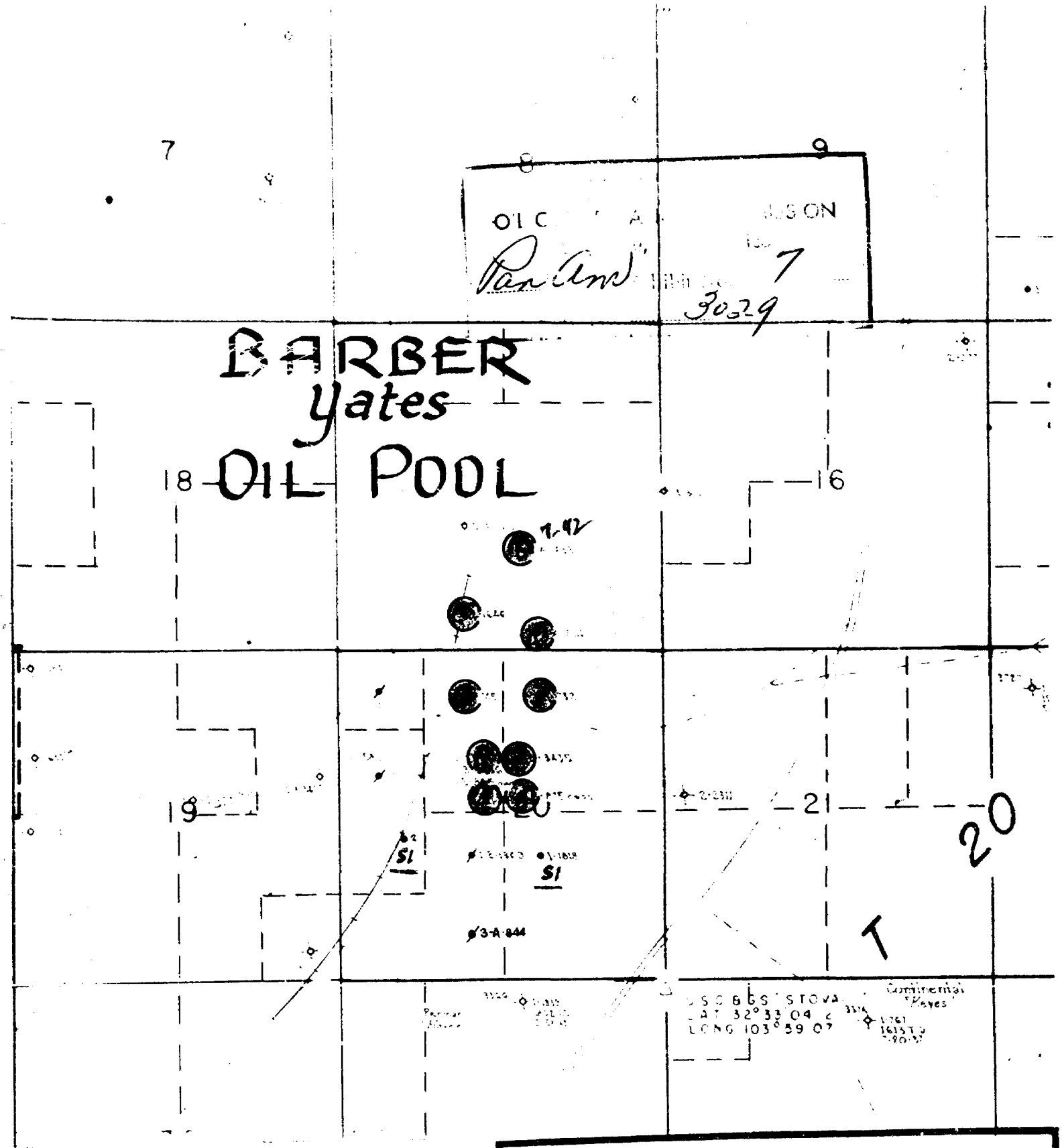

EXPANSION OF PIPE DIAMETER
VS
INTERNAL PRESSURE
NOTE: CURVES VALID TO YIELD POINT
EXPANSION - INCHES
.1
.01
.001
.0001
100
1000
10000
PRESSURE - PSI
KEY
1. 2 7/8" - 6.4#
2. 5 1/2" - 23.0#
3. 4 1/2" - 11.6#
4. 5 1/2" - 17.0#
5. 7" - 29.0#
6. 5 1/2" - 14.0#
7. 7" - 23.0#
8. 8 5/8" - 36.0#
9. 8 5/8" - 32.0#
10. 10 3/4" - 45.5#

FIGURE 5

COMPLIMENTS
OF

HALLIBURTON COMPANY
DUNCAN, OKLAHOMA

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Texaco Exhibit No. 6
Case No. 3029


7
8
9
OIL C A JAGON
Pan Am 7
3029
BARBER
Yates
OIL POOL
18
16
7-42
9
20
21
20
SI
SI
3-A-844
1
USGS STOVA
LAT 32°33'04"
LONG 103°59'07"
Continental Reeves
CURRENT PRODUCERS
SI. EQUIPPED for PRODUCTION
CURRENTLY SHUT-IN
-BARBER AREA-
Eddy Co., New Mex.
1"= 2000'
T-20-S, R-30-E
Exh 7

XEROX COPY

PROPOSED PAN AMERICAN STATE "CS" NO. 1
EDDY COUNTY, NEW MEXICO

RESERVES SUMMARY

Formation	Oil or Condensate, Bbls.	Gas, CF
Devonian	1,000,000	25,700,000,000
Strawn	1,580,000	26,900,000,000
Morrow	220,000	7,500,000,000

GROSS VALUE, THOUSANDS OF DOLLARS

	Devonian	Strawn	Morrow
Oil, Gross, W.I.	$ 2,420	$ 3,980	$ 525
Gross Royalty	350	570	75
Total Gross	2,770	4,550	600
Gas, Gross W.I.	3,820	1,880	1,090
Gross Royalty	550	270	150
Total Gross	4,370	2,150	1,240
Total Working Interest	6,240	5,860	1,615
Total Royalty Interest	900	840	225
Total Gross	7,140	6,700	1,840

W.I. INCOME, DOLLARS

	Devonian	Strawn	Morrow
W.I. Income	$ 5,590,000	$ 5,100,000	$ 1,450,000

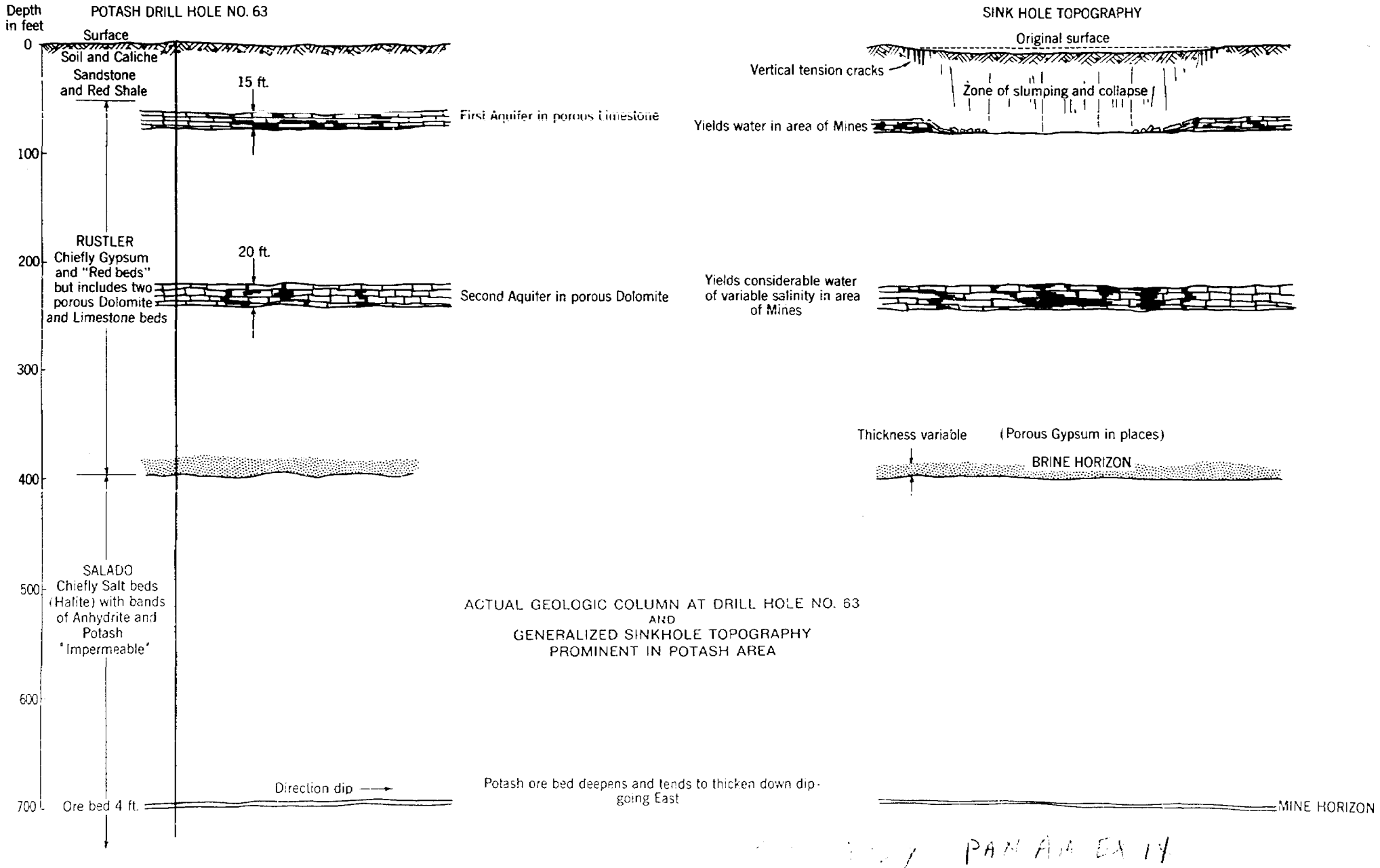
STATE AND FEDERAL ROYALTY INCOME, DOLLARS

State	$ 675,000	$ 630,000	$ 169,000
Federal	225,000	210,000	56,000

W.I. Income = (Oil Recovery x Oil Price + Gas Recovery x Gas Price) x Net Interest x (1-Taxes) - Expenses

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 11
Case No. 3029

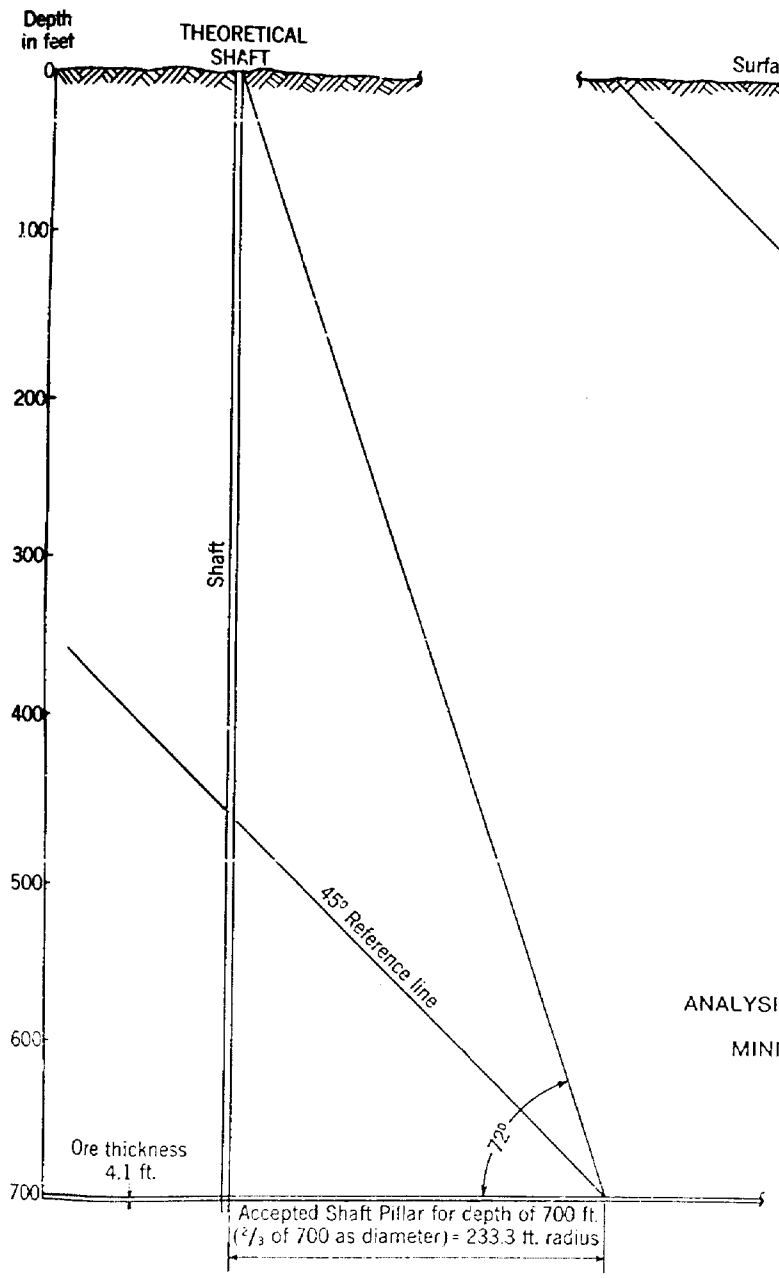
EXHIBIT NO. 1

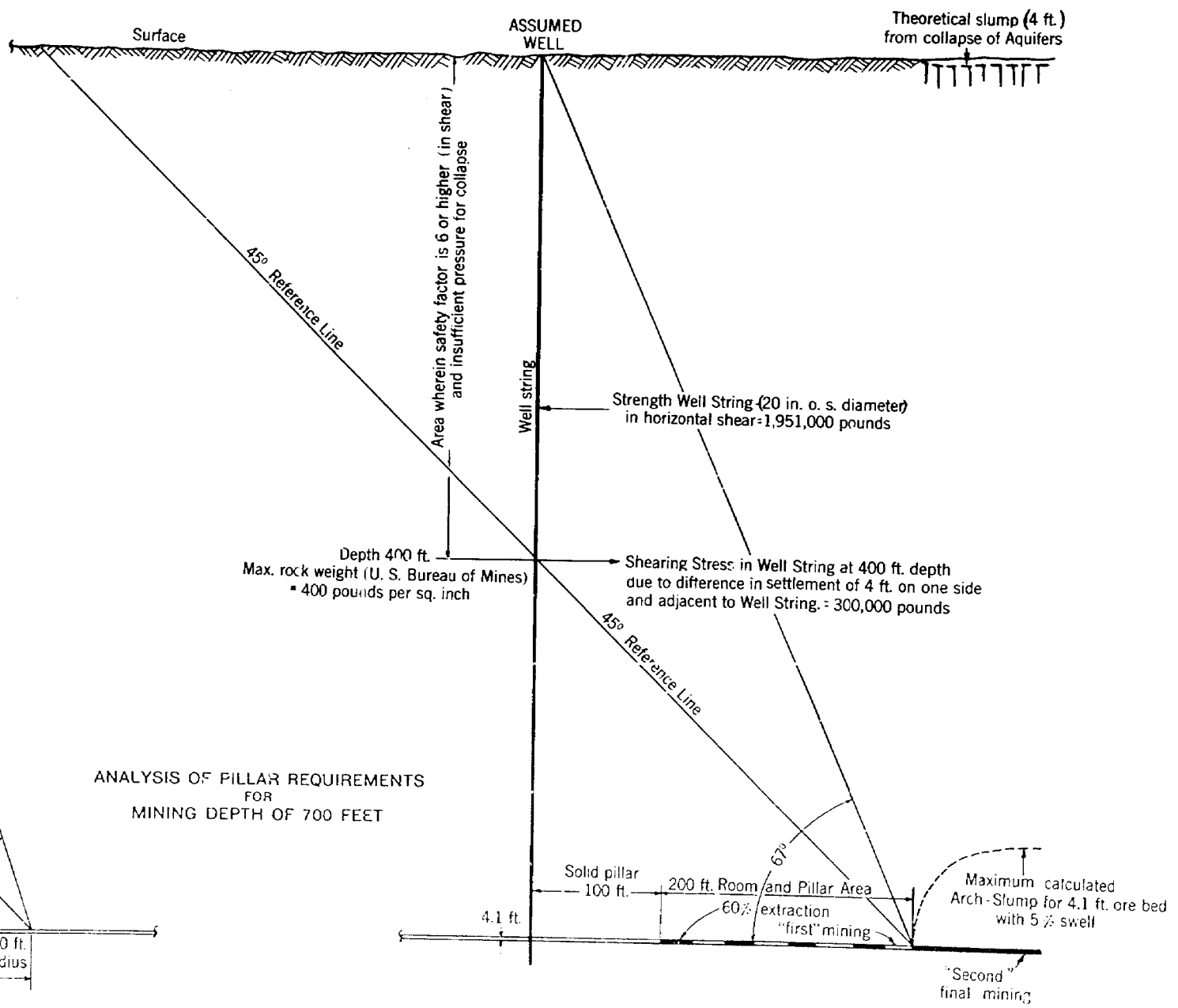


ACTUAL GEOLOGIC COLUMN AT DRILL HOLE NO. 63
AND
GENERALIZED SINKHOLE TOPOGRAPHY
PROMINENT IN POTASH AREA

PAN AM EX 14

EXHIBIT NO. 2





ANALYSIS OF PILLAR REQUIREMENTS
FOR
MINING DEPTH OF 700 FEET

EXHIBIT 3

Calculated Profit on Ore in Place Based on Statements in Annual Report of Potash Company of America

	1963		3-Year Average (1961 through 1963)	
Net Sales		$20,897,387		$20,419,558
Costs				
Cost of Sales	$12,392,150		$12,152,840	
Depreciation	910,868		817,078	
Selling, Administrative and General Expense	1,604,205	14,907,223*	1,601,060	14,570,978*
Profit from Operations before Taxes		$ 5,990,164		$ 5,848,580
Tax Estimate (Federal and State)		1,902,476		1,896,110
Net Profit after Taxes		$ 4,087,688		$ 3,952,470
Tons of Ore at Capacity		2,750,000		2,750,000
Indicated Profit per Ton of Ore		$ 1.49		$ 1.44

Use $1.45 per ton of Ore

(*) Exclusive of exploration and research, and depletion.

Estimated Value of Ore Denied in Well Pillar

	Tons		Tons Ore Denied
Total Ore in Solid Pillar (100 ft radius)	8,050		
Less:			
1. Already denied by well - (none assumed due to uncertain location)	-		
2. Unrecoverable (15%)	1,210		6,840
Total Ore in Room and Pillar Outer Circle (maximum 300 ft radius less inner solid pillar)	64,400		
Less:			
1. Unrecoverable (15%)	9,660		
2. Recoverable (60%)	38,640	48,300	16,100
TOTAL			22,940

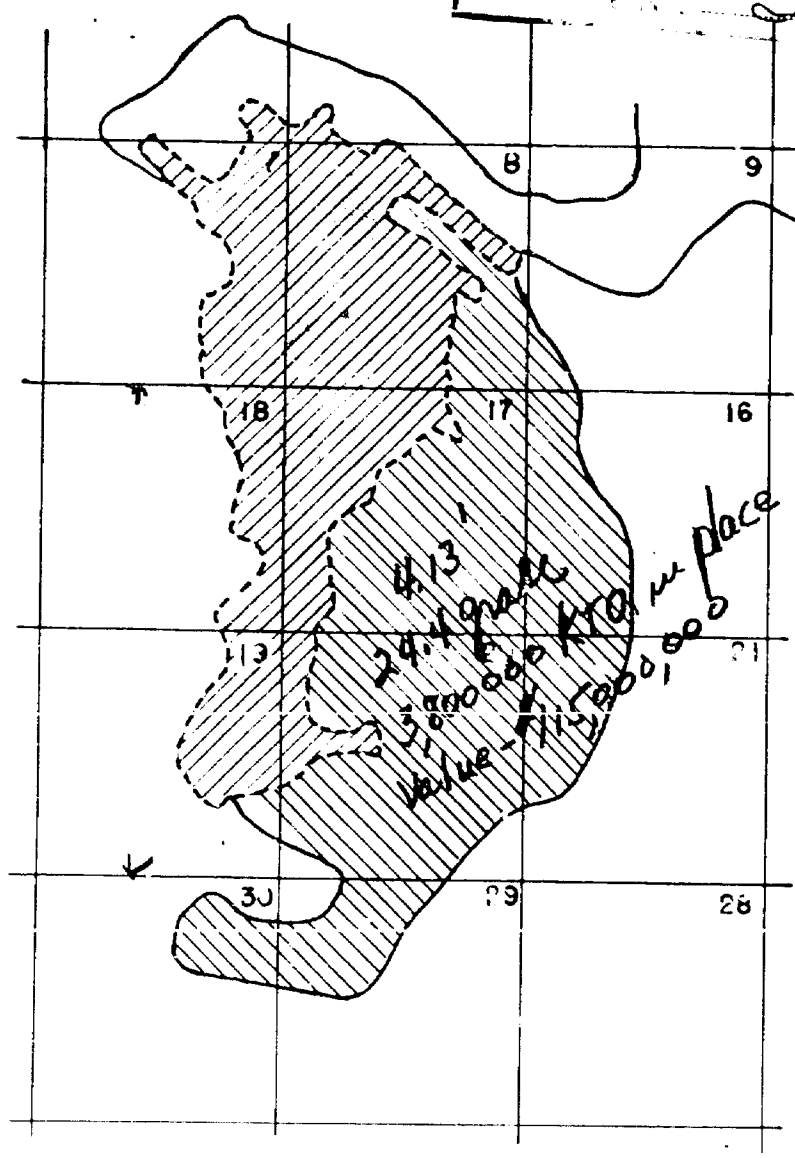
Note: 22,940 tons of ore is equivalent to less than 3 days mining.

Value of Ore in Place

22,940 tons @ $1.45 =	$33,263
Discounted 8 years @ 10% interest compounded (factor .46651) =	$15,520

PCA

3029



T 20 S , R 30 E

EDDY CO., N.M.

N.M., O.C.C., CASE 3029

EXH. # 11

APPROVED BY		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE 1" = 4000' DATE MARCH '64	DRAWN BY LPC CHECKED BY DIRECTED BY JBC DRAWING NO.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 1716
CARLSBAD, NEW MEXICO

April 10, 1964

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
P.C.A. Exhibit No. 1
Case No. 3029

Potash Company of America
P. O. Box 31
Carlsbad, New Mexico

Gentlemen:

You recently requested that this office compile data relative to the potash orebody contained in the SE¼, Sec. 17, T. 20 S., R. 30 E., N.M.P.M., New Mexico, which is embraced in your State of New Mexico potash lease, with special reference to unrecoverable tonnages and values involved in the event a high pressure gas or oil well should be drilled in the SE¼, Sec. 17, which would require protection when mining operations progressed to the vicinity of the well.

Data sheets are attached hereto which set forth the information desired. The four potash core tests located at the four corners of the SE¼, Sec. 17, indicate the potash orebody will average 4 feet in thickness with a grade of 24.8% K_2O. Tonnages are computed on the basis of 16 cubic feet = 1 ton. The average value per unit of K_2O during the current fertilizer year is 37.5 cents for standard muriate. Mining extraction is computed on the basis of 65% for first mining and 25% for second mining. Mill efficiency should approximate 90%. The orebody lies at an average depth of about 700 feet and observance of a 45 degree subsidence angle would be required to protect a producing oil or gas well. In the event of a high pressure gas well the normal 100-foot radius mine protection ore pillar adjacent to the well should be increased to at least a 200-foot radius pillar.

In summary, the potash orebody in the SE¼, Sec. 17, computes to a recoverable value of $81,870 per acre with a recoverable value per ton of ore of $8.35. Total losses involved in protecting a producing oil or gas well compute to 116,632 tons with a recoverable value of $973,877, consisting of a second mining loss of 88,358 tons and a well pillar loss of 28,274 tons.

While I am not aware of the future production potential of the Barber pool, the pool has been producing since discovery in 1937. In the normal course of events it would appear that, to some degree, production should be declining and the pool should be approaching economic exhaustion. If

this be true, it would not be unreasonable to assume that within the next sixteen years, which your company estimates as the remaining productive life of the mine, the pool wells normally would be plugged and abandoned, thus rendering available for mining the considerable tonnage of ore presently required to be left intact to protect the pool wells.

Very truly yours,

R. S. Fulton

R. S. Fulton
Regional Mining Supervisor

RSF:nb
Attachment:

POTASH ORE DATA - SE¼, SEC. 17, T. 20 S., R. 30 E., N.M.P.M.

Average thickness and grade of ore under 160-acre tract:

Well No.	% K_2O	Thickness in Feet	Assay Ft.
P-32	24.0	4.0	96.00
P-4A	22.5	4.0	90.00
P-64	21.6	4.0	86.40
P-63	30.9	4.0	123.60
		4/16.0	16/396.00

Average thickness = 4.0 ft; Average Grade = 24.75% K_2O

Average value per unit of K_2O = 37.5 cents

Recoverable Value/Acre = 2,722.5 x 4.0' x .2475 x .81 x 100 x .375 = $81,870

Recoverable Value/Ton = .2475 x .90 (Mill Efficiency) x 100 x .375 = $ 8.35

Recoverable Ore Tons and Values Involved in 700 ft. Radius Subsidence Area Containing 200 ft. Radius Solid Ore Pillar Left To Protect High Pressure Gas or Oil Well

Conditions: 16 cu. ft. = 1 ton; first mining extraction = 65%; second mining extraction = 25%; mill efficiency = 90%; average depth of orebody = 700 feet.

Total subsidence area = πr^2 = 3.1416 x $(700')^2$ = 1,539,384 sq. ft.

Total tons contained ore = $\frac{1,539,384 \times 4 \text{ ft.}}{16}$ = 384,846

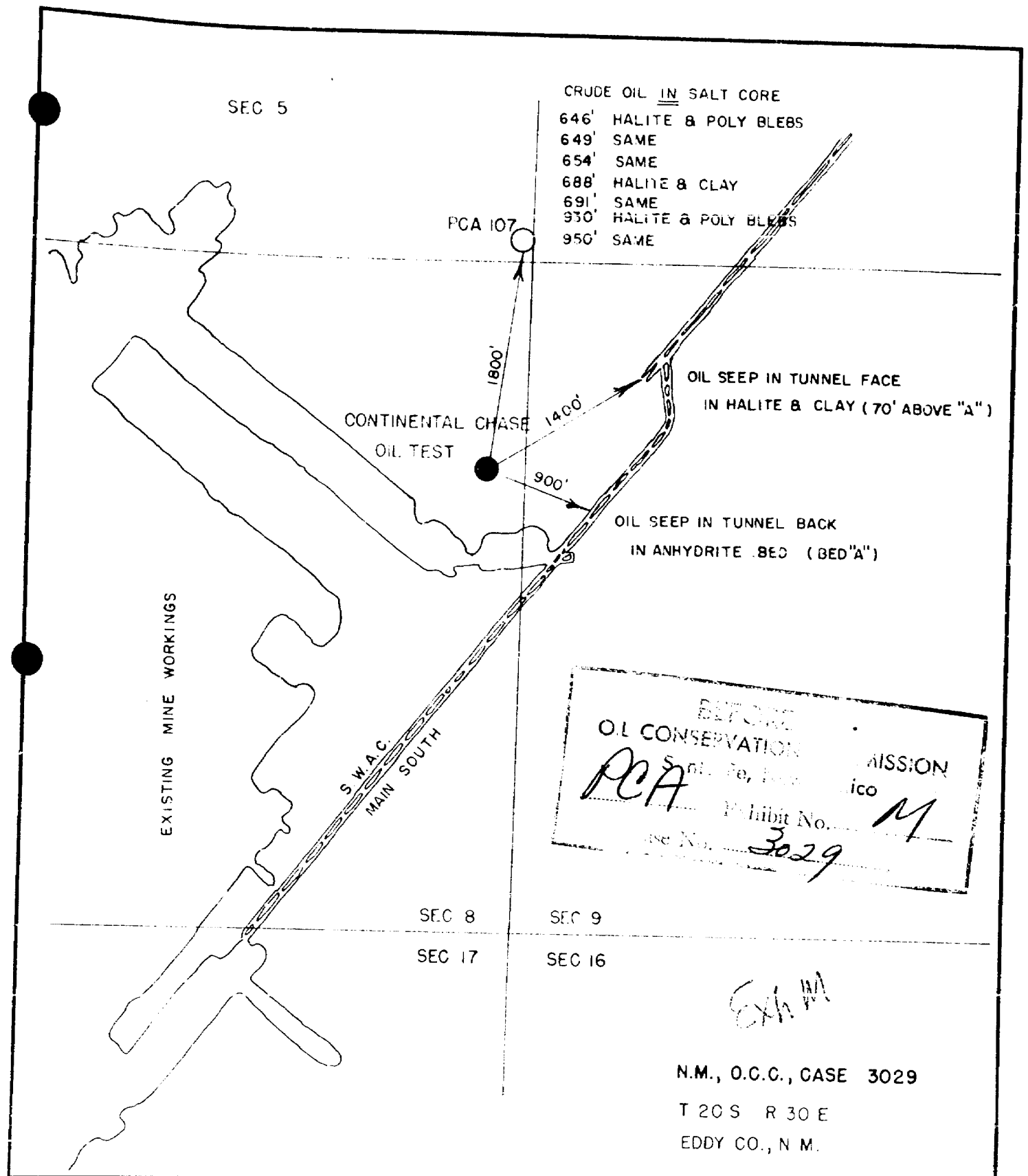
Solid Ore Pillar Area = πr^2 = 3.1416 x $(200')^2$ = 125,664 sq. ft.

Total Tons contained ore = $\frac{125,664 \times 4 \text{ ft.}}{16 \text{ cu. ft.}}$ = 31,416

	Recoverable Tons		Value/Ton	Recoverable Value
1st Mining (65% ext.)	250,150		$ 8.35	$ 2,088.753
2nd Mining (25% ext.)	96,212		"	803,370
Total Mining	346,362		$ 8.35	$ 2,892,123
Pillar Stumps (10%)	(38,484)	Not	Recoverable	($ 321,341)
Total Ore	384,846		$ 8.35	$ 3,213,464

Recoverable Ore Tons and Value Lost in 700-ft. Radius Subsidence Area Containing 200-ft. Radius Solid Ore Pillar to Protect Well:

	Tons	Value/ton	Total Value
Total Subsidence Area	384,846	$ 8.35	$ 3,213,464
Less Ore Pillar Area	- 31,416	"	- 262,324
Available Ore	353,430		$ 2,951,140
Lost 2nd Mining (25% ext.)	- 88,358	"	- 737,789
Lost Recoverable Ore in Pillar (90% ext. of 31,416 tons)	- 28,274	"	- 236,088
Total Recoverable Ore Lost	116,632	$ 8.35	$ 973,877



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
PCA
Exhibit No. M
Case No. 3029

Exh M

N.M., O.C.C., CASE 3029

T 20 S R 30 E

EDDY CO., N M.

APPROVED BY	SHOWING CONTINENTAL CHASE OIL TEST AND THE AREAS WHERE CRUDE OIL HAS BEEN ENCOUNTERED IN SALT	POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE- 1" = 1000' / DATE- MARCH 64	DRAWN BY LFC / CHECKED BY / DIRECTED BY JBC / DRAWING NO.

K-E

GENERAL SERVICES ADMINISTRATION
NATIONAL ARCHIVES AND RECORDS SERVICE

THE NATIONAL ARCHIVES

PCA 3029

to whom these presents shall come, Greeting:

Certify *That the annexed copy, or each of the specified number of copies, of each document listed below is a true copy of a document in official custody of the Archivist of the United States.*

Public Land Order 2199
/8446/

Utah

Withdrawing Public Lands From Oil and Gas Leasing For Preservation and Development of Potash Deposits Belonging to the United States

In testimony whereof, *I, WAYNE C. GROVER, Archivist of the United States, have hereunto caused the Seal of the National Archives to be affixed and my name subscribed by the* Director, Office of the Federal Register *of the National Archives, in the District of Columbia, this* 9th *day of* April *19*64.

Wayne C. Grover
Archivist of the United States

By Daniel C. Beckhart

GSA [illegible]-71

NAR-350 · AUGUST 1959
(Formerly GSA Form 86)

GENERAL SERVICES ADMINISTRATION
NATIONAL ARCHIVES AND RECORDS SERVICE

C

THE NATIONAL ARCHIVES



PCA
3029
O

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Public Land Order 2199
[8446]47

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By *David C. Eberhart*

GSA WASH DC 60-74

NAR-350 • AUGUST 1959
(Formerly GSA Form 86)

415

LO- 8239

UNITED STATES
DEPARTMENT OF THE INTERIOR

CODE OF FEDERAL REGULATIONS
TITLE 43--PUBLIC LANDS: INTERIOR

Chapter I--Bureau of Land Management
Appendix--Public Land Orders

Public Land Order 2199

[8446]

UTAH

WITHDRAWING PUBLIC LANDS FROM OIL AND GAS LEASING FOR PRESERVATION AND DEVELOPMENT OF POTASH DEPOSITS BELONGING TO THE UNITED STATES

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

1. The following described lands are hereby withdrawn from appropriation under the oil and gas leasing provisions of the Mineral Leasing Act of February 25, 1920 (41 Stat. 437; 30 U.S.C. 181, et seq.), as amended and supplemented for the purpose of preservation and development of potash deposits belonging to the United States:

Salt Lake Principal Meridian

T. 26 S., R. 20 E.,
secs. 22 to 27, incl.;
sec. 34, E½;
secs. 35 and 36.

T. 27 S., R. 20 E.,
sec. 1;
sec. 2, lots 1, 2, 7, 8, and $S\frac{1}{2}NE\frac{1}{4}$.

T. 26 S., R. 21 E.,
secs. 30 to 32, incl.

T. 27 S., R. 21 E.,
secs. 4 to 6, incl.;
sec. 7, lots 1 to 4, incl., and $NE\frac{1}{4}$;
sec. 8, $N\frac{1}{2}$;
sec. 9, $N\frac{1}{2}$.

The areas described aggregate approximately 11,128 acres, of which approximately 9,445 acres are public lands.

2. The withdrawal effected by this order shall terminate ten years from and after the date of the publication of this order in the Federal Register unless it is extended by an appropriate order of extension. Upon the termination of the withdrawal, the lands shall again be subject to leasing for oil and gas development purposes upon such terms and conditions as the Secretary of the Interior may specify in an order of opening, consistent with the then existing law and regulations.

AUG 29 1960

Under Secretary of the Interior

THE NATIONAL ARCHIVES
AND RECORDS SERVICE

SEP 2 8 07 AM '60

THE FEDERAL REGISTER
DIVISION

Saskatchewan foremost in potash

GREAT NATURAL MARKET

Local potash ore has market advantages

The following remarks by IMC's Vice President A. E. Cascino, to the special preview guests last week, indicate the thriving market for Esterhazy potash:

Because of its location and the high grade of its ore, this mine has certain advantages that put it in a unique position.

We have a productive capacity of 1,000,000 tons a year —which is a lot of potash in anybody's book. Yet — because of economics peculiar to the potash industry — we actually find ourselves with a market potential of six million tons a year.

Basically, this is because of the fact that 114 nations in the world consume potash — and less than a dozen have potash deposits within their own borders.

Consequently, each producing point has its own natural market — a natural market being that portion of the world to which any given producer can ship more economically and efficiently than any other producer.

Six factors govern any producer's ability to compete in a foreign market. These are: grade of ore, mining costs, shipping costs from mine to port of embarkation, vessel loading costs, shipping cost from port of embarkation to port of debarkation, and finally, processing costs within the customer's plant.

Extensive computations reveal that Saskatchewan potash is so strategically located, and the ore is so rich, that any other producer would have to reduce its prices at the mine merely to match the customers landed costs for our potash.

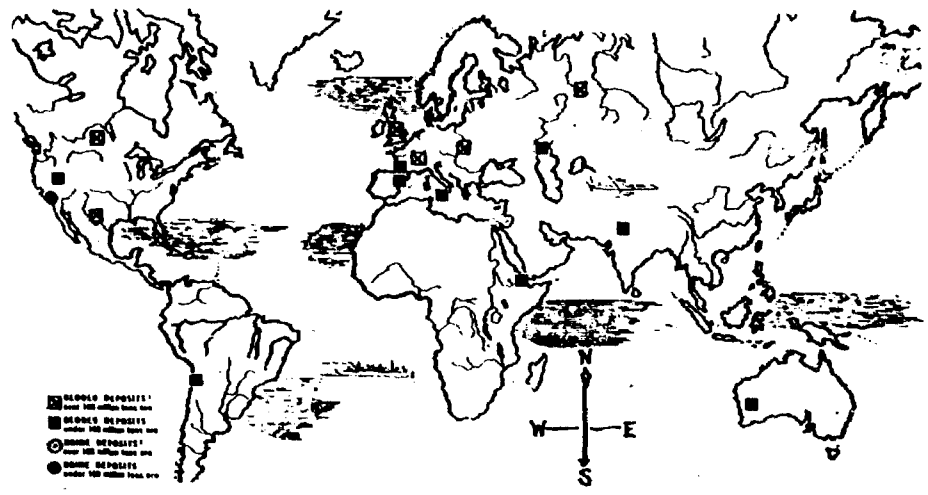
And the area in which this holds true, our natural market area — is all of the Western hemisphere above the middle of the United States, with the exception of eastern Greenland; Australia and most of the islands of the South Pacific, and all of Free Asia as far west as half of India. Most importantly, Japan is part of this natural market.

While these facts alone do not assure the sale of more than a million tons a year, they do constitute a tremendous economic advantage. And when this advantage is added to the many others we possess, it is easy to see why we are confident of Esterhazy's future.

We have a full line of services, sizeable captive consumption, many attractive reciprocity agreements, the largest technical staff in the industry, a host of agronomists, a well trained and established overseas sales force based in strategic locations, and — very significantly — long-standing and intimate relationships with large customers in foreign markets.

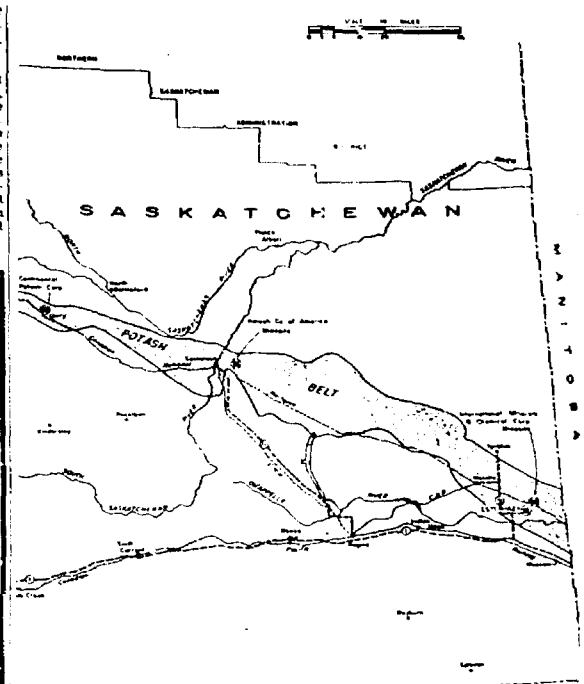
It is interesting that this natural market for Canadian potash does not impinge on the natural markets for U. S. potash, including our own potash mine and refinery at Carlsbad. The natural market for U. S. producers is all of North America and South America, below the middle half of the United States.

Naturally, the arrival of Canadian potash on the market will cause some displacement, but those most affected will be the older European producers. Even so, prices should remain firm. It simply will not be economical to try to compete with Canadian potash within its natural market. Moreover, demand for potash is growing at an annual rate of half a million tons. There is plenty of market for all.



This map shows the distribution of potash deposits throughout the world. On the North American continent there are only two bedded deposits of over 100 million tons, in Saskatchewan and New Mexico. Brine deposits are found in California, and in the great salt lake in Utah. The bedded deposits are layers of potassium salts deposited in the evaporation of ancient seas, and in these bedded deposits lie most of the world's potash. The brine deposits refer to a still incompletely evaporated lake, or seas, such as the Dead Sea. Potash can be recovered from brine by a further evaporation process.

Map from IMC World



The mighty deposits of potash laid down under Saskatchewan by the ancient seas extend in a varying belt from Manitoba to Alberta running in a northwest direction. The potash deposits extend only a short distance into Manitoba, and little is reported in Alberta.

Three shafts have been sunk in the province to seek the potash. The one at Unity was started some years ago, and work has since been stopped for various reasons. The Potash Company of America sank a shaft at Patience Lake, near Saskatoon, four years ago, and they were the first people to produce potash in Saskatchewan.

After a few months operation the mighty forces of the underground water endangered the shaft, and production had to cease because of the water entering the shaft. The task of shutting off the water has been going on ceaselessly at Saskatoon since that time, but production is still some time away.

The IMC shaft at Esterhazy was started in 1957, and production began this fall. The use of "freezing" in the Blairmore, and very extensive grouting in other water bearing areas, has given a sound shaft here, with no water problems that will hinder the steady production of potash for many, many years.

CONGRATULATIONS

to

International Minerals and Chemical Corporation (Canada) Ltd.

on the occasion of K-Day, September 20th, 1962, marking the start of full production at their potash mine and refinery at Yarbo.

-from-

The Miner Rubber Company LIMITED

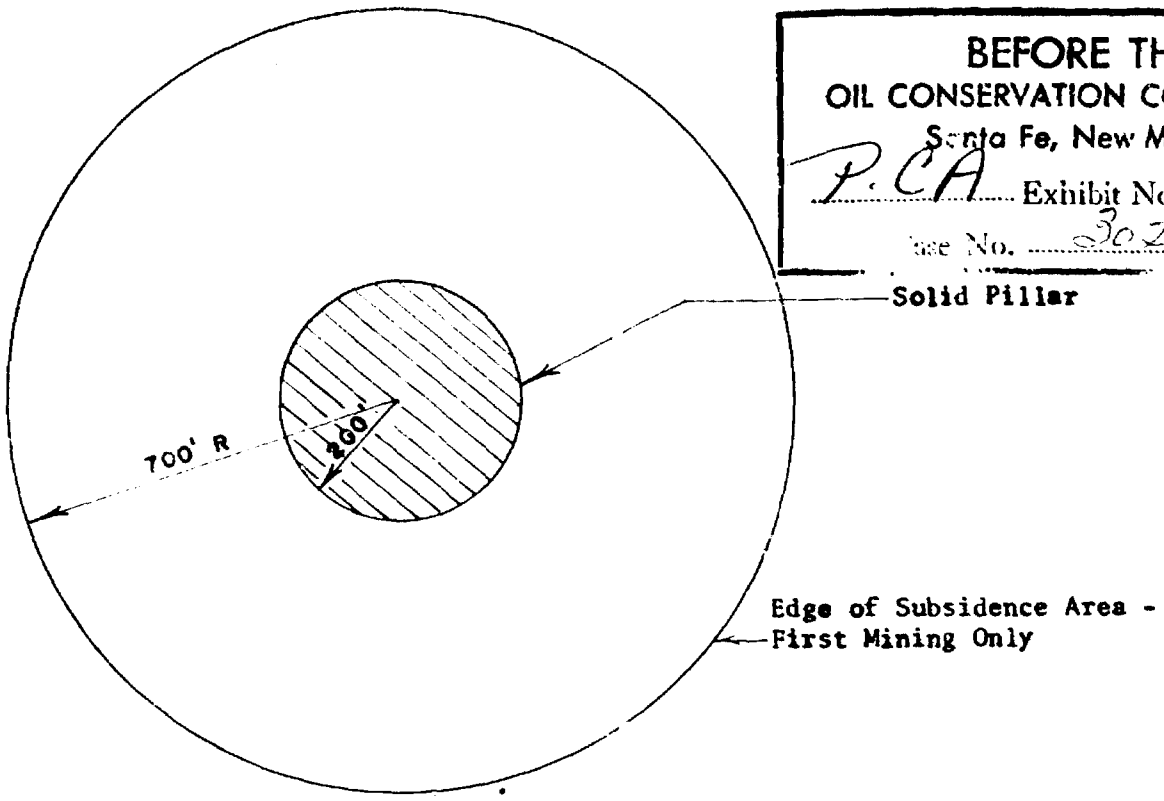
Makers of Black Diamond Industrial Clothing and Safety Rubber Footwear

435 Cumberland Ave., Winnipeg 2, Man.

7

LOSS OF POTASH - OIL OR GAS WELL - PAN AMERICAN AREA

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
P.C.A. Exhibit No. 7
Case No. 3029



Factors:

(a) Thickness = 4.13'; (b) Ore Grade = 24.4% K_2O; (c) Extraction - 1st. Mining = 65% 2nd Mining = 25% - Total = 90%; (d) Tonnage Factor = 15.3 Cu. ft./ton; (e) Value = 37.5¢/Sh. Ton Unit K_2O; 90% Mill recovery; (f) Average depth to ore zone = 700'; Draw or subsidence angle = 45 degrees.

Ore Lost Area "A"

$$\frac{3.1416 \times (200')^2 \times 4.13' \times 0.90}{15.3} = 30,530 \text{ Tons}$$

30,530 T. x 24.4% K_2O x 37.5¢/Unit x .90 = $251,700 Value

Ore Lost Area "B"

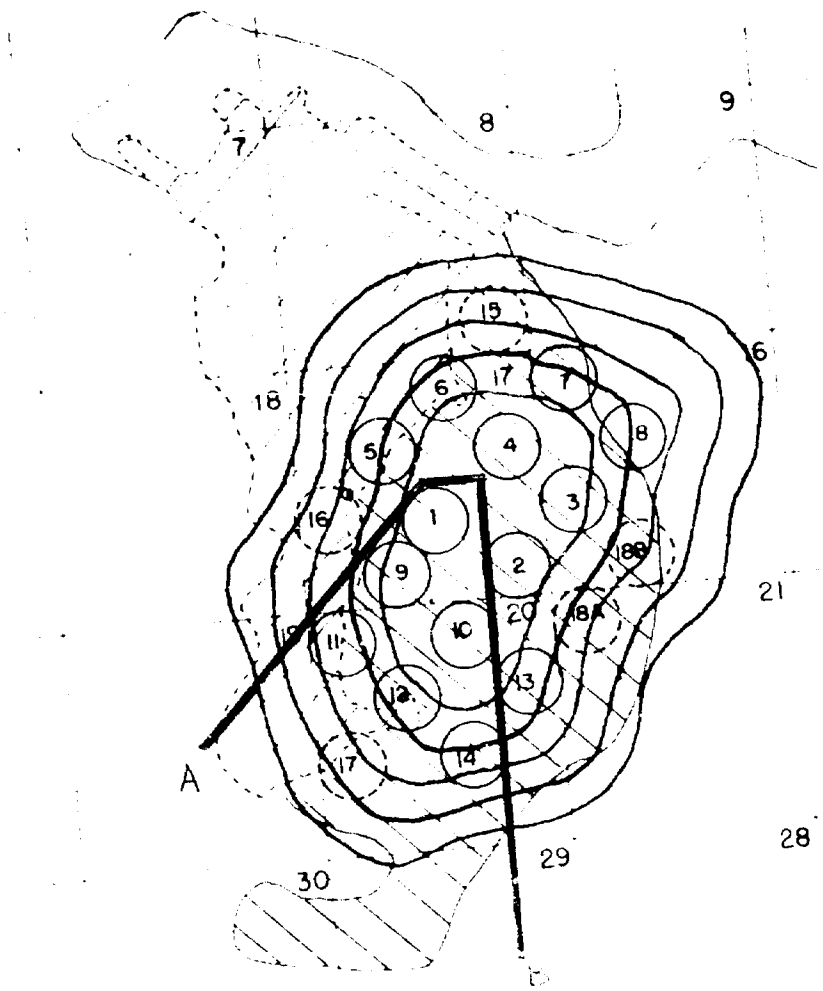
$$\frac{[3.1416 \times (700')^2 - 3.1416 \times (200')^2] \times 4.13' \times 0.25}{15.3} = 95,400 \text{ Tons}$$

95,400 T. x 24.4% K_2O x 37.5¢/Unit x .90 = $785,630 Value

Total Ore Lost, Areas "A" and "B"

	Tons	Value
"A"	30,530	$ 251,400
"B"	95,400	785,630
Totals	125,930	$1,037,030

JBC
Mar., 1964

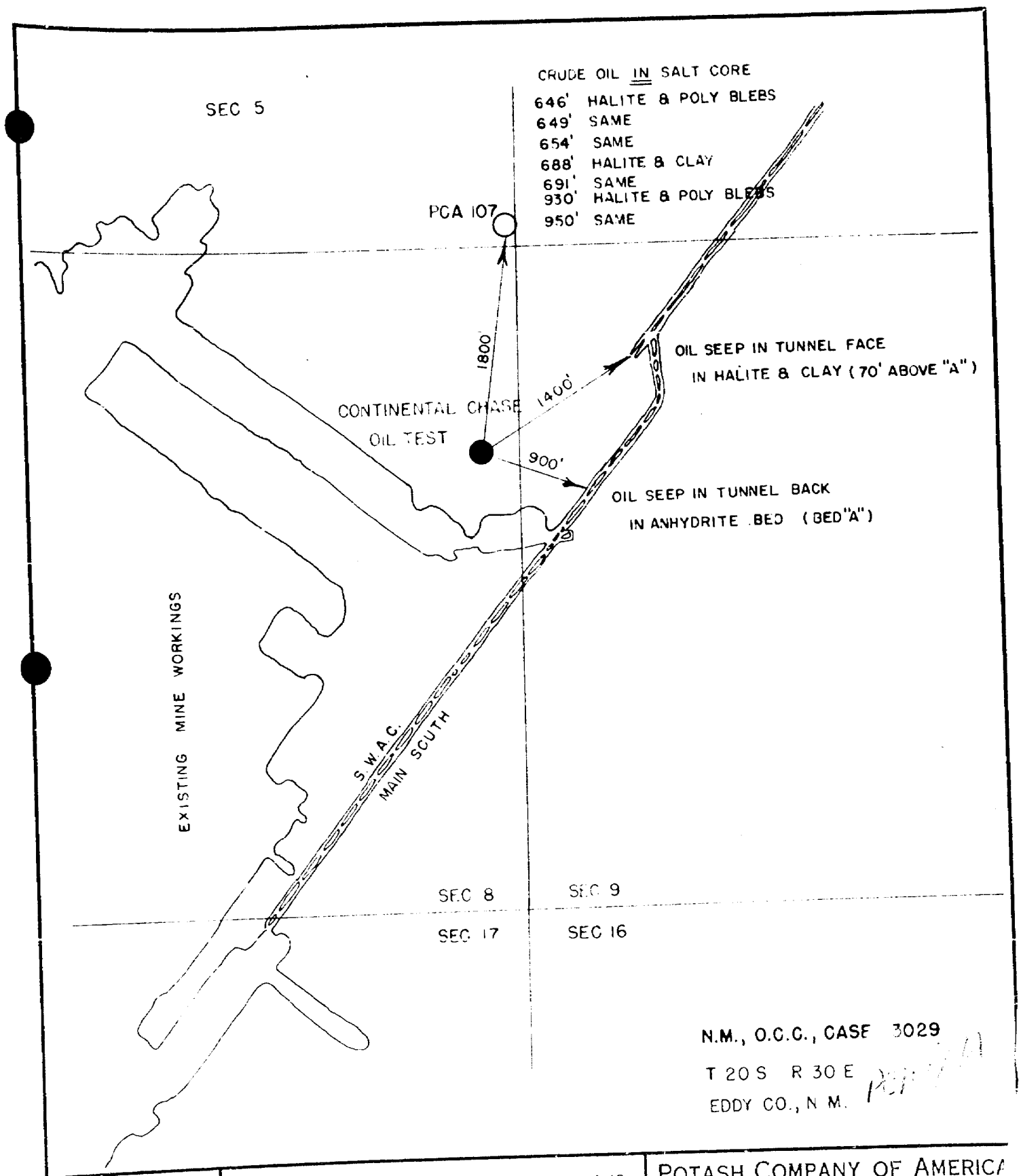


T 20 S , R 30 E

EDDY CO., N.M.

N.M., O.C.C., CASE 3029

APPROVED BY		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE 1" = 4000' DATE MARCH '64	DRAWN BY L.P.C. CHECKED BY DIRECTED BY J.B.C.
		DRAWING NO



N.M., O.C.C., CASE 3029

T 20 S R 30 E

EDDY CO., N M.

APPROVED BY	SHOWING CONTINENTAL CHASE OIL TEST AND THE AREAS WHERE CRUDE OIL HAS BEEN ENCOUNTERED IN SALT.		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
			DRAWN BY LPC / DRAWING N
			CHECKED BY
	SCALE- 1" = 1000'	DATE- MARCH 64	DIRECTED BY JBC

K&E

T. 13 N., R. 20 W.,
Secs. 1, 3, 5, 7, 9, 11, 13, 15, 17, and 21;
Sec. 23, SW¼;
Secs. 25, 27, and 29;
Sec. 31, less R/W AT&SF Ry., Manuelito Pipeline;
Sec. 33;
Sec. 35, N½ and SW¼.
T. 11 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1 through 6, Incl., S½NE¼ and SE¼;
Secs. 11 and 13;
Sec. 15, lots 1, 2, 3, and 4, E½.
T. 12 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1 through 6, Incl., S½NE¼ and SE¼;
Sec. 11;
Sec. 13, NE¼ and S½;
Sec. 15, lots 1, 2, 3, 4, E½;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, 4, E½;
Sec. 35.
T. 13 N., R. 21 W.,
Sec. 1, less R/W AT&SF Ry., FAP 76-B;
Sec. 3, lots 1, 2, 3, and 4;
Sec. 13, SE¼NE¼, NW¼NW¼, S½NW¼, and S½;
Sec. 15, lots 2, 3, 4, less R/W FAP 76-B;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35.
T. 14 N., R. 21 W.,
Sec. 1, N½ and SW¼;
Sec. 3, lots 1, 2, 3, and 4;
Secs. 11 and 15;
Sec. 15, lots 1, 2, 3, and 4;
Sec. 23;
Sec. 25, S½N½ and S½;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35, NE¼NE¼, S½NE¼, SW¼NW¼, and S½.
T. 15 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1, 2, 3, and 4;
Secs. 11 and 13;
Sec. 15, lots 1, 2, 3, and 4;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35, W½.

The areas described aggregate 241,807.89 acres.

5. Some of the lands described in paragraph 2 of this order were declared by the Act of August 13, 1949 (63 Stat. 604; 25 U.S.C. 622), to be held by the United States in trust for the respective tribes, bands, or groups of Indians occupying and using them. The remainder were by the said Act declared to be public domain. As authorized by the said Act, an order of the Secretary of the Interior appearing at pages 1851-1858 of the FEDERAL REGISTER of March 31, 1950, identified the lands in the respective categories. The public domain lands were opened by a Bureau of Land Management order of November 13, 1953 (18 F.R. 7496-7497).

6. The lands in the withdrawal of July 8, 1931, described in paragraph 3 of this order have been included in other orders of revocation or have been otherwise disposed of, with the exception of the following-described lands:

T. 2 N., R. 6 W.,
Sec. 6, lot 3 and SE¼NW¼.

7. The lands withdrawn by paragraph 4 of this order are all within the revocation made by paragraph 1. The objective of paragraph 4 of this order is to establish for ready reference the lands still remaining in the withdrawal created by the order of September 1, 1939, and to establish with certainty, without reference to other sources, the identity of those lands, at the same time releasing from the withdrawal made by the order of September 1, 1939, all lands no longer withdrawn for its purposes, because disposed of by exchange or otherwise.

8. Beginning at 10:00 a.m. on October 1, 1960, the lands in section 6, T. 2 N., R. 6 W., described in paragraph 6 of this order, shall be open to application, petition, location and selection, under applicable nonmineral public land laws, subject to valid existing rights, the requirements of applicable law, and the six-months preference right filing period granted to the State of New Mexico, by subsection (c) of section 2 of the act of August 27, 1958 (72 Stat. 928; 43 U.S.C. 851-2).

9. The lands described in paragraph 6 shall be open to location under the United States mining laws and to applications and offers under the mineral leasing laws at 10:00 a.m. on February 25, 1961. Mining locations made prior thereto shall be invalid.

10. Inquiries concerning the lands shall be addressed to the Manager, Land Office, Bureau of Land Management, Santa Fe, New Mexico.

ROGER ERNST,
Assistant Secretary of the Interior.

AUGUST 26, 1960.

[F.R. Doc. 60-8238; Filed, Sept. 2, 1960; 8:47 a.m.]

[Public Land Order 2155]

[84464]

UTAH

Withdrawing Public Lands From Oil and Gas Leasing for Preservation and Development of Potash Deposits Belonging to the United States

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

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SALT LAKE PRINCIPAL MERIDIAN

T. 26 S., R. 20 E.,
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Sec. 34, E½;
Secs. 35 and 36.
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Sec 1;
Sec. 2, lots 1, 2, 7, 8, and S½NE¼.
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T. 27 S., R. 21 E.,
Secs. 4 to 6, Incl.;
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The areas described aggregate approximately 11,128 acres, of which approximately 9,445 acres are public lands.

2. The withdrawal effected by this order shall terminate ten years from and after the date of the publication of this order in the FEDERAL REGISTER unless it is extended by an appropriate order of extension. Upon the termination of the withdrawal, the lands shall again be subject to leasing for oil and gas development purposes upon such terms and conditions as the Secretary of the Interior may specify in an order of opening, consistent with the then existing law and regulations.

ELMER F. BENNETT,
Under Secretary of the Interior.

AUGUST 29, 1960.

[F.R. Doc. 60-8239; Filed, Sept. 2, 1960; 8:47 a.m.]

This is a copy of the Public Land Order from the Federal Register 9/3/60.

Saskatchewan foremost in potash

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Local potash ore has market advantages

The following remarks by IMC's Vice President A. E. Cascino, to the special preview guests last week, indicate the thriving market for Esterhazy potash.

Because of its location and the high grade of its ore, this mine has certain advantages that put it in a unique position.

We have a productive capacity of 1,000,000 tons a year —which is a lot of potash in anybody's book. Yet — because of economics peculiar to the potash industry — we actually find ourselves with a market potential of six million tons a year.

Basically, this is because of the fact that 114 nations in the world consume potash — and less than a dozen have potash deposits within their own borders.

Consequently, each producing point has its own natural market — a natural market being that portion of the world to which any given producer can ship more economically and efficiently than any other producer.

Six factors govern any producer's ability to compete in a foreign market. These are: grade of ore, mining costs, shipping costs from mine to port of embarkation, vessel loading costs, shipping cost from port of embarkation to port of debarkation, and finally, processing costs within the customer's plant.

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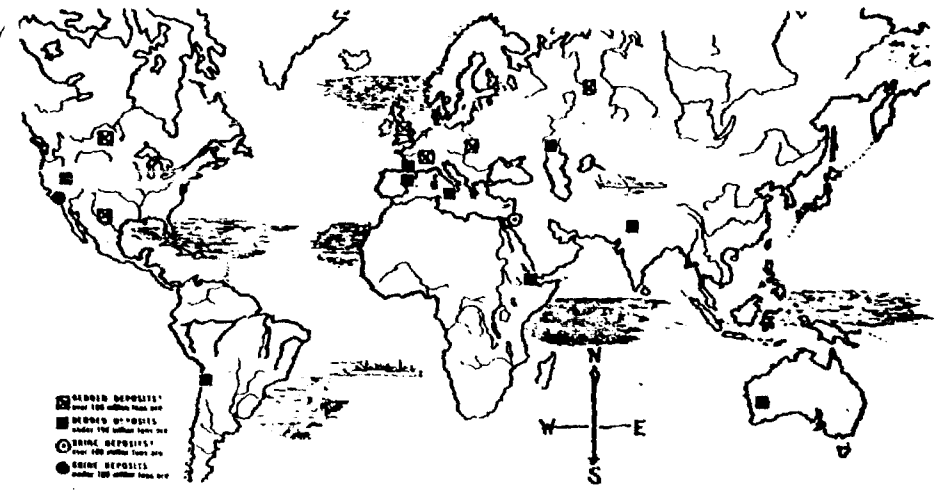
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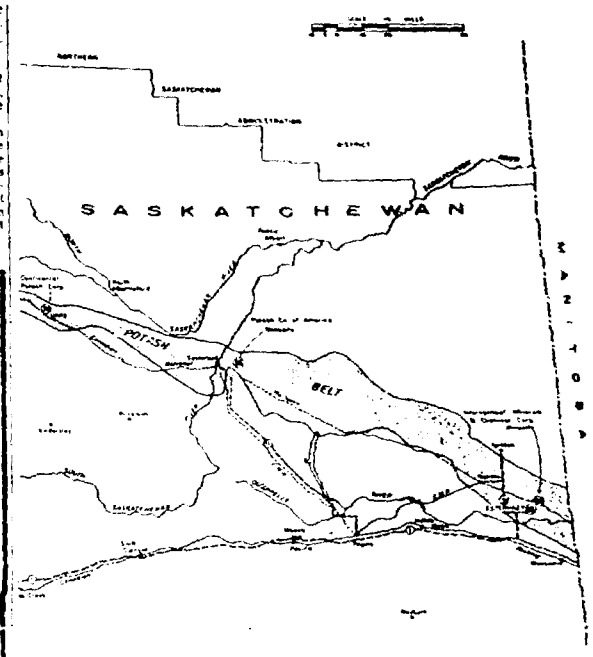
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This map shows the distribution of potash deposits throughout the world. On the North American continent there are only two bedded deposits of over 100 million tons, in Saskatchewan and New Mexico. Brine deposits are found in California, and in the great salt lake in Utah. The bedded deposits are layers of potassium salts deposited in the evaporation of ancient seas, and in these bedded deposits lie most of the world's potash. The brine deposits refer to a still incompletely evaporated lake, or seas, such as the Dead Sea. Potash can be recovered from brine by a further evaporation process. Map from IMC World.



The salty deposits of potash laid down in the Saskatchewan by the ancient seas extend in a varying belt from Manitoba to Alberta, running in a north west direction. The potash deposits extend for a short distance into Manitoba, and little is reported in Alberta.

Many shafts have been sunk in the province to reach the potash beds. The first was started some years ago, and work has started on a good many since. The Potash Company of America sank a shaft at Patience Lake, near Saskatoon, four years ago, and were the first people to produce potash in Saskatchewan. After a terrible experience, the mighty forces of the underground water forced in behind the shaft, and production had to cease. Efforts to stop the water entering the shaft. The task of flooding off the water has been successful, and recent reports at Saskatoon since that time have been still more encouraging.

The Mines Branch of Saskatchewan was started in 1957, and production is now at the rate of 1,000,000 tons in the Province, and very extensive underground exploration is going on. It is a sound statement to make that there is enough potash under the steady production of potash for many, many years.

CONGRATULATIONS

to

International Minerals and Chemical Corporation (Canada) Ltd.

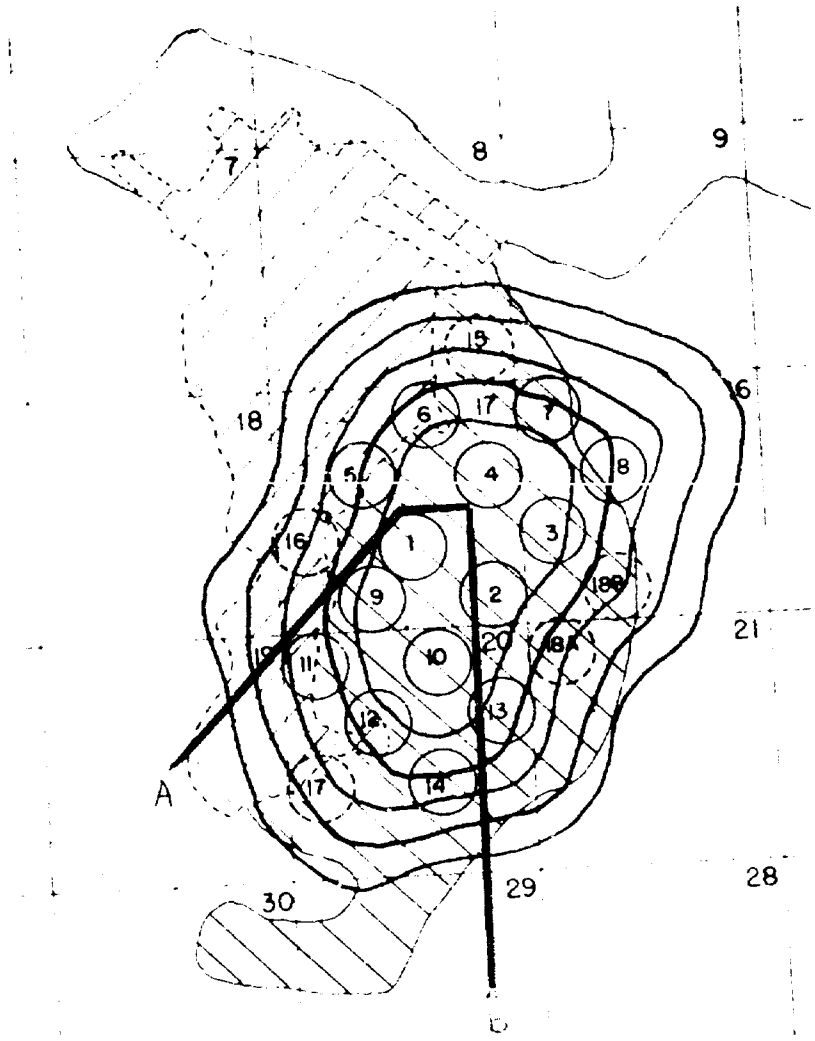
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-from-

The Miner Rubber Company LIMITED

Makers of Black Diamond Industrial Clothing and Safety Rubber Footwear

435 Cumberland Ave., Winnipeg 2, Man.



T 20 S , R 30 E

EDDY CO., N.M.

Case 3029 PC A. 2

N.M., O.C.C., CASE 3029

APPROVED BY		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE 1" = 4000' DATE MARCH '64	DRAWN BY LPC CHECKED BY DIRECTED BY JBC DRAWING NO.

REPORT

OF

PROFESSOR DANIEL M. BASS, JR.

Registered Professional Petroleum Engineer

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Experience Resume	2
Development Program	5
The Barber Field	26
General	30
Cementing	40

EXPERIENCE RESUME

DANIEL M. BASS, JR.

EXPERIENCE RESUME

Educational

Received B.S. in Petroleum Engineering from Louisiana State University
Received M.S. in Petroleum Engineering from Texas A and M College
Receiving Ph.D. in Petroleum Engineering from Texas A and M College

Industrial

Field Engineer District Reservoir Eng.	Magnolia Petroleum Co. Approx. 3 years
Research Engineer	Texas Pet. Research Committee Approx. 2-1/2 years
Professor in Pet. Eng.	Texas A and M College Approx. 9 years

Taught: (1) Fluid Transmission
(2) Surface Handling of Petroleum
(3) Basic and Advanced Reservoir Eng.

Professor and Head of Pet. Eng. Department	Colorado School of Mines Approx. 2 years

Teach: (1) Drilling and Well Completion
(2) Basic and Advanced Res. Eng.

Consulting

Reservoir Evaluation
(1) Regulatory hearing.
(2) Oil and Gas studies
(3) Application of Digital Computers to oil and gas reservoirs and surface production systems.
(4) Economic analysis
(5) Special Industry schools in Petroleum Reservoir Engineering

Research Work

(1) Application of Digital Computers in the Petroleum Industry
(2) Effect of Fluid and Rock Properties on Water Displacement
(3) Volatile crude oil systems
(4) Flooding patterns
(5) Fracture Propping Agents

DANIEL M. BASS, JR.

EXPERIENCE RESUME

Publications and Presentations

(1) "The Petroleum Engineer; Conservation, The Public and the Profession", Presented to Denver SPE Section, 1962.

(2) "Estimating Secondary Reserves", Presented and Published by Regional SPE - Billings, Montana, 1962.

(3) "Evaluation of Volatile Oil Reservoirs", Presented and Published - 13th Oil Recovery Conference - 1961.

(4) Contributed to "Petroleum Production Handbook", Vol. II, edited by Tom Frick, published by McGraw-Hill, 1962.

(5) "Petroleum Reservoir Engineering-Physical Properties", co-author - book published by McGraw-Hill, 1960.

(6) "Experimental Waterflooding Recoveries Above and Below the Bubble Point", AIME Trans. 1956.

(7) "Predicting Reservoir Performance", Petroleum Eng., June, 1955.

DEVELOPMENT PROGRAM

DEVELOPMENT PROGRAM

I. Mr. Blackman requested that I speak to the following question:

"Please refer to the exhibit attached to the bulletin board which has been marked for identification as PCA Exhibit No. . It is a plat which shows Section 17, Township 20 South, Range 30 East, New Mexico Principal Meridian, on which the contour lines on the approximate top of the Devonian as depicted by Exhibit No. presented by Pan American Petroleum Corporation in this hearing have been extended.

"Will you kindly make these assumptions with respect to that exhibit:

"A. There exists at the location shown on that exhibit a closed Pennsylvanian or Devonian structure below 9,000 feet, having the configuration shown on said exhibit which is inhabited with oil, or with oil and gas to the third contour line.

"B. There are no surface terrain problems, surface relief being nominal.

"C. The reservoir consists of oil having a solution gas drive.

"D. The reservoir characteristics and conditions are the approximate average of what might be expected to be found in this location in Southeastern New Mexico.

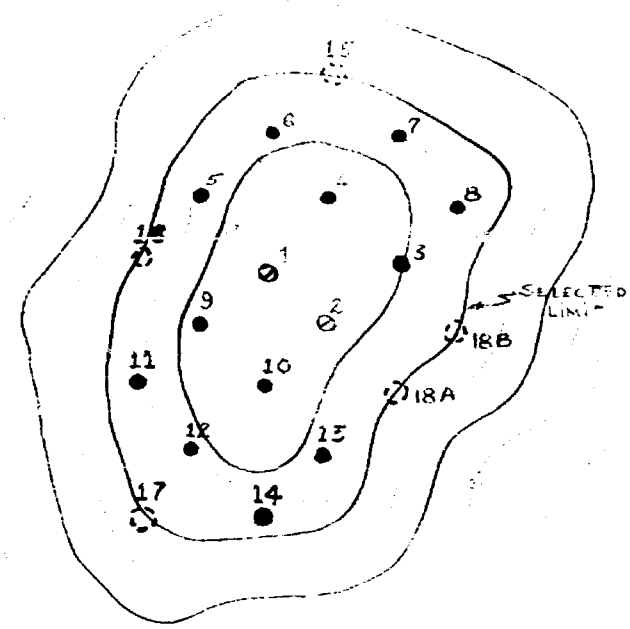
"Assume that 80-acre spacing would be approved if an oil or oil and gas reservoir were to be discovered at this location and depth.

"On the basis of the assumptions which I have enumerated, will you kindly indicate on PCA Exhibit No. an ideal development program, to recover the maximum amount of petroleum products from the reservoir. Please begin with the proposed location near Barber Well 4J and number each well location without regard to order in which the wells might be drilled. In this connection, please consider the New Mexico statute governing waste, which reads as follows: 'As used in this act the term "waste," in addition to its ordinary meaning, shall include: (a) "Underground waste" as those words are generally understood in the oil and gas business, and in any event

to embrace the inefficient, excessive, or improper, use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool ...'

"When you have indicated the ideal drilling and development program on PCA Exhibit No. , please comment on the pattern for the solution gas drive and also comment upon such variations as you might recommend in the event the reservoir has a water drive or a gas cap drive."

You have asked me to indicate an ideal drilling and development program on 80-acre spacing for a Pennsylvanian or Devonian oil or oil and gas reservoir which occupies a producing structure which might be expected under average conditions in Southeastern New Mexico. The structure is assumed to be in the location and to have the configuration as shown on PCA Exhibit No. , to be inhabited with oil or oil and gas in the area inside of the closure



MAP 1

Proposed
Definite
Probable

depicted by the third closed contour line and to have a gas solution drive. Attached to the facing page hereof is a photocopy of a map which is designated Map No. 1 - T 20S, R 30E, N.M.P.M., which shows the same area and drilling and development program.

The wells on this map marked 1 and 2 are the wells represented by the present drilling application of Pan American Petroleum Corporation. The wells with the dark spots would be definite wells within the structure and the wells with the broken circles represent possible additional wells. Of course, knowing the structure as it is seen here, it is noted that I have not included any uncommercial wells, of which, one or two would probably be drilled in order to define the structure. The wells marked with the broken circles would all be potential wells and, in all probability, would be drilled during the development program. Thus it is seen that there are fourteen definite wells and four potential wells. Thus, the possibility of one or two non-commercial wells would indicate a potential between seventeen and twenty wells

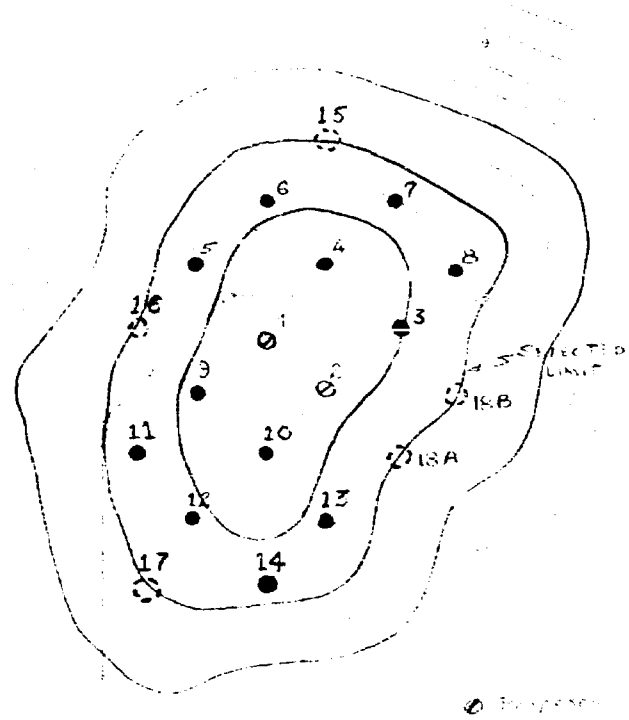
in order to completely define the oil accumulation within the structure.

The sequence of drilling these wells is at the present time difficult to define. The exact sequence of course would depend on what was found during the drilling of the initial well. If this well were on top of the structure, as indicated, then it would be necessary to drill down-dip, flank wells in order to determine the limits of the hydrocarbon accumulation. If, as in most cases, the initial well were not exactly on top of the structure, and dip meter surveys and other information obtained during the drilling of the well indicated that the structure top were away from the present well, then the next well drilled would be an effort to define the structural top. It is nearly impossible to define an exact drilling program until after the first well is drilled into the accumulation.

This 80 acre development program would adequately produce the reservoir if it were of a solution gas drive type energy.

If the reservoir were of gas-cap type energy in which it was necessary to permit the advance of the gas cap in order to obtain maximum conservation then it would be necessary to drill essentially all of the wells which are denoted by a broken circle. This type drive would increase the number of wells which would be required for adequate depletion from fourteen to nineteen. In this case, considering that two non-commercial wells would be drilled, a gas-cap energy source would result in the drilling of the maximum number of wells on the structure, twenty-one wells.

Should a water drive energy source be prevalent then it would be unnecessary to drill the wells which are indicated by the broken circles and well No. 14. Probably two of the wells indicated by a broken circle would be drilled during the development program and probably one non-commerical well would be drilled in defining the structure. Thus, a water drive energy source would require the drilling of the minimum number of wells on the structure, approximately sixteen wells.



MAP 2

The 80 acre spacing as indicated on Map 1 would probably be required for any oil accumulation which is found.

II. You have requested that I comment on the following question "What would be the effect on such an oil or oil and gas accumulation if the structure were divided as I will now indicate by a red line designated "A" at one end and "B" at the other end on PCA Exhibit No. and only those wells which are situated below or southerly of the red line A-B were drilled and produced for an initial period of fifteen years, there being no wells drilled or produced above or northerly of the red line A-B for such initial 15-year period."

Map No. 2, facing this page, indicates a dashed line A-B which is equivalent to the red line, also marked A-B, on PCA Exhibit No. 1 . The effect on conservation of the natural resources within such an accumulation would be dependent upon the mode of operation of the developer and on the energy source within the oil accumulation itself. In order to properly

answer this question it will be necessary to stipulate a behavior for at least three distinct types of energy sources. If the reservoir were a solution gas, gas cap drive or a water drive reservoir, one would expect a different performance; hence, each of these type drives will be discussed separately.

Solution Gas Drive

If the reservoir is a solution gas drive type then the recovery mechanism would be that of displacing the oil by the evolution of gas from within the oil. This is probably one of the least efficient drive mechanisms available if it is not aided in some fashion by gravity segragation and conversion to a secondary gas cap drive. It is entirely possible that a restriction of development to one segment of the reservoir would create conditions such that a secondary gas cap would be formed at the top of the structure. In any case, this restrictive development would be detrimental to the conservation of the petroleum within the structure. Such a development would force the oil and its associated gas in the undeveloped area to

migrate around or over the structure in order that it might be produced. The force of gravity would work against migration over the top of the structure and would, in effect, leave oil in the lower portions of the structure and gas would migrate to the upper section. During the depletion of the developed portions the operator would be unable to produce his wells in a fashion which would prevent the pressure depletion and the migration of the gas from the area in which no drilling had occurred. During this depletion stage the operator would be producing from wells, according to your red line, in approximately 38 percent of the volume of the reservoir, leaving approximately 62 percent undeveloped. Within this 62 percent of the total structure the operator would probably recover some 25 to 50 percent of the oil that he would recover were he able to fully develop that region. Thus the operator and the state would loose between 30 and 45 percent of the oil within the structure that would normally be recovered by a solution gas drive mechanism under full development.

The granting of permission to drill and develop this region fifteen years after the development of the southernly end of the structure would in all probability not be economic from the standpoint of primary recovery. During the pressure depletion in the southernly part of the structure, the energy for movement of the oil in the northern part of the structure probably would have been dissipated. Thus, even drilling within the structure where no previous production had occurred would not yield oil in the same quantities that were obtained during the initial development on the southernly end of the structure. To adequately remove the oil from this previously undeveloped area of the structure would require that the operator install a supplementary energy source, gas injection or water injection, to supply energy for movement of the oil from within the formation to the loci of the wells. Supplementation of the natural energy would be costly and its initiation would depend on whether the producer could recover the required investment from the recoverable oil that remained in the formation.

In the outside case, in which a secondary gas cap is formed at the top of the structure, the operator could conserve some of the energy by not producing the secondary gas cap. In so doing, he would still not recover by primary means any additional oil and in all probability would recover less from the undeveloped side of this structure. This would mean that a restrictive development program would cause the producer to leave approximately 45 percent of the recoverable oil within the ground. The only advantage of the secondary gas cap is that after the end of the fifteen year period there is the probability that some of the oil in the undeveloped region could be recovered by means of expansion of this gas cap. Thus, the operator would be conserving part of the natural energy within the reservoir by letting gas accumulate at the top of the structure and later permitting this gas to expand and displace oil to the wells. The additional recovery which might be obtained during this second development program would be dependent upon the magnitude and size of the secondary gas cap. If the gas cap is small then little additional oil would be realized because the

energy source would be insufficient to adequately deplete the undeveloped portion. If this gas cap is large and if it has been possible to maintain the pressure somewhere in the neighborhood of one-half of the original pressure, it would be possible to reduce the loss of this stage development program from 45 percent to some 15 or 20 percent.

It is fairly apparent that regardless of the mechanism which might be involved in the solution gas drive depletion of such a partially developed structure, some loss of petroleum would occur. The magnitude of this loss would be in the neighborhood of 15 percent for very favorable conditions and 45 percent for normal conditions.

Gas Cap Drive

If the structure had a hydrocarbon accumulation of the size shown in Map 2 and part of this accumulation were gas, to say the first contour, then the southernly area in which development is to be permitted would encompass part of the oil zone and part of the gas zone. This gas

zone represents a concentrated source of energy which, if permitted to expand through the oil zone, acts as a more efficient recovery mechanism than solution gas alone. In a partial development, such as you have indicated, the presence of the gas cap can be a disadvantage during the depletion stage of the developed area. The gas is very mobile, it moves much more readily within the pore structure than does oil. Gas also transmits pressure changes much more readily than does a similar section of the reservoir containing oil. Hence, at any given time, the pressure within the gas zone would essentially be constant value over a large part of the original reservoir filled with gas. Thus the pressure in the undepleted area would have ample opportunity to decline along with the decline in gas pressure. Also, partial development would tend to concentrate the expenditure of this gas cap energy in only a fraction of the oil saturated zone. The irregular decline in pressure would result in a tilting of the gas zone as depletion occurred. This tilting would cause the developed portion of the reservoir to be swept by gas

with very little enlargment of the gas cap in the undeveloped region. To adequately deplete the section that is developed it would be necessary to produce a good portion of the original gas cap gas from the wells within the oil zone. The presence of the gas cap would retard the migration of oil from the undeveloped portion into the developed portion because of the greater ability of the gas to advance into the producing region. Thus, the initial loss due to partial development would be in the neighborhood of 35 to 40 percent of the normal recoverable oil. Development of this region after a delay of 15 years would recover some of the remaining oil. Advancing gas from the gas cap would not be as efficient a displacing agent after the delay because of the effect declining pressure has on the properties of the oil and the reduced ability of the operator to obtain maximum sweep with the advancing gas. If the pressure had been depleted to a very low level, the economics of developing this region would not be as goodas if it had been developed along with the other section because of the energy content of the remaining

fluids. Thus, even under the most ideal conditions, the delayed development results in a total loss within the structure on the order of 15 percent of that which would be recovered had the structure been developed uniformly.

In all probability it would be necessary to supplement the energy within the reservoir with either gas or water injection which alters the economics and increases the cost. Regardless of the operators practice of production, a delay of 15 years in full development would result in a loss of between 15 and 40 percent of that oil which would be recoverable under a standard, uniform development program.

Water Drive

If the oil accumulation within the indicated structure has a strong water drive around the periphery and if development were restricted to the southernly part enclosed by dashed-line A-B on Map 2 it would be necessary for the operator to concentrate his production in the upper segment of the structure in order to partially deplete the lower part of the undeveloped portion of the reservoir.

Under these conditions, the production from the wells adjacent to the dashed line could be controlled so that it would be possible to partially pressure deplete and cause water invasion into the area in which no development had been permitted. Concentrating the production at the top of the structure would cause water to advance within the undeveloped region but would also cause extreme pressure losses around these wells and might endanger the completion of the well and reduce the recovery efficiency ofthe water drive mechanism. The advance of water in the undrilled region would not occur as rapid as the water advanced within the developed region because of the concentration of production in the developed area. Thus, the pressure distribution within the structure would have a tendency to cause water to migrate in a tongue like fashion into the developed area and a short advance in the undeveloped region. This manner of water advance would create a region near the top of the structure which would contain significant quantities of oil at the time the existing wells were invaded by water and forced into a non-commercial category.

The loss in such a situation cannot be ascertained with a finite degree of accuracy because of the dependency of water invading the undeveloped region on the exact well locations, their relative production rates and the volumetric efficiency of water as a displacing agent. A fair estimate of the loss of recoverable oil would be in the neighborhood of 20 to 25 percent. If this region were developed after a period of fifteen years it would be a rather costly development program because the position to which water had advanced in the undeveloped region would be unknown. Thus, wells would be drilled which were un-economical to operate and for depletion purposes un-necessary. The recovery from this region would depend on the magnitude of the pressure reduction required to deplete or produce the undeveloped region. Additional oil could be obtained by development after a delay of fifteen years but a net loss of approximately 15 to 20 percent of the recoverable oil in the structure would still be left in the ground.

Summary

It is seen that regardless of the type of drive the idea of partial development of a structure, with full development being delayed for some fifteen years, results in a loss of recoverable petroleum and an increase in the cost of operation to the developer of this mineral resource. Unfortunately one cannot determine which type drive would be prevalent in a formation on this structure with present knowledge. The reservoirs which have been found in the potential oil bearing formations on this structure have indicated all three types of drive energies. Therefore, it would be inadvisable for an operator, both from a standpoint of mineral resource conservation and from a standpoint of economics, to delay development for a period of fifteen years on a part of a hydrocarbon accumulation.

THE BARBER FIELD

THE BARBER FIELD

I. Mr. Blackman has posed the following question: "The alternate location proposed by Pan American Petroleum Corporation is within a 100 ft. radius from existing Barber Field well #4-A, which is properly designated 4-J. Please state your opinion as to the probable future economic life of that well."

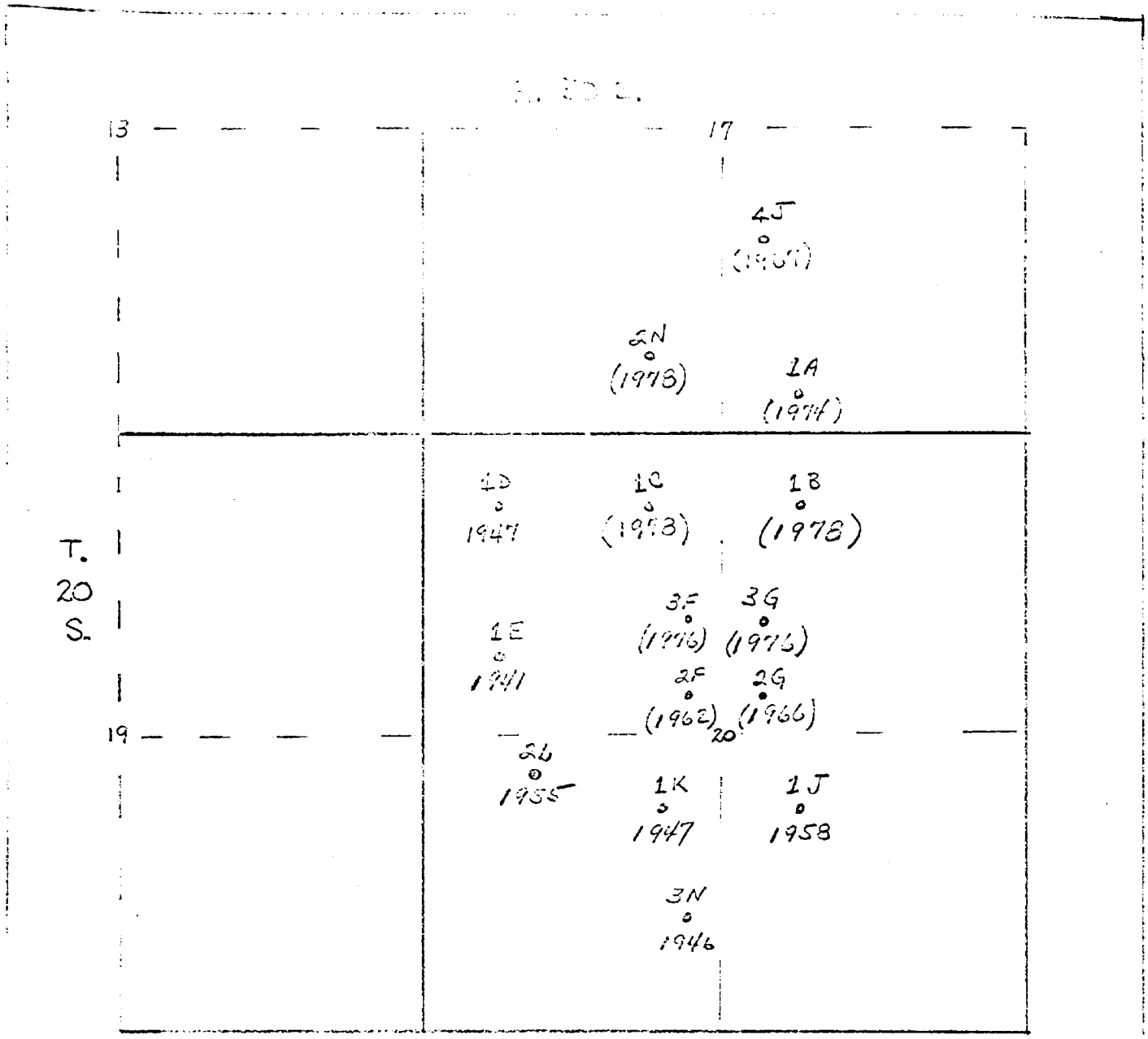
In answer to said question:

I have examined the production records of Barber Field well 4-J located in the NW1/4SE1/4 of Sec. 17, T. 20 S., R. 30 E., N.M.P.M. covering the period beginning June, 1942 and ending with calendar 1963. Based on that information, it is my opinion that well 4-J has a remaining economic life of from four to five years from the end of calendar 1963.

II. You have asked me to express my opinion on the future productive life of the remaining wells in the Barber Field. I have examined the production records of the

Barber Field, covering the period from 1941 through calendar 1963. As only the past production records were available, with no operating cost data, it was necessary that some limiting economic rate be assumed. All the answers which follow are based on a limiting economic rate of 45 barrels per month per well. Also, after studying well 4-J, it was assumed that only seven wells would be produced during the remainder of the field's economic productive life. Under these conditions, it is my opinion, that the Barber Field can be economically operated through calendar year 1974.

Because of the uncertainty of the limiting economic conditions for the field as a unit, I examined the production records of each well individually. Using the same limiting economic rate of production, an estimate was made of the year each well in Barber Field would become uneconomical to operate. The results of this evaluation are shown on Figure 1 entitled "Barber Field Abandonment Schedule". It is noted from Figure 1 that three of the wells in the Barber Field could be economically productive into the calendar year 1978.



BARBER FIELD
EDDY COUNTY, NEW MEXICO
ABANDONMENT SCHEDULE
(1970) -- Projected year
1950 -- Actual year

GENERAL

You have asked that I "comment on the average values of hydrocarbons which have been produced in Southeast New Mexico from the Pennsylvanian and Devonian formations and make such comment as you deem appropriate concerning the value of the hydrocarbons which might be expected to be recovered under ideal conditions from a Pennsylvanian or Devonian reservoir confined within a structure such as that pictured on PCA Exhibit No. and your Map. No. 1."

In answering this request I will discuss first the producing formations in the area and then the probable content of these formations.

Producing Formations:

The major oil and/or gas producing formations of Pennsylvanian age or older are:

(1) Bend

(2) Pennsylvanian

(3) Devonian

(4) Siluro-Devonian

(5) Simpson

(6) Ellenberger

All oil fields in the eastern half of the state which had produced ten million barrels of oil by January 1, 1962 from formations of Pennsylvanian Age or older are shown in Table I. All gas fields in the eastern half of the state which had produced five billion cubic feet of gas by January 1, 1962 from formations of Pennsylvanian Age or older are shown in Table II. From a study of these two tables it becomes apparent that the Pennsylvanian and Devonian formations are the primary oil and gas producers of the group.

Since 1958 other fields have been developed which will soon join the ranks of those fields listed in the tables. The major fields which have been discovered since 1958 add very few new major producing formations to the list indicated prior to that time.

Discoveries as late as 1961 indicate that the Morrow formation may have possibilities of developing

into a major gas producing formation and the Fusselman formation may have similar possibilities with respect to oil.

Also from studying the tables it is seen that forty acres per well is the predominant spacing in the oil fields and one-hundred and sixty acres per well is the predominant spacing in gas fields.

QUANTITY AND QUALITY OF POTENTIAL OIL PRODUCTION

A review of the Pennsylvanian, Devonian or related producing formations indicate that the potential oil is of highest quality (40° API or higher) and hence will command top market price.

The Pennsylvanian, Devonian and related age formations are generally limestones or dolomites. These formations range in productive thickness from 10 to 200 feet with porosity values from four to fourteen percent and initial water saturations from twenty to fifty percent. Using the lowest value of porosity and the highest value of water saturation results in an oil in place value of approximately 110 stock tank barrels per acre foot. The recoverable oil from this formation would

be approximately 18 barrels per acre foot by solution gas drive and 45 barrels per acre foot by gas drive.

Using a porosity of fourteen percent and a water saturation value of twenty percent results in an oil in place value of approximately 620 stock tank barrels per acre foot. The recoverable oil from this formation would be approximately 125 barrels per acre foot by solution gas drive and 250 barrels per acre foot by water drive.

Combining the range of possible oil in place values with the wide range in thickness results in a very diverse potential economic value per acre. The minimum approximate value per acre would be for a ten foot thickness with four percent porosity, fifty percent water saturation and a solution gas recovery factor. This adverse combination of factors would result in a recovery of approximately 180 barrels of oil per acre with a value of approximately $540.00. The best conditions would be a formation 200 feet thick with a porosity of fourteen percent, water saturation of twenty percent and a water drive recovery

factor. A reservoir under these very favorable conditions would recover approximately 50,000 barrels of oil per acre with a value of approximately $150,000.00.

From the values presented above it is seen that any well drilled to formations in the Pennsylvanian or older formation on eighty acre spacing has the potential of finding oil valued at between $43,200 and $12,000,000. In this particular area the formation which had a potential income of only $43,200 would not be considered a commercial well although it would probably be produced to recover as much of the drilling cost as possible.

An average oil field in the Pennsylvanian or older formations would probably have a porosity value of 6 percent, a thickness of 75 feet and a water saturation value of 35 percent such that the oil in place would be 216 barrels per acre foot. The potential recovery from a well developed in an eighty acre spacing pattern would be between 233,000 barrels (solution gas drive) and 518,000 barrels (water drive). The monetary value of

such a well would be between $700,000 and $1,554,000.00.

The worst, average and best possible reservoirs obtainable in the area are summarized in Table III.

TABLE I. OIL FIELDS HAVING PRODUCED 10 MILLION BARRELS OR MORE FROM FORMATIONS OF PENNSYLVANIAN AGE OR OLDER

Field	Formation	Thick-ness	Approx. Spac-ing	Date of Disc.	Crude Gravity	Cummulative Production to 1/1/62 MM Barrels.
		LEA COUNTY				
Bagley Sil-Dev.	Siluro-Devonian	175	40	7-49	44	15
Brunson	Ellenberger	70	40	9-45	42	27
Caprock East Dev.	Devonian	30	40	8-51	43	14
Crossroads Dev.	Devonian	100	80	5-48	42	13
Denton	Devonian	200	40	10-49	45	61
Gladiola	Devonian	50	40	11-50	47	35
Hare	Simpson	50	40	7-47	40	14

TABLE II. GAS FIELDS HAVING PRODUCED FIVE TRILLION CUBIC FEET OR MORE

EDDY COUNTY					
Anderson Penn	Bend	40	320	10-54	6.8
Atoka Penn	Penn	31	160	10-57	5.1
Empire Penn	Penn	30	320	9-53	9.1
Shugart Sil-Dev.	Siluro-Devonian	70	480	2-57	8.1
LEA COUNTY					
Bagley L Penn	Penn	10	160	10-51	8.3
Bagley U Penn	Penn		320	11-55	13.1
Crosby Dev.	Devonian	95	160	1-55	41.7
Monument McKee	Simpson	40	160	11-48	5.6

TABLE III. RANGE OF CONDITIONS FOR POTENTIAL OIL RESERVOIR IN PENNSYLVANIAN OR OLDER FORMATION

	Worst	Best	Average
PROPERTIES AND IN-PLACE VALUES			
Porosity, o/o	4	14	6
Water Saturation, o/o	50	20	35
Oil in Place Bbls/AF	110	620	216
Thickness, Ft.	10	200	75
Oil in Place Bbls/Acre	1,100	124,000	16,200

RECOVERY

	Solution Gas	Water	Solution Gas	Water	Solution Gas	Water
Recovery Bbls/Acre	180	450	25,000	50,000	2,916	6,480
Recovery Bbls/80 Acres	14,400	36,000	2,000,000	4,000,000	233,000	518,000
Recovery Dollars/80 Acres	$43,200	$108,000	$6,000,000	$12,000,000	$700,000	$1,554,000

CEMENTING

CEMENTING

Question: Are you generally familiar with the techniques and problems of cementing a deep oil or gas well?

Answer: Yes

Question: Would you enumerate some of the problems of cementing a well penetrating a thick salt section with several known loss circulation zones above and below the salt section?

Answer: In any region with loss circulation zones the major problem is to get adequate cement volumes in the desired locations. Two techniques may be used to cement casing in loss circulation zones. Both methods depend on putting the cement in the hole in stages.

Method I is to calculate the volume of cement required to fill the annulus from the bottom of the hole to the loss circulation zone and the volume of the cement that can be placed above the loss circulation zone without imposing too high a pressure on the loss circulation zone. This volume of cement is circulated into the annulus and permitted to obtain some set. A temperature survey is run to locate the top of the cement or a bond log is run to locate the top of the bond between cement and pipe. The casing is perforated at the top of cement or top of bond and with appropriate hole equipment in place, cement is circulated through the perforation to another preselected height in the annulus. This procedure may be repeated until cement fills the annulus to the desired height above the bottom of the hole.

Method II requires careful planning prior to the placement of the casing string in the hole.

In this method special gating devices are placed in the casing string which can be opened by plugs larger than a given diameter. The cement is again placed in the annulus in batches or stages with the first stage being displaced out the bottom of the casing, the second stage enters the annulus through the lowest stage tool and the third, fourth and other cement stages, if required, being pumped through sequentially higher stage tools. This method is desirable only when the location of the loss circulation zones can be accurately defined and it is known that each volume of cement staged into the hole will at least reach the height of the next stage tool.

Certain problems of cement placement are common to both of the methods previously mentioned. The major problems, other than loss circulation, are obtaining a uniform distribution of cement in theannulus and obtaining good pipe-cement and cement-formation bonds.

In order to obtain the most uniform distribution of cement in the annulus, centralizers are placed on the casing to try and provide an equal spacing between the hole and the pipe. Also to prevent channeling or "by-passing" of the cement, the velocity of the cement is controlled so as to obtain turbulent flow during the period of placement.

In order to improve the chances of obtaining a cement bond between the cement and the casing and wall of the hole the operator will usually prepare the pipe surface, use scratchers on the casing, use water ahead of the cement, control the velocity of the water and cement in the annulus, and use excess cement volume so that mud contaminated cement at the top and bottom of the column can be placed in regions not desired to be cemented. The major difficulty in obtaining a cement bond is reaching the surface at which a cement bond is desired. In washed out sections of the hole the velocity may decrease so that plug flow occurs and the mud is

not displaced from the washed out volume. The engineer designing the cement job will use a calipher log and set the velocity so as to have turbulent flow in the largest indicated hole size. If the calipher log accurately defined the hole size, then the cement placement will probably displace the mud from the hole.

Question: Are special cements used in operations such as this?

Answer: Yes special chemicals can be mixed with the cement to provide desired properties, such as reduced weight, low water content, loss circulation material, setting retarders, etc. I am not familiar with the exact chemicals which might be used here, but such information could be obtained from Haliburton, Dowell or any other cementing firm by the engineer designing the cementing job. I am sure the properties of the cement would be considered in the design of any casing cement job.

Question: Does taking all the precautions you have enumerated guarantee a good cement job?

Answer: No guarantees are included. All of these steps are followed in a cementing job to create the most favorable conditions for obtaining a good cement job.

Question: If a cementing technique cannot be designed to guarantee a perfect job then how do you tell if you have any cement job at all?

Answer: There are four major ways of obtaining a qualitative check on the quality of the cement job obtained.

Two of the methods are primarily designed to locate the top of the cement column if it is not circulated to the surface. A radioactive material may be added to the lead volume of cement slurry and a gamma ray log run to detect the location of the radioactive cement after placement. The other method is to run a temperature measuring device in

the hole during the time the cement is "setting". A change in the normal temperature gradient is observed at the top of the cement column. By knowing the volume of cement placed in the hole and a good estimate of the volume of the annulus it is possible to estimate if channeling of cement or loss of cement has occurred. Neither of these methods will indicate

(1) the strength of the set cement;

(2) the bonding of the cement to the casing and the wall of the hole;

(3) whether cement encircles the pipe or is just located on a portion of the pipe surface;

but does indicate

(1) the height to which cement has been placed;

(2) whether a measurable degree of channeling and loss circulation has occurred.

Another tool available for checking on the quality of a cement job is the Bond Log. This is a tool which generates sonic impulses and measures the magnitude of the energy of these impulses that is transmitted to a receiving device. If casing is surrounded only by fluid it will transmit a greater amount of energy than if it is resting against something solid. This transmission of energy is much the same as a bell whose sound can be muted by placing anything of a semi-solid nature against its surface. Thus the Bond Log indicates whether or not a section of the pipe is resting against something solid. The Bond Log will indicate the following:

(1) when the pipe is completely surrounded by fluid;

(2) when the pipe is resting against something solid, cement, cavings or side of the hole.

The Bond Log will not indicate the following:

(1) the strength of the bond against the pipe,

(2) whether the bond encircles the pipe,

(3) whether cement is bonded to the wall of the hole.

The fourth procedure of testing a casing cement job is to apply pressure and check for cement failure. The pressure is applied inside the casing and to the bottom of the cement column. This procedure only checks the casing for leaks and the very bottom of the cement column. This test does not necessarily locate weaknesses in the upper part of the cement column unless they are so severe that casing leaks result. Of course the maximum bottom hole test pressure that can be used is determined by the depth to the bottom of the casing. A pressure cannot be used which would cause fracturing of the formations.

Question: Is it possible that a casing cementing job could satisfy all of the tests and still fail at some future date?

Answer: Yes

Question: What might cause such a failure?

Answer: Essentially three factors might cause the cement job to fail at some later date. These three causes may be summarized as follows:

(1) the original cement job just barely met the test requirements but did not have sufficient strength or bonding to either the pipe or the wall of the hole;

(2) pressure testing of the cement job caused expansion of the pipe which could cause a loss of cement-pipe bond on release of pressure;

(3) additional drilling after the casing has been set creates impact loads because of the drill pipe and temperature increases because of the returning drilling fluid. Both of these factors could result in a failure of the casing cement.

Question: Is it possible that a casing cement job could be subjected a greater pressure than that used in testing the cement?

Answer: Yes, at shallow depths. Such a condition would normally only occur as a result of a "blow-out" during drilling when the "blow-out" preventors work. A formation with gas at 4500 psi at 10,000 feet could exert a pressure at 3800 feet in excess of 3800 psi and cause the formations to fracture. If casing were set in this example at any depth less than 3800 feet the formations between 3800 feet and the bottom of the casing would be subject to fracturing.

Question: Could this fracturing cause a complete failure of the cement job?

Answer: It would unless the formations above the fracturing were compentant enough to withstand the abnormal pressures and resulting deformation.

Question: Does perforation of the cemented casing endanger the cement-casing bond?

Answer: Perforating with jet charges does very little damage to the cement pipe bond, whereas, perforating with bullet guns would cause some fracturing of the cement sheath at the point of bullet entry. The effect of this fracturing normally does not extend any significant distance from the point of impact of the bullet. Hence, it probably would be concluded that perforation of the cemented casing does not hurt a good cement job. If the cement job is not a good one then any additional surface exposure could result in a complete failure of the cement-casing bond.

Question: Is there any known non-destructive method of determining the inplace strength of cement job in an oil or gas well?

Answer: No

Question: If a high pressure gas well, such as Federal Dooley #1 which has a bottom hole pressure of 5000 psi, were leaking through the cement at the production perforations into the salt section at a rate of approximately 50,000 cubic feet per day, would it be possible to detect such a loss?

Answer: I must answer your question with a conditional yes.

Question: How would you detect such a leak?

Answer: As you have stipulated the leak to be located at the producing perforations, the leak could not be detected using temperature and pressure measuring devices within the well during test periods. The only means of detecting such a small loss would be the use of a volumetric gas balance applied over an extended period

of production. By observing the shut in pressure after fixed intervals of production, it would be possible to determine that fluid was leaving the reservoir which was not accounted for by the production measured at the surface. The length of time required to detect this loss of fluid would depend on the rate of gas production and the size of the leak. Figure 1 shows the ideal performance and the performance that would be observed if the loss were uniformly one percent and ten percent of the total reservoir production. It is noted from Figure 1 that the smaller the leak the greater the value of cumulative production at which the leak can be detected.

If the gas reservoir was producing under the influence of a partial water drive, it would be difficult if not impossible to detect an underground loss of gas equivalent to one percent of the total gas removed from the reservoir.

Because of the possibility of water influx and the probability that a loss of 50,000 cubic feet per day would represent less than one percent of the

production, one cannot answer your question with an unconditional yes.

Question: If a non-commercial gas or oil well is plugged and abandoned, is there any way in which a leak may be detected around the cement outside the productive casing string?

Answer: No

359-4

Figure 1

Gas Pressure Patterns
with
Underground Leaks

CERTIFICATION

I, E. S. Johnny Walker, duly elected, qualified and acting Commissioner of Public Lands in and for the State of New Mexico, do hereby certify that the attached and foregoing are photographic copies of potash lease No. M-274 dated June 30, 1931, assignment No. One thereof dated March 14, 1939, and Release thereof dated April 20, 1939, and release thereof dated April 20, 1939, are true and a complete copies of the microfilm records of the originals thereof as they appear on file in the State Land Office.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office on this the 16th day of April, 1964.

E. S. JOHNNY WALKER
Commissioner of Public Lands

Memo

From

To IDA RODRIGUEZ

EXTRA COPIES OF EXHIBITS IN CASE 3029 - PCA

BEFORE THE
OIL CONSERVATION COMMISSION
PCH Exhibit No. A
Case No. 3029

...TAKE MINING) LEASE
... ACT OF NOVEMBER [illegible], 1...

...ENTURE OF LEASE entered into in du... ...day of
...., 195.., by and between the State of New Mexico acting in this
...by E. ... Fitch, ...
...erty of the first part and ... [illegible] ... hereinafter ...
...ort office ... and ... hereinafter ...
Colorado, party of the second part and hereinafter ... by the terms of ...
...ter ... to the terms and provisions ... [illegible] ...
... Water Lease Act of ... [illegible] ...
... New Mexico Legislature of ... [illegible] ...
... as of said ... [illegible] ...

Description continued:

Subdivision	[illegible]	[illegible]	[illegible]	Acres
[illegible]	20	[illegible]	30%	40
[illegible]	20	[illegible]	30%	40
[illegible]	20	200	30%	[illegible]

Containing [illegible] acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, [illegible] reservoirs necessary to the full enjoyment hereof, including the right to drill, maintain and operate water wells on said lands and to produce and use the water therefrom.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the lessee hereby agrees as follows, to wit:

(1) [illegible] twelve (12) months from date hereof, unless operations be [illegible] with [illegible] machinery and equipment suitable for testing and prospecting [illegible] formation, and to continue such drilling with reasonable diligence [illegible] depth of [illegible] feet unless [illegible] formations [illegible] minerals in [illegible] quantities [illegible]

[illegible] operations work [illegible] on [illegible]

drilling of wells may be accepted in lieu of a

thereof made by the lessee

as this lease shall remain in force. Provided, however, that

rental on th

(g) To furnish the Commissioner of Public Lands annually ... showing all prospecting ... lated information, together with a report showing all buildings, structures and workings placed thereon, and a complete statement of the account of potassium and other minerals produced and saved by lessee's operations on the land;

(h) If said minerals or any of them are discovered ... shall be diligently ... commercial quantities ... mineral deposits ... mining, refining and other operations in a ... accordance with ... and safety ... conservation ... state laws ... of Public ... state ...

(i) ... as a result of ... All fixtures ... machinery, ...

... under ...

(1) [illegible] to secure [illegible] the [illegible]
[illegible] approval of the [illegible] of coals by [illegible]
[illegible] take and preserve [illegible] of the formations [illegible]
test well [illegible] including any of the minerals mentioned in Section [illegible]
quarter of such core to be the property of the lessor and to be stored and
preserved [illegible] disposed of as the Commissioner of [illegible] Lands may from time to
time direct. [illegible] the lessee fail or refuse to [illegible] this section, this
lease [illegible] the lessee shall [illegible] analyses [illegible] by
taken from [illegible] drilled [illegible] ed by [illegible] of
of samples of minerals mined [illegible] from [illegible] of
Public Lands.

(n) Before commencing [illegible] of [illegible] of
of Public Lands a good and sufficient bond [illegible] approved
ten thousand ($10,000.00) dollars [illegible] of
by the Lessee [illegible] and should [illegible] the terms
[illegible] re, and attempts [illegible] lessee [illegible] unless
[illegible]

(o) The right [illegible] hereby expressly
The right to permit for joint [illegible]
or any [illegible] through or [illegible] the lands hereby [illegible] or any [illegible]
appurtenant [illegible] to the use or disposal of the [illegible]
[illegible] the terms of the right [illegible]
[illegible] the use of [illegible]
[illegible]

[illegible] herein and [illegible]

...of the ...
...herein ...
...payable to the ...
...satisfactory ...
...or others ...
...lessee shall ...
...productive ...
...provided ...
...lessee shall ...
...with the ...
...lessee or any ...
implied.

SECTION ... This lease shall be ... with ...
...this lease ... the ... Term ...
...extended ...
...after ... by the Commissioner of ...
the Commission ... of Public Lands ... hereby ...
...lease ...
...use of ...
...lease ...
...prior ...

...obligations ...
...after ...
...

STATE OF [redacted]

On this the [redacted] day of [redacted] A.D. 19[redacted] personally
appeared before me A. A. Lewis, [redacted] known to me to be
the person described in and who executed the
foregoing instrument as Grantor, [redacted] and
acknowledged that [redacted] executed the same as [redacted] free act and deed.

IN [redacted] I have to this
deed the day and year in this certificate first above written.

[redacted]

My commission expires:

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
PCA Exhibit No. B
Case No. 3029

KNOW ALL MEN BY THESE PRESENTS:

That ... Rome[illegible] B. Lucero, [illegible]

and ... Georgiana R. Lucero, [illegible]

[illegible]

[illegible]

[illegible]

Mexico [illegible]

following [illegible]

[illegible]

[illegible]

[

(INDIVIDUAL FORM)

RELEASE

KNOW ALL MEN BY THESE PRESENTS:

That Homer H. Harris, a married man,
(State whether married or single)

and Georgine R. Harris, his wife,
(wife, if any)

of the City and County of Denver and State of Colorado

do hereby relinquish and release unto the State of New Mexico all their right, title and interest in and to that certain potash mining lease No. M-274 issued by the State of New Mexico, and now held under assignment No. One insofar as the same affects the following described lands:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW¼NW¼	20	20S	30E	40
NE¼SW¼	20	20S	30E	40
S½SW¼	20	20S	30E	40

The relinquishment of the potash mining lease herein is made for the sole purpose of consolidating said lease with three others held by Homer H. Harris, to-wit: Potash Mining Lease No. M-306, Potash Mining Lease No. M-275, and Potash Mining Lease No. M-348.

WITNESS our hands and seals this 20th day of April, 1939

Homer H. Harris (Seal)

Georgine R. Harris (Seal)

(Seal)

STATE OF Colorado
City and
COUNTY OF Denver } ss.

On this day of April, 1939, before me appeared Homer H. Harris, a married man, and Georgine R. Harris, his wife, to me personally known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Notary Public.

Application No. .....

APPLICATION

For Lease on State Lands for Potassium, Sodium, Phosphorus, Etc.

(Under Act of March 11, 1929)

To the Commissioner of Public Lands,
Santa Fe, New Mexico.

Sir: [illegible] I, [illegible], of [illegible], Colorado hereby make application for a lease for the development, exploration and production of potassium, sodium, phosphorus, and their salts and compounds, as authorized by the Act of the New Mexico Legislature above cited, upon the following described lands situate in the County of [illegible], State of New Mexico, to-wit:

SUBDIVISION	SEC.	TWP.	RGE.	ACRES
All of	[illegible]	19S	[illegible]	640
All of	[illegible]	19S	[illegible]	640
All of	[illegible]	19S	[illegible]	640
All of	[illegible]	19S	[illegible]	640
N 1/2	[illegible]	19S	[illegible]	320
NW 1/4 NW 1/4	[illegible]	19S	[illegible]	40
All of	[illegible]	19S	[illegible]	640
S 1/2	[illegible]	19S	[illegible]	320
All of	[illegible]	20S	[illegible]	643.76
All of	[illegible]	20S	[illegible]	640
All of	[illegible]	20S	[illegible]	640
All of	[illegible]	20S	[illegible]	636.88
All of	[illegible]	20S	[illegible]	637.84
NW 1/4 NW 1/4	[illegible]	20S	[illegible]	40
NE 1/4 SW 1/4	[illegible]	20S	[illegible]	40
S 1/2 SW 1/4	[illegible]	20S	[illegible]	80
All of	[illegible]	20S	[illegible]	640
All of	[illegible]	19S	[illegible]	640
All of	[illegible]	19S	[illegible]	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	[illegible]	480.72

through a shaft located in Section 4, Township 20 South, Range 30 East.

See descriptions of such wells heretofore filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

purely speculative.

I, [illegible]
(Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

STATE OF [illegible]

COUNTY OF [illegible]

Subscribed and sworn to before me by [illegible]

the above named applicant, this 20th day of April, 1929.

.....

My commission expires .....

Notary Public.

Application No. .....

containing a total of ....2,622.22..... acres, more or less, and is tendered herewith as a bonus and first year's rental thereon the sum of $..... together with application fee of $5.00.

Applicant states and shows that the facts and conditions relating to the character and value of the said lands for production of said minerals and the development and exploration of the same thereon and in the vicinity thereof as stated in answer to the following questions:

1. Have any test well or wells been drilled on said lands or within five miles thereof for determining whether or not deposits of said minerals, or any of them, are present?

Test wells have been drilled on said lands, or within the vicinity thereof by Potash Company of America, which said company is now engaged in developing a substantial acreage of Federal and State lands through a shaft located in Section 4, Township 20 South, Range 30 East.

See descriptions of such wells heretofore filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, ...
(Specify applicant, agent, attorney in fact or officer of corporation)
the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

STATE OF .....

COUNTY OF .....

Subscribed and sworn to before me by .....

the above named applicant, this ..... day of ....., 1939.

.....

My commission expires ..... Notary Public.

E

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

C E R T I F I C A T E

I, E. S. Johnny Walker, duly elected, qualified and acting Commissioner of Public Lands in and for the State of New Mexico, do hereby certify that the attached and foregoing photostatic copy of M-8'3, dated April 24, 1939, is a full, true and complete copy of the original thereof as it appears on file in the State Land Office.

IN WITNESS WHEREOF, I have hereunto set my hand and Seal of Office on this 19th day of March, 196..

E. S. JOHNNY WALKER
Commissioner of Public Lands

To: Files

Date: April 8, 1957

From: L. E. Prox

Subject: STATE LEASE M-873

Aug 3 '62

ACREAGE AS OF ~~4-26-57~~

		Acres
Twp. 19-S., Rge 29 E.:		
Sec. 23 -	All	640.00
Sec. 24 -	All	640.00
Sec. 25 -	All	640.00
Sec. 26 -	All	640.00
Sec. 36 -	All	640.00
Twp. 19-S., Rge 30 E.:		
Sec. 32 -	All	640.00
Sec. 36 -	All	640.00
Twp. 20-S., Rge 29 E.:		
Sec. 2 -	All	643.76
Twp. 20-S., Rge 30 E.:		
Sec. 2 -	N1/2, W1/2 SW1/4, E1/2 SE1/4	480.72
Sec. 16 -	All	640.00
Sec. 17 -	All	640.00
Sec. 18 -	All	636.64
Sec. 18 -	All	637.84
Sec. 20 -	N1/2 NW1/4, NE1/4 SW1/4, S1/2 SW1/4	160.00
Twp. 22-S., Rge 28 E.:		
Sec. 16 -	All	640.00
EDDY COUNTY TOTA...		8,958.30

ACREAGE AS OF 4-25-57

		Acres
Twp. 19-S., Rge 33 E.:		
Rel. March 29 1960 ~~Sec. 33 - S1/2 NW1/4~~		~~80.00~~
Sec. 36 -	N1/2, NE1/4 SE1/4	360.00
~~**Twp. 19-S., Rge 34 E.:**~~		
Rel. March 29 1960 ~~Sec. 32 - All~~		~~640.00~~
Twp. 20-S., Rge 34 E.:		
Rel March 29 1960 ~~Sec. 8 - All~~		~~643.20~~
Sec. 16 -	All	640.00
Sec. 32 -	N1/2, SE1/4, NE1/4 SW1/4	520.00
Twp. 21-S., Rge 33 E.:		
Sec. 1 -	All except S1/2	640.12
Sec. 2 -	All except S1/2	640.56
Sec. 3 -	All except S1/2	638.52
Sec. 4 -	All except S1/2	636.56
Sec. 5 -	Lots 3, 4, 5, 6, 11, 12, 13 & 14	318.08
Sec. 6 -	Lots 9, 10, 11, 12, 13, 14, 15 & 16	305.92
Sec. 7 -	All	622.84
Sec. 8 -	W1/2	320.00
Sec. 9 -	All	640.00
Sec. 10 -	All	640.00
Sec. 11 -	All	640.00
Sec. 12 -	All	640.00
Sec. 13 -	All	640.00
Sec. 14 -	All	640.00
Sec. 15 -	All	640.00
Sec. 16 -	All	640.00
Sec. 17 -	W1/2	320.00
Sec. 18 -	S1/2	311.87
Sec. 19 -	All	624.24
Sec. 20 -	All	640.00
Sec. 21 -	All	640.00
Sec. 22 -	All	640.00
Sec. 23 -	All	640.00
Sec. 24 -	All	640.00
Sec. 25 -	NE1/4, S1/2 NW1/4, SW1/4 NW1/4, SW1/4, W1/2 SE1/4, and SE1/4 SE1/4	560.00
Sec. 26 -	All	640.00
Sec. 27 -	All	640.00

ACREAGE AS OF 4-25-57

		Acres
Twp. 21-S., Rge 33 E.:		
Sec. 28 -	S1/2, NE1/4, W1/2 NW1/4, SE1/4 NW1/4	600.00
Sec. 29 -	All	640.00
Sec. 30 -	All	624.56
Sec. 31 -	All	625.08
Sec. 32 -	All	640.00
Sec. 35 -	All	640.00
Sec. 36 -	All	640.00
Twp. 21-S., Rge 34 E.:		
Sec. 5 -	All	956.76
Sec. 6 -	All	947.10
Sec. 7 -	All	633.36
Sec. 8 -	All except NE1/4 SE1/4	600.00
Sec. 17 -	All	640.00
Sec. 18 -	All	633.88
Sec. 19 -	All	634.44
Sec. 20 -	All	640.00
Sec. 29 -	All	640.00
Sec. 30 -	All	635.16
Sec. 31 -	All	636.00
Sec. 32 -	All	640.00
Twp. 22-S., Rge 33 E.:		
Sec. 5 -	N1/2	320.20
Sec. 6 -	N1/2	312.83
LEA COUNTY TOTAL	30,338.08	~~31,701.28~~
EDDY COUNTY TOTAL	8,319.20	~~8,959.20~~
TOTAL	38,667.28	~~40,660.48~~

Lease No. M-873 Application No. M-873

POTASH MINING LEASE

(Under Act Approved March 12, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 24th day of April, 1939, by and between the State of New Mexico acting in this behalf by FRANK WORDEN, its Commissioner of Public Lands, party of the first part and hereinafter called the Lessor, and HOMER H. HARRIS of the City and County of Denver, State of Colorado, party of the second part and hereinafter called the Lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and hereinafter referred to as the Act, all of the provisions of said statute being hereby made a part hereof.

W I T N E S S E T H:

SECTION 1. THAT WHEREAS, the said Lessee has filed in the State Land Office an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Five [illegible] ($5.00) [illegible] in the [illegible] together with the sum of [illegible] application fee, evidenced by official receipt No. [illegible]

NOW, THEREFORE, in consideration of the said [illegible], receipt whereof is hereby confessed and

acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the Lessor does hereby grant, demise, lease and let to the Lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows, to-wit:

Subdivision.	Sec.	Twp.	Rge.	Acres.
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	36	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	36	20S	28E	640
All of	32	19S	31E	640
All of	36	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	160.72

containing 9,639.20 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment thereof, including the right to drill,

maintain and operate water wells on said lands and to produce and use the water therefrom; provided, that this lease shall extend only to and include any right or interest in the lands or the minerals therein reserved to the State of New Mexico under contract of purchase or deed heretofore or hereafter issued with a reservation of the minerals therein to said State.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the Lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Lessor by the Lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Lessor, in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this

lease, a minor fraction of such a section to be disregarded and a major fraction to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that where conditions existent on the lands may justify, exploratory work other than by the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the Lessee.

(c) To pay to the Lessor annually in-advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payment shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Lessor a royalty of five per cent of the value of the minerals produced hereunder, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; all such royalty provided for herein expressly reserved to the Lessor as provided by statute.

(e) Rentals and royalties due the State shall constitute a first lien on any and all improvements on the land leased, prior and superior to any other lien or encumbrance whatsoever whether created with or without notice of the lien for rental or royalties due or to become due.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the Lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Lessor or his duly authorized agent of all books and accounts of the Lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the Lessee shall be deemed and taken as sufficient ground for cancellation of this lease.

(g) To furnish the Lessor annually a map showing all prospecting and development work

on the leased lands and other related information, together with a report showing all buildings, structures and workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by Lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Lessor or his duly authorized agent and by other duly constituted state authority.

(i) To deliver to the Lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises if free from a state lien; and all such property shall become the property of the Lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Lessor.

(j) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the Lessee.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits therein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Lessor.

(m) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the Lessor and the Lessee further agrees to furnish the Lessor promptly copies of any and all analysis made by or for the Lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Lessor.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the Lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as Lessee's operations shall continue under the terms hereof.

SECTION 3. The Lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands herein leased as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purpose of this lease, and the use of so much of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or reasonably required for use of the lessee in exploring, developing and operating the lands leased hereby for the minerals herein leased, provided, however, that the Lessor hereby expressly reserves the right to lease the said lands for minerals other than those specified in Section 1 hereof, for the mining of said lands under such laws, but such other mineral shall not be permitted to unreasonably interfere with the operations of the lessee hereunder.

SECTION 4. The Lessee may at any time, by paying to the Lessor all amounts then due the Lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the Lessee shall have been paid and that a satisfactory showing is made to the Lessor that all creditors or others having an interest in or lien or claim against the Lessee are fairly and equitably protected, but in no case shall such termination be effective until the Lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the Lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the Lessor, Lessee or any assignee to enforce this lease or any of its terms, expressed or implied.

SECTION 5. If the Lessee shall fail to comply with the provisions of this lease or make default in the performance or observance of any of the terms, covenants and stipulations herein, and such default shall continue for thirty days after service of written notice thereof by the Lessor, then the Lessor may and he is hereby ex-

pressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occuring at any time in the future.

SECTION 6. It is expressly understood and agreed that all of the obligations, covenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereto.

IN WITNESS WHEREOF, The party of the first part has hereunto signed and causedits name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the Lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

By Frank Worden
Commissioner of Public Lands.

Lawrence Hawk

STATE OF NEW MEXICO)
: SS.
COUNTY OF _____)

Upon this _____ day of _____, 1939, personally appeared before me FRANK WORDEN, to me known to be the person described therein and who executed the above

and foregoing instrument, and acknowledged that he executed the same as Commissioner of Public Lands of the State of New Mexico as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires _____.

_____
Notary Public.

STATE OF COLORADO)
CITY AND :
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me HOMER H. HARRIS, to me known to be the person described therein and who executed the above and foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 23, 1942

Notary Public.

LEASE NO. _____ APPLICATION No. _____

(O.G.L.R. 1927 Revised March 12, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 30th day of June, 1931, by and between the State of New Mexico acting in this behalf by J. F. Hinkle, its Commissioner of Public Lands, thereunto duly authorized, party of the first part and hereinafter called the lessor and M. A. Lewis, whose post office address is First National Bank Building, Denver, Colorado, party of the second part and hereinafter called the lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and Chapter 99 of the Session Laws of the New Mexico Legislature of 1923, and hereinafter referred to as the Acts, all of the provisions of said statutes being hereby made a part hereof.

WITNESSETH:

SECTION 1. THAT WHEREAS, the said lessee has filed in the office of the Commissioner of Public Lands an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Two hundred seventy two and no/100 dollars ($ 272.00) as the first annual rental thereon, together with the sum of $5.00 application fee, evidenced by official receipt No. 73[illegible].

NOW, THEREFORE, in consideration of the said above tender, receipt whereof is hereby confessed and acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the lessor does hereby grant, demise, lease and let to the lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows; to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	15	20S	30E	640
All of	17	20S	30E	640
All of	19	20S	30E	640
All of	13	20S	30E	640

Description continued:

Subdivision	Sec.	Twp.	Rge.	Acres
[illegible]	20	20S	30E	40
[illegible]	20	20S	30E	40
S½S½	20	20S	30E	40

containing 2720.00 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment hereof, including the right to drill, maintain and operate water wells on said lands and to produce and use the water therefrom.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Commissioner of Public Lands by the lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Commissioner of Public Lands in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this lease, a minor fraction of such a

section to be [illegible] and a legal subdivision to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that conditions existent on the land may justify exploratory work other than the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the lessee

(c) To pay to the Commissioner of Public Lands annually in advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payments shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Commissioner of Public Lands of the State of New Mexico a royalty of five percent of the value of the minerals produced hereunder, except sodium chloride or common salt, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; and to pay to the Commissioner of Public Lands of the State of New Mexico a royalty of ten percent of the actual sale price on all sodium chloride or common salt produced hereunder at the place of extraction; all such royalty provided for herein is expressly reserved to the lessor as provided by statute.

(e) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the lessee.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Commissioner of Public Lands or his duly authorized agent of all books and accounts of the lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the lessee shall be deemed and taken as sufficient ground for the cancellation of this lease.

(g) To furnish the Commissioner of Public Lands annually a map showing all prospecting and development work on the leased lands and other related information, together with a report showing all buildings, structures workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Commissioner of Public Lands or his duly authorized agent and by other duly constituted state authority.

(i) To deliver up to the lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises and all such property shall become the property of the lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Commissioner of Public Lands.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits in contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Commissioner of Public Lands.

(k) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the lessor and to be stored and preserved or disposed of as the Commissioner of Public Lands may from time to time direct, and the lessee further agrees to furnish the Commissioner of Public Lands promptly copies of any and all analysis made by or for the lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Commissioner of Public Lands.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as lessee's operations shall continue under the terms hereof.

SECTION 3. The lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands hereby issued as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purposes of this lease, and the right to dispose of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or required for use of the lessee in extracting and removing the potash and other mineral deposits therein contained. And the lessor further expressly reserves the right to lease the said lands for minerals other than those described in Section 1 hereof, but the workings of said lands under such lease, for such other minerals shall not be permitted where such operations will prevent or materially interfere with the operations of the lessee hereunder.

SECTION 4. The lessee may at any time, by paying to the State of New Mexico through its Commissioner of Public Lands all amounts then due the lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars

surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the lessee shall have been paid and that a satisfactory showing is made to the Commissioner of Public Lands that all creditors or others having an interest in or lien or claim against the lessee are fairly equitably protected, but in no case shall such termination be effective until the lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the lessor, lessee or any assignee to enforce this lease or any of its terms, express or implied.

SECTION 5. If the lessee shall fail to comply with the provisions of this lease or make default in the performance of observance of any of the terms, covenants and stipulations here, and such default shall continue for thirty days after service of written notice thereof by the Commissioner of Public Lands, then the Commissioner of Public Lands may and he is hereby expressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occurring at any other time.

SECTION 6. It is expressly understood and agreed that all of the obligations, convenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereb.

IN WITNESS WHEREOF: The party of the first part has hereunto signed and caused its name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

Attest:

By J. E. Miles
Commissioner of Public Lands

STATE OF NEW MEXICO }
}
COUNTY OF SANTA FE }

On this the 30th day of June 193', personally appeared before me M. A. Lewis, to me known to be the person who executed the foregoing instrument as Lessee, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Frank Coleman Bingham
Notary Public

My commission expires:
May 15-1933

ASSIGNMENT NO. ONE.

ASSIGNMENT OF POTASH MINING LEASE.

WHEREAS, M. A. LEWIS is the Lessee named in and the present holder of Potash Mining Lease No. M-274, granted to him June 30, 1931, by the Commissioner of Public Lands of the State of New Mexico, and for a valuable consideration, receipt whereof is confessed and acknowledged, has agreed to assign all his right, title and interest in said Lease to the Assignee hereinafter named,

NOW, THEREFORE, This Indenture WITNESSETH:

That the said M. A. Lewis and Dorothy F. Lewis, his wife, both of the City and County of Denver, State of Colorado, for and in consideration of good, valuable and sufficient considerations, receipt whereof is confessed and acknowledged, do hereby transfer, assign and set over unto Homer H. Harris of the City and County of Denver, State of Colorado, all of their right, title and interest in and to the aforesaid Potash Mining Lease and in and to the following described lands situate in Eddy County, New Mexico, covered by said Lease, to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	40

Dated at Denver, Colorado, this 14th day of March, 1939.

M. A. Lewis (SEAL)

Dorothy F. Lewis (SEAL)

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 13
Case No. 1

STATE OF COLORADO)
CITY AND : SS.
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me M. A. Lewis and Dorothy F. Lewis, his wife, to me known to be the persons described in and who executed the above and foregoing instrument, and acknowledged to me that they and each of them executed the same as their free act and deed.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 15, 1942.

Louise Hatfield
Notary Public.

Office of Commissioner of Public Lands,

Santa Fe, New Mexico.

I hereby certify that the within assignment was filed in my office on the 24th day of April, 1939, and approved by me on April 24, 1939.

Fred Gordon
Commissioner of Public Lands.

(INDIVIDUAL FORM)

RELINQUISHMENT

KNOW ALL MEN BY THESE PRESENTS:

That Homer H. Harris, a married man,
(State whether married or single)

and Georgine R. Harris, his wife,
(wife, if any)

of the City and County of Denver and State of Colorado

do hereby relinquish and release unto the State of New Mexico all their right, title and interest in and to the certain ~~oil and gas~~ potash mining lease No. M-274 issued by the State of New Mexico, and now held under assignment No. One insofar as the same affects the following described lands:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW¼NW¼	20	20S	30E	40
NE¼SW¼	20	20S	30E	40
S½SW¼	20	20S	30E	40

The relinquishment of the potash mining lease herein is made for the sole purpose of consolidating said lease with three others held by Homer H. Harris, to-wit: Potash Mining Lease No. M-306, Potash Mining Lease No. M-275, and Potash Mining Lease No. M-348.

WITNESS our hands and seals this 20th day of April, 1939.

Homer H. Harris (Seal)

Georgine R. Harris (Seal)

(Seal)

STATE OF Colorado
City and
COUNTY OF Denver } ss.

On this day of April, 1939, before me appeared Homer H. Harris, a married man, and Georgine R. Harris, his wife, to me personally known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Notary Public.

P.C.A. C
3029

Application No. .....

APPLICATION

For Lease on State Lands for Potassium, Sodium, Phosphorus, Etc.

(Under Act of March 11, 1929)

To the Commissioner of Public Lands,
Santa Fe, New Mexico.

Sir: [illegible],

I, [illegible], ... of [illegible], Colorado hereby make application for a lease for the development, exploration and production of potassium, sodium, phosphorus, and their salts and compounds, as authorized by the Act of the New Mexico Legislature above cited, upon the following described lands situate in the County of Eddy, State of New Mexico, to-wit:

SUBDIVISION	SEC.	TWP.	RGE.	ACRES
All of	[illegible]	19S	29E	640
All of	[illegible]	19S	29E	640
All of	[illegible]	19S	29E	640
All of	[illegible]	19S	29E	640
N 1/2	[illegible]	19S	29E	320
NW 1/4 NW 1/4	[illegible]	19S	30E	40
All of	[illegible]	19S	30E	640
S 1/2	[illegible]	19S	29E	320
All of	[illegible]	20S	29E	643.76
All of	[illegible]	20S	30E	640
All of	[illegible]	20S	30E	640
All of	[illegible]	20S	30E	636.88
All of	[illegible]	20S	30E	637.84
NW 1/4 NW 1/4	[illegible]	20S	30E	40
NE 1/4 SW 1/4	[illegible]	20S	30E	40
S 1/2 SW 1/4	[illegible]	20S	30E	80
All of	[illegible]	20S	28E	640
All of	[illegible]	19S	31E	640
All of	[illegible]	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

through a shaft located in Section 4, Township 20 South, Range 30 East.

See descriptions of such wells heretofore filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, [illegible]
(Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. D
Case No. 3[illegible]

STATE OF [illegible]
COUNTY OF [illegible]

Subscribed and sworn to before me by [illegible]

the above named applicant, this 30th day of [illegible], 1939.

.....

My commission expires ..... Notary Public.

Application No. .....

APPLICATION

containing a total of 2,(illegible).20 acres, more or less, and is tendered herewith as a bonus and first year's rental thereon the sum of $..... together with application fee of $5.00.

Applicant states and shows that the facts and conditions relating to the character and value of the said lands for production of said minerals and the development and exploration of the same thereon and in the vicinity thereof as stated in answer to the following questions:

1. Have any test well or wells been drilled on said lands or within five miles thereof for determining whether or not deposits of said minerals, or any of them, are present?

Test wells have been drilled on said lands, or within the vicinity thereof by Potash Company of America, which said company is now engaged in developing a substantial portion of Federal and State lands through a shaft located in Section 1, Township 20 South, Range 30 East.

See descriptions of such wells now before filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, ...
(Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

STATE OF .....

COUNTY OF .....

Subscribed and sworn to before me by .....

the above named applicant, this ..... day of ....., 1939 .

.....

My commission expires ..... Notary Public.

E

STATE OF NEW MEXICO)
COUNTY OF SANTA FE)

C E R T I F I C A T E

I, E. S. Johnny Walker, duly elected, qualified and [illegible]
of Public Lands in and for the State of New Mexico, [illegible]
that the attached and foregoing plat contains [illegible] of Section 16
1933, is a full, true and complete [illegible] of the original on file in my
office of date [illegible]

IN WITNESS WHEREOF, I [illegible] and affix the seal of office on this
14th day of March, 1934.

E. S. JOHNNY WALKER
Commissioner of Public Lands

ACREAGE ASSESSMENT

	Acres
[illegible]	
Sec. 23 - [illegible]	640.00
Sec. 24 - [illegible]	640.00
Sec. 25 - [illegible]	640.00
Sec. 26 - [illegible]	640.00
Sec. 35 - [illegible]	640.00
[illegible]	
Sec. 31 - [illegible]	642.00
Sec. [illegible] - [illegible]	640.00
[illegible]	
[illegible]	643.76
[illegible]	
[illegible] - [illegible] W1/2 SW1/4, S1/2 SE1/4	480.72
Sec. 36 - [illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

STATE LEASE NO.
Page 2
April 6, 1967

ACREAGE AS OF 4-36-67

		Acres
Twp. 19-S., Rge 33 E.:		80.00
Sec. 35 -	S1/2 NW1/4	360.00
Sec. 36 -	N1/2, NE1/4 SE1/4	
Twp. 19-S., Rge 34 E.:		640.00
Sec. 32 -	All	
Twp. 20-S., Rge 34 E.:		643.20
Sec. 2 -	All	640.00
Sec. 16 -	All	520.00
Sec. 32 -	N1/2, SE1/4, NE1/4 SW1/4	
Twp. 21-S., Rge 33 E.:		640.12
Sec. 1 -	All except S1/2	640.56
Sec. 2 -	All except S1/2	638.52
Sec. 3 -	All except S1/2	636.56
Sec. 4 -	All except S1/2	318.08
Sec. 5 -	Lots 3, 4, 5, 6, 11, 12, 13 & 14	305.32
Sec. 6 -	Lots 8, 10, 11, 12, 13, 14, 15 & 16	622.84
Sec. 7 -	All	320.00
Sec. 8 -	W1/2	640.00
Sec. 9 -	All	640.00
Sec. 10 -	All	640.00
Sec. 11 -	All	640.00
Sec. 12 -	All	640.00
Sec. 13 -	All	640.00
Sec. 14 -	All	640.00
Sec. 15 -	All	640.00
Sec. 16 -	All	320.00
Sec. 17 -	W1/2	311.07
Sec. 18 -	S1/2	624.24
Sec. 19 -	All	640.00
Sec. 20 -	All	640.00
Sec. 21 -	All	640.00
Sec. 22 -	All	640.00
Sec. 23 -	All	640.00
Sec. 24 -	All	
Sec. 25 -	NE1/4, E1/2 NW1/4, E1/2 SW1/4, SW1/4 SW1/4	560.00
	W1/2 NW1/4, NW1/4 SW1/4	640.00
Sec. 26 -	All	640.00
Sec. 27 -	All	

SPT PRODUCERS [illegible] 78
[illegible]
April 8, 1977

ACREAGE AS OF 4-33-57

		Acres
Twp. 21-S., Rge 33 E.:		
Sec. 29 -	S1/2, NE1/4, W1/2 NW1/4, SE1/4 NW1/4	800.00
Sec. 30 -	All	640.00
Sec. 30 -	All	624.56
Sec. 31 -	All	625.08
Sec. 32 -	All	640.00
Sec. 35 -	All	640.00
Sec. 36 -	All	640.00
Twp. 21-S., Rge 34 E.:		
Sec. 5 -	All	956.78
Sec. 6 -	All	947.10
Sec. 7 -	All	636.36
Sec. 8 -	All except NE1/4 SE1/4	600.00
Sec. 17 -	All	640.00
Sec. 18 -	All	655.88
Sec. 19 -	All	634.44
Sec. 20 -	All	640.00
Sec. 29 -	All	640.00
Sec. 30 -	All	635.16
Sec. 31 -	All	636.00
Sec. 32 -	All	640.00
Twp. 22-S., Rge 33 E.:		
Sec. 5 -	N1/2	320.20
Sec. 6 -	N1/2	313.93
LEA COUNTY TOTAL -	[illegible]	$1,761.22
EDDY COUNTY TOTAL -	8,[illegible]2	$8,289.20
	TOTAL [illegible]	$10,050.42

Lease No. [illegible] Application No. M-0775

POTASH MINING LEASE

(Under Act Approved March 4, 1927)

THIS INDENTURE OF LEASE entered into in duplicate this 24th day of April, 1939, by and between the State of New Mexico acting in this matter by Fred Wood, the Commissioner of Public Lands, party of the first part and hereinafter called the lessor, and HOMER H. HARRIS of the City and County of Denver, State of Colorado, party of the second part and hereinafter called the lessee, under, pursuant and subject to the terms and provisions of Chapter 110 of the Laws of the New Mexico Legislature of 1927, and hereinafter referred to as the Act, all other provisions of said statute being hereby made a part hereof.

W I T N E S S E T H:

[illegible]

acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the Lessor does hereby grant, demise, lease and let to the Lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows, to-wit:

Subdivision.	Sec.	Twp.	Rge.	Acres.
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	36	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.68
All of	19	20S	30E	637.84
NW 1/4 SW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	36	19S	30E	640
[illegible] SW				
[illegible] SW				
[illegible]		20S	30E	320 [illegible]

containing [illegible] acres, more or less, together with the right of construction and maintaining thereon all works, buildings, plants, waterways or structures necessary to the full enjoyment thereof, including the right to drill,

maintain and operate water wells on said lands and to produce and use the water therefrom; provided, that this lease shall extend only to and include any right or interest in the lands or the minerals therein reserved to the State of New Mexico under contract of purchase or deed heretofore or hereafter issued with a reservation of the minerals therein to said State.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the Lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Lessor by the Lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Lessor, in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in the

lease, a minor fraction of such a section to be disregarded and a major fraction to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that where conditions existent on the lands may justify, exploratory work other than by the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the Lessee.

(c) To pay to the Lessor annually in advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payment shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Lessor a royalty of five per cent of the value of the minerals produced hereunder, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; all such royalty provided for herein expressly reserved to the Lessor as provided by statute;

(e) Rentals and royalties due the State shall constitute a first lien on any and all improvements on the land leased, prior and superior to any other lien or encumbrance whatsoever whether created with or without notice of the lien for rental or royalties due or to become due.

or the leased lands and other related information, together with a report showing all buildings, structures and workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by Lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Lessor or his duly authorized agent and by other duly constituted state authority.

(i) To deliver to the Lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good operating condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon [illegible] of this lease the Lessee shall [illegible] to remove [illegible] from the leased premises [illegible] and to [illegible] to remove [illegible] within [illegible] by the Lessor.

[illegible]

(k) To comply with all statutory requirements where the surface of the lands embraced herein is sold or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits therein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Lessor.

(m) To save and preserve a core or all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the Lessor and the Lessee further agrees to furnish the Lessor promptly copies of any and all analyses made of or for the benefit of Lessee taken from test wells drilled on the leased premises, and a set of washed samples of mineral strata penetrated upon the demand of the Lessor.

(n) To pay annually in advance hereon on the [illegible] day of the first [illegible] lease a minimum sufficient [illegible] not to exceed ten thousand (10,000) [illegible]

SECTION 4. The Lessee may at any time, by paying to the Lessor all amounts then due the Lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the Lessee shall have been paid and that a satisfactory showing is made to the lessor that all creditors or others having an interest in or lien or claim against the lessee are fairly and equitably protected, but in no case shall such cancellation be effective until the lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby, and provided further that this agreement shall not be deemed cancelled

pressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occuring at any time in the future.

SECTION 6. It is expressly understood and agreed that all of the obligations, covenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereto.

IN WITNESS WHEREOF, The party of the first part has hereunto signed and caused its name to be signed by the Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the Lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

By _____
Commissioner of Public Lands.

_____

and foregoing instrument, and acknowledged that he executed the same as Commissioner of Public Lands of the State of New Mexico as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires _____.

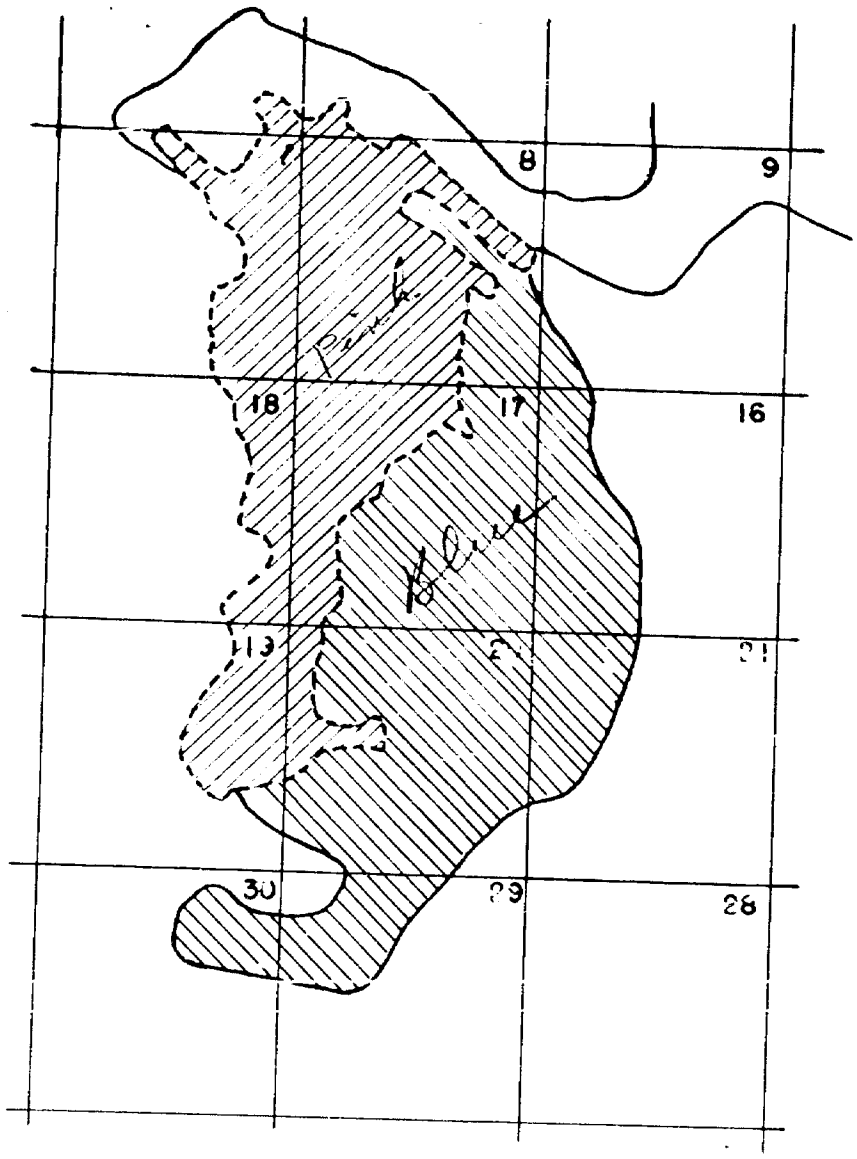
_____
Notary Public.

STATE OF COLORADO)
CITY AND)
COUNTY OF DENVER)

Upon this 28th day of March, 1938, personally appeared before me HOMER L. HARRIS, to me known to be the person described therein and who executed the above and foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my

Notary Public.



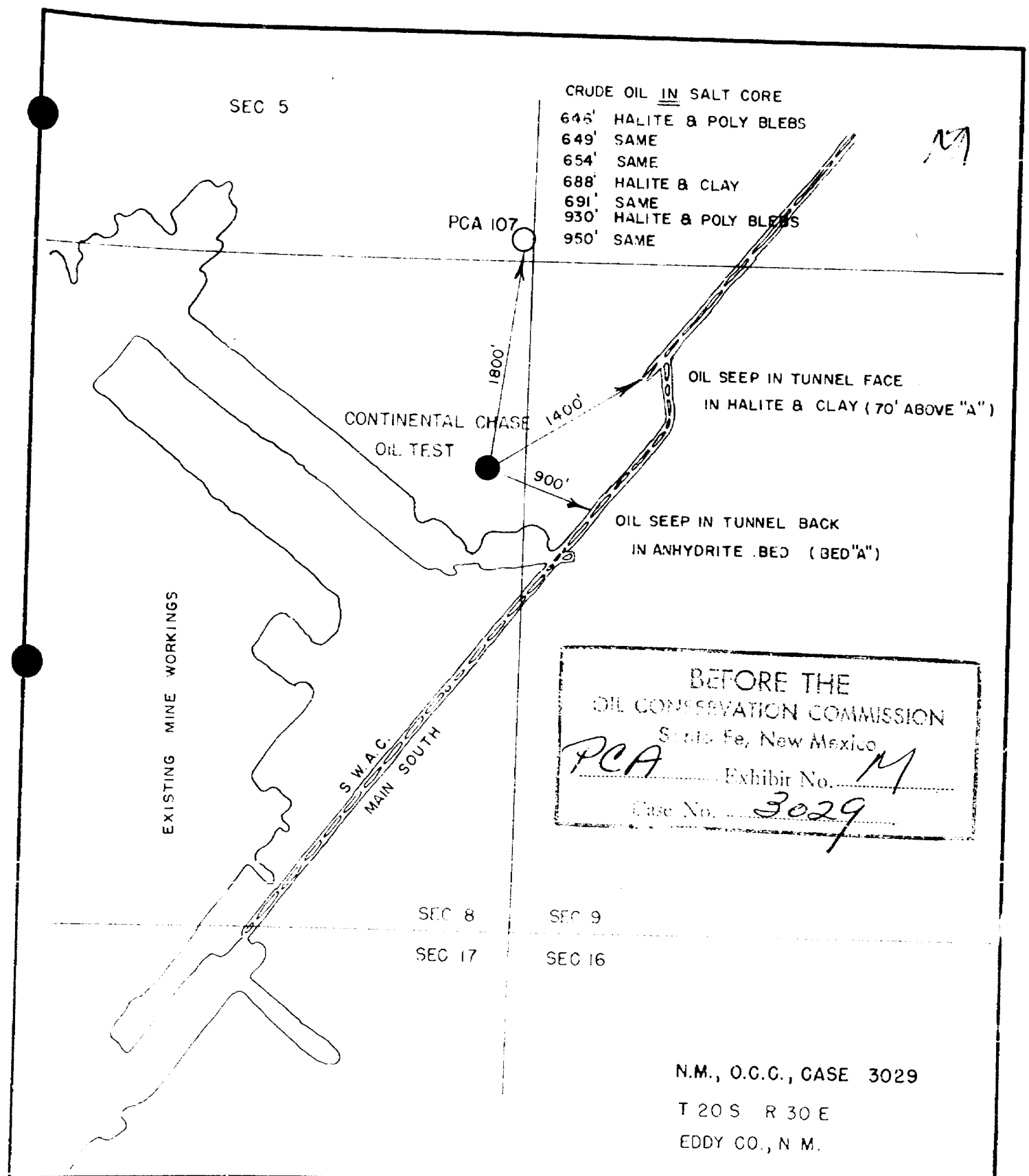
T 20 S , R 30 E

EDDY CO., N.M.

N.M., O.C.C., CASE 3029

P.C.A. Sy H.

APPROVED BY		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE- 1" : 4000' / DATE- MARCH '64	DRAWN BY LPC / CHECKED BY / DIRECTED BY JBC / DRAWING NO.



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
PCA Exhibit No. M
Case No. 3029

N.M., O.C.C., CASE 3029
T 20 S R 30 E
EDDY CO., N M.

APPROVED BY	SHOWING CONTINENTAL CHASE OIL TEST AND THE AREAS WHERE CRUDE OIL HAS BEEN ENCOUNTERED IN SALT.	POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO
	SCALE- 1"= 1000' / DATE- MARCH 64	DRAWN BY LPC / CHECKED BY / DIRECTED BY JBC / DRAWING NO.

Saskatchewan foremost in potash

GREAT NATURAL MARKET

Local potash ore has market advantages

The following remarks by IMC's Vice President A. E. Cascino, to the special preview guests last week, indicate the thriving market for Esterhazy potash:

Because of its location and the high grade of its ore, this mine has certain advantages that put it in a unique position.

We have a productive capacity of 1,000,000 tons a year --which is a lot of potash in anybody's book. Yet -- because of economies peculiar to the potash industry -- we actually find ourselves with a market potential of six million tons a year.

Basically, this is because of the fact that 114 nations in the world consume potash -- and less than a dozen have potash deposits within their own borders.

Consequently, each producing point has its own natural market -- a natural market being that portion of the world to which any given producer can ship more economically and efficiently than any other producer.

Six factors govern any producer's ability to compete in a foreign market. These are: grade of ore, mining costs, shipping costs from mine to port of embarkation, vessel loading costs, shipping cost from port of embarkation to port of debarkation, and finally, processing costs within the customer's plant.

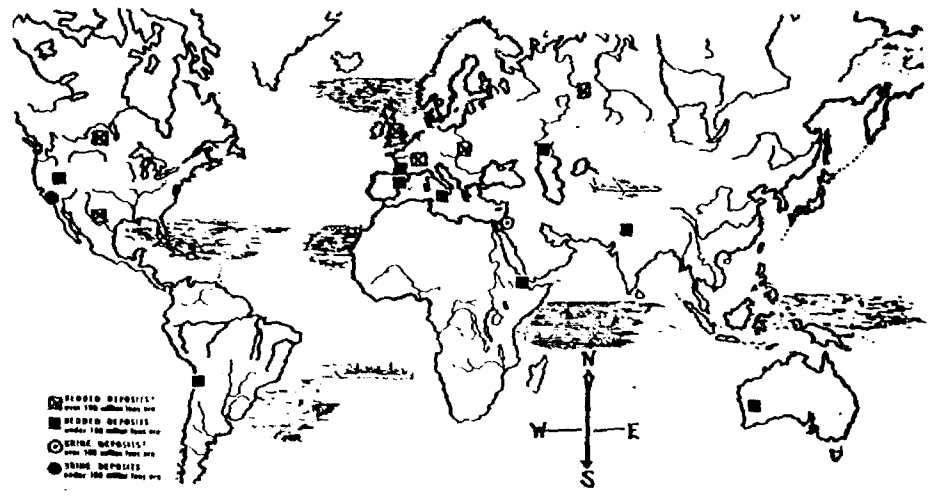
Extensive computations reveal that Saskatchewan potash is so strategically located, and the ore is so rich, that any other producer would have to reduce its prices **at the mine** merely to match the customers **landed costs** for our potash.

And the area in which this holds true, our natural market area — is all of the Western hemisphere above the middle of the United States, with the exception of eastern Greenland; Australia and most of the islands of the South Pacific; and all of Free Asia as far west as half of India. Most importantly, Japan is part of this natural market.

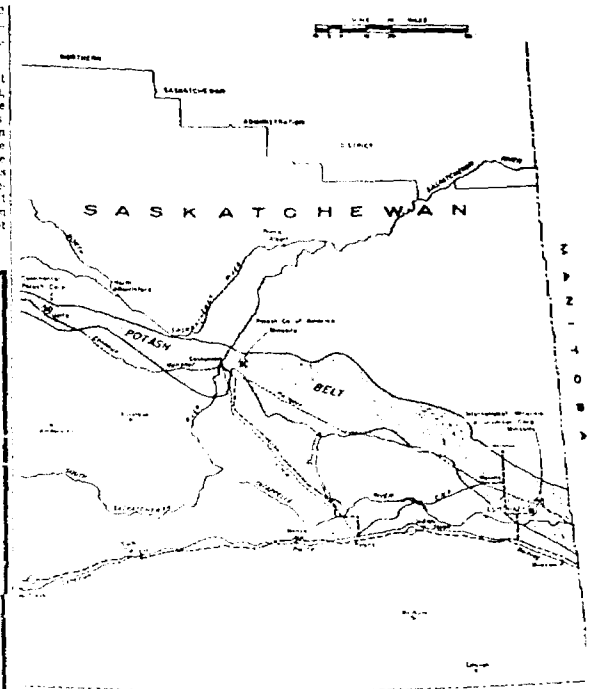
While these facts alone do not assure the sale of more than a million tons a year, they do constitute a tremendous economic advantage. And when this advantage is added to the many others we possess, it is easy to see why we are confident of Esterhazy's future.

We have a full line of services, sizeable captive consumption, many attractive reciprocity agreements, the largest technical staff in the industry, a host of agronomists, a well trained and established overseas sales force based in strategic locations, and — very significantly — long-standing and intimate relationships with large customers in foreign markets.

It is interesting that this new potash on the market will cause some displacement, but those most affected will be the other European producers. Even so, prices should remain firm. It simply will not be economical to try to compete with Canadian potash within its natural market. Moreover, demand for potash is growing at an annual rate of half a million tons. There is plenty of market for all.



This map shows the distribution of potash deposits throughout the world. On the North American continent there are only two bedded deposits of over 100 million tons, in Saskatchewan and New Mexico. Brine deposits are found in California, and in the great salt lake in Utah. The bedded deposits are layers of potassium salts deposited in the evaporation of ancient seas, and in these bedded deposits lie most of the world's potash. The brine deposits refer to a still incompletely evaporated lake, or seas, such as the Dead Sea. Potash can be recovered from brine by a further evaporation process. Map from IMC World.



CONGRATULATIONS

to

International Minerals and Chemical Corporation (Canada) Ltd.

on the occasion of K-Day, September 20th, 1962, marking the start of full production at their potash mine and refinery at Yarbo.

-from-

The Miner Rubber Company LIMITED

Makers of Black Diamond Industrial Clothing and Safety Rubber Footwear

435 Cumberland Ave., Winnipeg 2, Man.

T. 15 N., R. 20 W.,
Secs. 1, 3, 5, 7, 9, 11, 13, 15, 17, and 21;
Sec. 23, SW¼;
Secs. 25, 27, and 29;
Sec. 31, less R/W AT&SF Ry., Manuelito Pipeline;
Sec. 33;
Sec. 35, N½ and SW¼.
T. 11 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1 through 6, Incl., S½NE¼ and SE¼;
Secs. 11 and 13;
Sec. 15, lots 1, 2, 3, and 4, E½.
T. 12 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1 through 6, Incl., S½NE¼ and SE¼;
Sec. 11;
Sec. 13, NE¼ and S½;
Sec. 15, lots 1, 2, 3, 4, E½;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, 4, E½;
Sec. 35.
T. 13 N., R. 21 W.,
Sec. 1, less R/W AT&SF Ry., FAP 76–B;
Sec. 3, lots 1, 2, 3, and 4;
Sec. 13, SE¼NE¼, NW¼NW¼, S½NW¼, and S½;
Sec. 15, lots 2, 3, 4, less R/W FAP 76–B;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35.
T. 14 N., R. 21 W.,
Sec. 1, N½ and SW¼;
Sec. 3, lots 1, 2, 3, and 4;
Secs. 11 and 13;
Sec. 15, lots 1, 2, 3, and 4;
Sec. 23;
Sec. 25, S½N½ and S½;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35, NE¼NE¼, S½NE¼, SW¼NW¼, and S½.
T. 15 N., R. 21 W.,
Sec. 1;
Sec. 3, lots 1, 2, 3, and 4;
Secs. 11 and 13;
Sec. 15, lots 1, 2, 3, and 4;
Secs. 23 and 25;
Sec. 27, lots 1, 2, 3, and 4;
Sec. 35, W½.

The areas described aggregate 241,807.89 acres.

5. Some of the lands described in paragraph 2 of this order were declared by the Act of August 13, 1949 (63 Stat. 604; 25 U.S.C. 622), to be held by the United States in trust for the respective tribes, bands, or groups of Indians occupying and using them. The remainder were by the said Act declared to be public domain. As authorized by the said Act, an order of the Secretary of the Interior appearing at pages 1851–1858 of the FEDERAL REGISTER of March 31, 1950, identified the lands in the respective categories. The public domain lands were opened by a Bureau of Land Management order of November 13, 1953 (18 F.R. 7496–7497).

6. The lands in the withdrawal of July 8, 1931, described in paragraph 3 of this order have been included in other orders of revocation or have been otherwise disposed of, with the exception of the following-described lands:

T. 2 N., R. 6 W.,
Sec. 6, lot 3 and SE¼NW¼.

7. The lands withdrawn by paragraph 4 of this order are all within the revocation made by paragraph 1. The objective of paragraph 4 of this order is to establish for ready reference the lands still remaining in the withdrawal created by the order of September 1, 1939, and to establish with certainty, without reference to other sources, the identity of those lands, at the same time releasing from the withdrawal made by the order of September 1, 1939, all lands no longer withdrawn for its purposes, because disposed of by exchange or otherwise.

8. Beginning at 10:00 a.m. on October 1, 1960, the lands in section 6, T. 2 N., R. 6 W., described in paragraph 6 of this order, shall be open to application, petition, location and selection, under applicable nonmineral public land laws, subject to valid existing rights, the requirements of applicable law, and the six-months preference right filing period granted to the State of New Mexico, by subsection (c) of section 2 of the act of August 27, 1958 (72 Stat. 928; 43 U.S.C. 851–2).

9. The lands described in paragraph 6 shall be open to location under the United States mining laws and to applications and offers under the mineral leasing laws at 10:00 a.m. on February 25, 1961. Mining locations made prior thereto shall be invalid.

10. Inquiries concerning the lands shall be addressed to the Manager, Land Office, Bureau of Land Management, Santa Fe, New Mexico.

ROGER ERNST,
Assistant Secretary of the Interior.

AUGUST 26, 1960.

[F.R. Doc. 60–8236; Filed, Sept. 2, 1960; 8:47 a.m.]

[Public Land Order 2100]

[84464]

UTAH

Withdrawing Public Lands From Oil and Gas Leasing for Preservation and Development of Potash Deposits Belonging to the United States

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

1. The following described lands are hereby withdrawn from appropriation under the oil and gas leasing provisions of the Mineral Leasing Act of February 25, 1920 (41 Stat. 437; 30 U.S.C. 181, et seq.), as amended and supplemented for the purpose of preservation and development of potash deposits belonging to the United States:

SALT LAKE PRINCIPAL MERIDIAN

T. 26 S., R. 20 E.,
Secs. 22 to 27, incl.;
Sec. 34, E½;
Secs. 35 and 36.
T. 27 S., R. 20 E.,
Sec 1;
Sec. 2, lots 1, 2, 7, 8, and S½NE¼.
T. 26 S., R. 21 E.,
Secs. 30 to 32, incl.
T. 27 S., R. 21 E.,
Secs. 4 to 6, incl.;
Sec. 7, lots 1 to 4, incl., and NE¼;
Sec. 8, N½;
Sec. 9, N½.

The areas described aggregate approximately 11,128 acres, of which approximately 9,445 acres are public lands.

2. The withdrawal effected by this order shall terminate ten years from and after the date of the publication of this order in the FEDERAL REGISTER unless it is extended by an appropriate order of extension. Upon the termination of the withdrawal, the lands shall again be subject to leasing for oil and gas development purposes upon such terms and conditions as the Secretary of the Interior may specify in an order of opening, consistent with the then existing law and regulations.

ELMER F. BENNETT,
Under Secretary of the Interior.

AUGUST 29, 1960.

[F.R. Doc. 60–8239; Filed, Sept. 2, 1960; 8:47 a.m.]

This is a copy of the Public Land Order from the Federal Register 9/3/60.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 1716
CARLSBAD, NEW MEXICO

April 10, 1964

Potash Company of America
P. O. Box 31
Carlsbad, New Mexico

Gentlemen:

You recently requested that this office compile data relative to the potash orebody contained in the SE¼, Sec. 17, T. 20 S., R. 30 E., N.M.P.M., New Mexico, which is embraced in your State of New Mexico potash lease, with special reference to unrecoverable tonnages and values involved in the event a high pressure gas or oil well should be drilled in the SE¼, Sec. 17, which would require protection when mining operations progressed to the vicinity of the well.

Data sheets are attached hereto which set forth the information desired. The four potash core tests located at the four corners of the SE¼, Sec. 17, indicate the potash orebody will average 4 feet in thickness with a grade of 24.8% K_2O. Tonnages are computed on the basis of 16 cubic feet = 1 ton. The average value per unit of K_2O during the current fertilizer year is 37.5 cents for standard muriate. Mining extraction is computed on the basis of 65% for first mining and 25% for second mining. Mill efficiency should approximate 90%. The orebody lies at an average depth of about 700 feet and observance of a 45 degree subsidence angle would be required to protect a producing oil or gas well. In the event of a high pressure gas well the normal 100-foot radius mine protection ore pillar adjacent to the well should be increased to at least a 200-foot radius pillar.

In summary, the potash orebody in the SE¼, Sec. 17, computes to a recoverable value of $81,870 per acre with a recoverable value per ton of ore of $8.35. Total losses involved in protecting a producing oil or gas well compute to 116,632 tons with a recoverable value of $973,877, consisting of a second mining loss of 88,358 tons and a well pillar loss of 28,274 tons.

While I am not aware of the future production potential of the Barber pool, the pool has been producing since discovery in 1937. In the normal course of events it would appear that, to some degree, production should be declining and the pool should be approaching economic exhaustion. If

this be true, it would not be unreasonable to assume that within the next sixteen years, which your company estimates as the remaining productive life of the mine, the pool wells normally would be plugged and abandoned, thus rendering available for mining the considerable tonnage of ore presently required to be left intact to protect the pool wells.

Very truly yours,

R. S. Fulton

R. S. Fulton
Regional Mining Supervisor

RSF:nb
Attachment:

POTASH ORE MINING - SEC. 32, T. 20 S., R. 20 E., S.L.B.&M.

Average thickness and grade of ore under 160-acre tract:

Well No.	% K_2O	Thickness in feet	Assay Ft.
P-32	24.0	4.0	96.00
P-4A	22.5	4.0	90.00
P-64	21.6	4.0	86.40
P-63	30.8	4.0	123.60
		4,216.0	16,396.00

Average thickness = 4.0 ft, Average Grade = 24.752 K_2O

Average value per unit of K_2O = 37.5 cents

Recoverable Value/Acre = 2,722.5 x 4.0' x .2475 x .81 x 100 x .375 = $81,870

Recoverable Value/Ton = .2475 x .90 (Mill Efficiency) x 100 x .375 = $ 8.35

Recoverable Ore Tons and Values Involved in 700 ft. Radius Subsidence Area Containing 200 ft. Radius Solid Ore Pillar Left To Protect High Pressure Gas or Oil Well

Conditions: 15 cu. ft. = 1 ton; first mining extraction = 65%; second mining extraction = 25%; mill efficiency = 90%, average depth of orebody = 700 feet.

Total subsidence area = πr^2 = 3.1416 x $(700')^2$ = 1,539,384 sq. ft.

Total tons contained ore = $\frac{1,539,384 \times 4 \text{ ft.}}{16}$ = 384,846

Solid Ore Pillar Area = πr^2 = 3.1416 x $(200')^2$ = 125,664 sq. ft.

Total Tons contained ore = $\frac{125,664 \times 4 \text{ ft.}}{16 \text{ cu. ft.}}$ = 31,416

	Recoverable Tons	Value/Ton	Recoverable Value
1st Mining (65% ext.)	250,150	$ 8.35	$ 2,088.753
2nd Mining (25% ext.)	96,212	"	803,370
Total Mining	346,362	$ 8.35	$ 2,892,123
Pillar Stumps (10%)	(38,484)	Not Recoverable	($ 321,341)
Total Ore	384,846	$ 8.35	$ 3,213,464

Recoverable Ore Tons and Value Lost in 700-ft. Radius Subsidence Area Containing 200-ft. Radius Solid Ore Pillar to Protect Well:

	Tons	Value/ton	Total Value
Total Subsidence Area	384,846	$ 8.35	$ 3,213,464
Less Ore Pillar Area	- 31,416	"	- 262,324
Available Ore	353,430		$ 2,951,140
Lost 2nd Mining (25% ext.)	- 88,358	"	- 737,789
Lost Recoverable Ore in Pillar (90% ext. of 31,416 tons)	- 28,274	"	- 236,088
Total Recoverable Ore Lost	116,632	$ 8.35	$ 973,877

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 1716
CARLSBAD, NEW MEXICO

April 10, 1964

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P. O. Box 31
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Data sheets are attached hereto which set forth the information desired. The four potash core tests located at the four corners of the SE¼, Sec. 17, indicate the potash orebody will average 4 feet in thickness with a grade of 24.8% K_2O. Tonnages are computed on the basis of 16 cubic feet = 1 ton. The average value per unit of K_2O during the current fertilizer year is 37.5 cents for standard muriate. Mining extraction is computed on the basis of 65% for first mining and 25% for second mining. Mill efficiency should approximate 90%. The orebody lies at an average depth of about 700 feet and observance of a 45 degree subsidence angle would be required to protect a producing oil or gas well. In the event of a high pressure gas well the normal 100-foot radius mine protection ore piller adjacent to the well should be increased to at least a 200-foot radius pillar.

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Average thickness and grade of ore under 160-acre tract:

Well No.	% K_2O	Thickness in Feet	Assay Ft.
P-32	24.0	4.0	96.00
P-4A	22.5	4.0	90.00
P-64	21.6	4.0	86.40
P-63	30.9	4.0	123.60
		4/16.0	16/396.00

Average thickness = 4.0 ft; Average Grade = 24.75% K_2O

Average value per unit of K_2O = 37.5 cents

Recoverable Value/Acre = 2,722.5 x 4.0' x .2475 x .81 x 100 x .375 = $81,870

Recoverable Value/Ton = .2475 x .90 (Mill Efficiency) x 100 x .375 = $ 8.35

Recoverable Ore Tons and Values Involved in 700 ft. Radius Subsidence Area Containing 200 ft. Radius Solid Ore Pillar Left To Protect High Pressure Gas or Oil Well

Conditions: 16 cu. ft. = 1 ton; first mining extraction = 65%; second mining extraction = 25%; mill efficiency = 90%; average depth of orebody = 700 feet.

Total subsidence area = πr^2 = 3.1416 x $(700')^2$ = 1,539,384 sq. ft.

Total tons contained ore = $\frac{1,539,384 \times 4 \text{ ft.}}{16}$ = 384,846

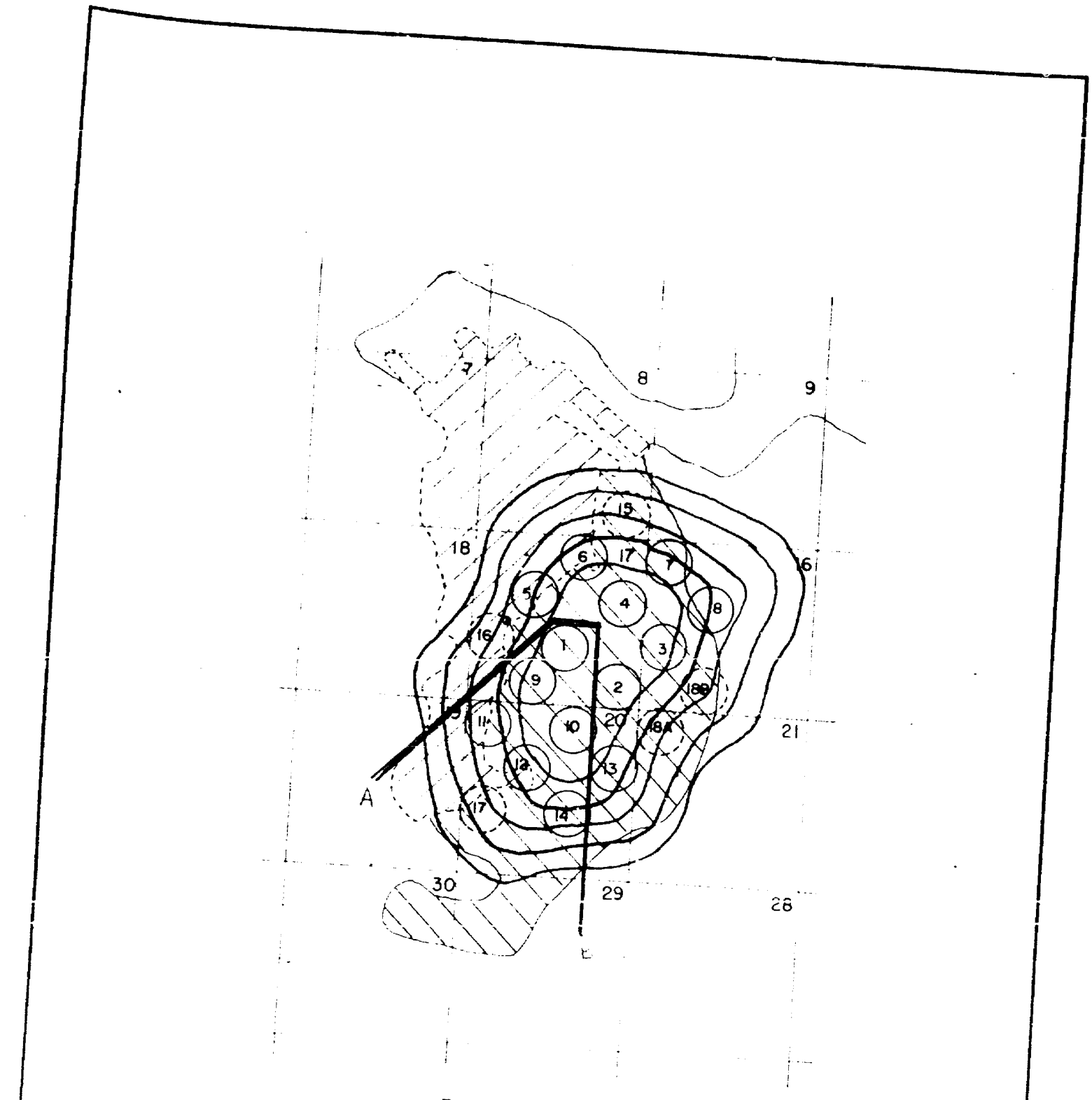
Solid Ore Pillar Area = πr^2 = 3.1416 x $(200')^2$ = 125,664 sq. ft.

Total Tons contained ore = $\frac{125,664 \times 4 \text{ ft.}}{16 \text{ cu. ft.}}$ = 31,416

	Recoverable Tons	Value/Ton	Recoverable Value
1st Mining (65% ext.)	250,150	$ 8.35	$ 2,088.753
2nd Mining (25% ext.)	96,212	"	803,370
Total Mining	346,362	$ 8.35	$ 2,892,123
Pillar Stumps (10%)	(38,484) Not Recoverable		($ 321,341)
Total Ore	384,846	$ 8.35	$ 3,213,464

Recoverable Ore Tons and Value Lost in 700-ft. Radius Subsidence Area Containing 200-ft. Radius Solid Ore Pillar to Protect Well:

	Tons	Value/ton	Total Value
Total Subsidence Area	384,846	$ 8.35	$ 3,213,464
Less Ore Pillar Area	- 31,416	"	- 262,324
Available Ore	353,430		$ 2,951,140
Lost 2nd Mining (25% ext.)	- 88,358	"	- 737,789
Lost Recoverable Ore in Pillar (90% ext. of 31,416 tons)	- 28,274	"	- 236,088
Total Recoverable Ore Lost	116,632	$ 8.35	$ 973,877



T 20 S , R 30 E

EDDY CO., N.M.

N.M., O.C.C., CASE 3029

RM 6/5

APPROVED BY		POTASH COMPANY OF AMERICA CARLSBAD, NEW MEXICO	
	SCALE 1" = 4000'	DATE MARCH '64	DRAWN BY LPC CHECKED BY DIRECTED BY JBC
			DRAWING NO

Memo

From

IDA RODRIGUEZ

To

EXTRA EXHIBITS - POTASH CO. OF AMERICA - CASE 3029

APRIL 15 & 16, 1964.

LEASE NO. [illegible] APPLICATION NO. [illegible]

OIL AND GAS LEASE
(UNDER ACT APPROVED MARCH 13, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 30th day of June, 1931, by and between the State of New Mexico acting in this behalf by J. F. Hinkle, its Commissioner of Public Lands, thereunto duly authorized, party of the first part and hereinafter called the lessor and M. A. Lewis, whose post office address is First National Bank Building, Denver, Colorado, party of the second part and hereinafter called the lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and Chapter 99 of the Session Laws of the New Mexico Legislature of 1933, and hereinafter referred to as the Acts, all of the provisions of said statutes being hereby made a part hereof.

WITNESSETH:

SECTION 1. THAT WHEREAS, the said lessee has filed in the office of the Commissioner of Public Lands an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Two hundred seventy two and no/100 dollars ($ 272.00) as the first annual rental thereon, together with the sum of $5.00 application fee, evidenced by official receipt No. 73435.

NOW, THEREFORE, in consideration of the said above tender, receipt whereof is hereby confessed and acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the lessor does hereby grant, demise, lease and let to the lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows; to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640

Description continued:

Subdivision	Sec.	Twp.	Rge.	Acres
[illegible]	20	20S	30E	40
[illegible]	20	20S	30E	40
[illegible]	20	20S	30E	40

containing 3280.00 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment hereof, including the right to drill, maintain and operate water wells on said lands and to produce and use the water therefrom.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Commissioner of Public Lands by the lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Commissioner of Public Lands in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this lease, a minor fraction of such a

section to be disregarded and a major fraction to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that conditions existent on the lands may justify, exploratory work other than by drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the lessee

(c) To pay to the Commissioner of Public Lands annually in advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payments shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Commissioner of Public Lands of the State of New Mexico a royalty of five percent of the value of the minerals produced hereunder, except sodium chloride or common salt, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; and to pay to the Commissioner of Public Lands of the State of New Mexico a royalty of ten percent of the actual sale price on all sodium chloride or common salt produced hereunder at the place of extraction; all such royalty provided for herein is expressly reserved to the lessor as provided by statute.

(e) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the lessee.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Commissioner of Public Lands or his duly authorized agent of all books and accounts of the lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the lessee shall be deemed and taken as sufficient ground for the cancellation of this lease.

(g) To furnish the Commissioner of Public Lands annually a map showing all prospecting and development work on the leased lands and other related information, together with a report showing all buildings, structures, workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Commissioner of Public Lands or his duly authorized agent and by other duly constituted state authority.

(i) To deliver up to the lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises and all such property shall become the property of the lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Commissionr of Public Lands.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits therein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Commissioner of Public Lands.

(m) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the lessor and to be stored and preserved or disposed of as the Commissioner of Public Lands may from time to time direct, and the lessee further agrees to furnish the Commissioner of Public Lands promptly copies of any and all analysis made by or for the lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Commissioner of Public Lands.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as lessee's operations shall continue under the terms hereof.

SECTION 3. The lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands hereby issued as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purposes of this lease, and the right to dispose of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or required for use of the lessee in extracting and removing the potash and other mineral deposits therein contained. And the lessor further expressly reserves the right to lease the said lands for minerals other than those described in Section 1 hereof, but the workings of said lands under such lease, for such other minerals shall not be permitted where such operations will prevent or materially interfere with the operations of the lessee hereunder.

SECTION 4. The lessee may at any time, by paying to the State of New Mexico through its Commissioner of Public Lands all amounts then due the lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars

surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the lessee shall have been paid and that a satisfactory showing is made to the Commissioner of Public Lands that all creditors or others having an interest in or lien or claim against the lessee are fairly and equitably protected, but in no case shall such termination be effective until the lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the lessor, lessee or any assignee to enforce this lease or any of its terms, express or implied.

SECTION 5. If the lessee shall fail to comply with the provisions of this lease or make default in the performance of observance of any of the terms, covenants and stipulations here, and such default shall continue for thirty days after service of written notice thereof by the Commissioner of Public Lands, then the Commissioner of Public Lands may and he is hereby expressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occurring at any other time.

SECTION 6. It is expressly understood and agreed that all of the obligations, convenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereb.

IN WITNESS WHEREOF: The party of the first part has hereunto signed and caused its name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

BY _____

Commissioner of Public Lands

Attest:

_____

Chief Clerk

STATE OF NEW MEXICO }
}
COUNTY OF SANTA FE }

On this the 30th day of June 193', personally appeared before me M. A. Lewis, to me known to be the person who executed the foregoing instrument as Lessee, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:
May 15-1933

LEASE NO. _____ APPLICATION NO. _____

POTASH MINING LEASE
(UNDER ACT APPROVED MARCH 12, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 30th day of June, 1931, by and between the State of New Mexico acting in this behalf by J. F. Hinkle, its Commissioner of Public Lands, thereunto duly authorized, party of the first part and hereinafter called the lessor and M. A. Lewis, whose post office address is First National Bank Building, Denver, Colorado, party of the second part and hereinafter called the lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and Chapter 99 of the Session Laws of the New Mexico Legislature of 1923, and hereinafter referred to as the Acts, all of the provisions of said statutes being hereby made a part hereof.

WITNESSETH:

SECTION 1. THAT WHEREAS, the said lessee has filed in the office of the Commissioner of Public Lands an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Two hundred seventy two and no/100 dollars ($ 272.00) as the first annual rental thereon, together with the sum of $5.00 application fee, evidenced by official receipt No. 73.55 .

NOW, THEREFORE, in consideration of the said above tender, receipt whereof is hereby confessed and acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the lessor does hereby grant, demise, lease and let to the lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows; to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 7
Case No. 1

Description continued:

Subdivision	Sec.	Twp.	Rge.	Acres
N½NE¼	20	20S	30E	40
NE¼SW¼	20	20S	30E	40
S½SW¼	20	20S	30E	40

containing 2720.00 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment hereof, including the right to drill, maintain and operate water wells on said lands and to produce and use the water therefrom.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Commissioner of Public Lands by the lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Commissioner of Public Lands in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this lease, a minor fraction of such a

section to [illegible] and a regular section to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that conditions existent on the lands may justify, exploratory work other than the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the lessee

(c) To pay to the Commissioner of Public Lands annually in advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payments shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Commissioner of Public Lands of the State of New Mexico a royalty of five percent of the value of the minerals produced hereunder, except sodium chloride or common salt, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; and to pay to the Commissioner of Public Lands of the State of New Mexico a royalty of ten percent of the actual sale price on all sodium chloride or common salt produced hereunder at the place of extraction; all such royalty provided for herein is expressly reserved to the lessor as provided by statute.

(e) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the lessee.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Commissioner of Public Lands or his duly authorized agent of all books and accounts of the lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the lessee shall be deemed and taken as sufficient ground for the cancellation of this lease.

(g) To furnish the Commissioner of Public Lands annually a map showing all prospecting and development work on the leased lands and other related information, together with a report showing all buildings, structures workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Commissioner of Public Lands or his duly authorized agent and by other duly constituted state authority.

(i) To deliver up to the lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors, cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises and all such property shall become the property of the lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Commissioner of Public Lands.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits herein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Commissioner of Public Lands.

(m) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the lessor and to be stored and preserved or disposed of as the Commissioner of Public Lands may from time to time direct, and the lessee further agrees to furnish the Commissioner of Public Lands promptly copies of any and all analysis made by or for the lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Commissioner of Public Lands.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as lessee's operations shall continue under the terms hereof.

SECTION 3. The lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands hereby issued as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purposes of this lease, and the right to dispose of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or required for use of the lessee in extracting and removing the potash and other mineral deposits therein contained. And the lessor further expressly reserves the right to lease the said lands for minerals other than those described in Section 1 hereof, but the workings of said lands under such lease, for such other minerals shall not be permitted where such operations will prevent or materially interfere with the operations of the lessee hereunder.

SECTION 4. The lessee may at any time, by paying to the State of New Mexico through its Commissioner of Public Lands all amounts then due the lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars

surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the lessee shall have been paid and that a satisfactory showing is made to the Commissioner of Public Lands that all creditors or others having an interest in or lien or claim against the lessee are fairly equitably protected, but in no case shall such termination be effective until the lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the lessor, lessee or any assignee to enforce this lease or any of its terms, express or implied.

SECTION 5. If the lessee shall fail to comply with the provisions of this lease or make default in the performance of observance of any of the terms, covenants and stipulations here, and such default shall continue for thirty days after service of written notice thereof by the Commissioner of Public Lands, then the Commissioner of Public Lands may and he is hereby expressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occurring at any other time.

SECTION 6. It is expressly understood and agreed that all of the obligations, convenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereb.

IN WITNESS WHEREOF: The party of the first part has hereunto signed and caused its name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

Attest:

BY J. E. Mitchell
Commissioner of Public Lands

Asst. Secretary

STATE OF NEW MEXICO }
}
COUNTY OF SANTA FE }

On this the 30th day of June 193', personally appeared before me M. A. Lewis, to me known to be the person who executed the foregoing instrument as Lessee, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Mary Coleman Bryan
Notary Public

My commission expires:
May 15-1933

ASSIGNMENT NO. ONE.

ASSIGNMENT OF POTASH MINING LEASE.

WHEREAS, M. A. LEWIS is the Lessee named in and the present holder of Potash Mining Lease No. M-274, granted to him June 30, 1931, by the Commissioner of Public Lands of the State of New Mexico, and for a valuable consideration, receipt whereof is confessed and acknowledged, has agreed to assign all his right, title and interest in said Lease to the Assignee hereinafter named,

NOW, THEREFORE, This Indenture WITNESSETH:

That the said M. A. Lewis and Dorothy F. Lewis, his wife, both of the City and County of Denver, State of Colorado, for and in consideration of good, valuable and sufficient considerations, receipt whereof is confessed and acknowledged, do hereby transfer, assign and set over unto Homer H. Harris of the City and County of Denver, State of Colorado, all of their right, title and interest in and to the aforesaid Potash Mining Lease and in and to the following described lands situate in Eddy County, New Mexico, covered by said Lease, to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	40

Dated at Denver, Colorado, this 14th day of March, 1939.

M. A. Lewis (SEAL)

Dorothy F. Lewis (SEAL)

STATE OF COLORADO)
CITY AND : SS.
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me M. A. Lewis and Dorothy F. Lewis, his wife, to me known to be the persons described in and who executed the above and foregoing instrument, and acknowledged to me that they and each of them executed the same as their free act and deed.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 15, 1942.

Louise Hatfield
Notary Public.

Office of Commissioner of Public Lands,

Santa Fe, New Mexico.

I hereby certify that the within assignment was filed in my office on the 24th day of April, 1939, and approved by me on April 24, 1939.

Fred Wooden
Commissioner of Public Lands.

ASSIGNMENT NO. ONE.

ASSIGNMENT OF POTASH MINING LEASE.

WHEREAS, M. A. LEWIS is the Lessee named in and the present holder of Potash Mining Lease No. M-274, granted to him June 30, 1931, by the Commissioner of Public Lands of the State of New Mexico, and for a valuable consideration, receipt whereof is confessed and acknowledged, has agreed to assign all his right, title and interest in said Lease to the Assignee hereinafter named,

NOW, THEREFORE, This Indenture WITNESSETH:

That the said M. A. Lewis and Dorothy F. Lewis, his wife, both of the City and County of Denver, State of Colorado, for and in consideration of good, valuable and sufficient considerations, receipt whereof is confessed and acknowledged, do hereby transfer, assign and set over unto Homer H. Harris of the City and County of Denver, State of Colorado, all of their right, title and interest in and to the aforesaid Potash Mining Lease and in and to the following described lands situate in Eddy County, New Mexico, covered by said Lease, to-wit:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	40

Dated at Denver, Colorado, this 14th day of March, 1939.

M. A. Lewis (SEAL)

Dorothy F. Lewis (SEAL)

STATE OF COLORADO)
CITY AND : SS.
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me M. A. Lewis and Dorothy F. Lewis, his wife, to me known to be the persons described in and who executed the above and foregoing instrument, and acknowledged to me that they and each of them executed the same as their free act and deed.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 15, 1942.

Louise Hatfield
Notary Public.

Office of Commissioner of Public Lands,

Santa Fe, New Mexico.

I hereby certify that the within assignment was filed in my office on the 24th day of April, 1939, and approved by me on April 24, 1939.

Fred L. Gordon
Commissioner of Public Lands.

(INDIVIDUAL FORM)

RELEASE

KNOW ALL MEN BY THESE PRESENTS:

That Homer H. Harris, a married man,
(State whether married or single)

and Georgine R. Harris, his wife,
(wife, if any)

of the City and County of Denver and State of Colorado

do hereby relinquish and release unto the State of New Mexico all their right, title and interest in and to that certain ~~oil and gas~~ potash mining lease No. M-274 issued by the State of New Mexico, and now held under assignment No. One insofar as the same affects the following described lands:

Subdivision	Sec.	Twp.	Rge.	Acres
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	640
All of	19	20S	30E	640
NW¼NW¼	20	20S	30E	40
NE¼SW¼	20	20S	30E	40
S½SW¼	20	20S	30E	40

The relinquishment of the potash mining lease herein is made for the sole purpose of consolidating said lease with three others held by Homer H. Harris, to-wit: Potash Mining Lease No. M-306, Potash Mining Lease No. M-275, and Potash Mining Lease No. M-348.

WITNESS our hands and seals this 20th day of April, 1939

Homer H. Harris (Seal)

Georgine R. Harris (Seal)

(Seal)

STATE OF Colorado
City and
COUNTY OF Denver } ss.

On this day of April, 1939, before me appeared Homer H. Harris, a married man, and Georgine R. Harris, his wife, to me personally known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Notary Public.

Application No. .....

APPLICATION

For Lease on State Lands for Potassium, Sodium, Phosphorus, Etc.

(Under Act of March 11, 1929)

To the Commissioner of Public Lands,
Santa Fe, New Mexico.

Sir: [illegible], I, [illegible], of [illegible], Colorado hereby make application for a lease for the development, exploration and production of potassium, sodium, phosphorus, and their salts and compounds, as authorized by the Act of the New Mexico Legislature above cited, upon the following described lands situate in the County of [illegible], State of New Mexico, to-wit:

SUBDIVISION	SEC.	TWP.	RGE.	ACRES
All of	29	19S	29E	640
All of	31	19S	29E	640
All of	33	19S	29E	640
All of	35	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	29	19S	30E	640
S 1/2	30	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	19	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	33	20S	28E	640
All of	32	19S	31E	640
All of	33	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

through a shaft located in Section 4, Township 20 South, Range 30 East.

See descriptions of such wells heretofore filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, [illegible]
(Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

STATE OF [illegible]

COUNTY OF [illegible]

Subscribed and sworn to before me by [illegible]

the above named applicant, this 20th day of [illegible], 1939.

.....

My commission expires ..... Notary Public.

Application No. .....

containing a total of ..... acres, more or less, and is tendered herewith as a bonus and first year's rental thereon the sum of $ ..... together with application fee of $5.00.

Applicant states and shows that the facts and conditions relating to the character and value of the said lands for production of said minerals and the development and exploration of the same thereon and in the vicinity thereof as stated in answer to the following questions:

1. Have any test well or wells been drilled on said lands or within five miles thereof for determining whether or not deposits of said minerals, or any of them, are present?

Test wells have been drilled on said lands, or within the vicinity thereof by Potash Company of America, which said company is now engaged in developing a substantial acreage of Federal and State lands through a shaft located in Section 4, Township 20 South, Range 30 East.

See descriptions of such wells now before filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, ... (Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

.....

STATE OF .....

COUNTY OF .....

Subscribed and sworn to before me by .....

the above named applicant, this ..... day of ....., 193 .

.....

My commission expires ..... Notary Public.

CERTIFICATION

I, E. S. Johnny Walker, duly elected, qualified and acting Commissioner of Public Lands in and for the State of New Mexico, do hereby certify that the attached and foregoing photostatic copy of application on Potash Lease M-873,dated April 20, 1939,is a full, true and complete copy of the original thereof as it appears on file in the State Land Office.

IN WITNESS WHEREOF, I have hereunto set my hand and the Seal of Office on this the 14th day of April, 1964.

E. S. JOHNNY WALKER,
Commissioner of Public Lands

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
PCA Exhibit No. 10
Case No. 3029

Application No. M-

APPLICATION

For Lease on State Lands for Potassium, Sodium, Phosphorus, Etc.

(Under Act of March 11, 1929)

To the Commissioner of Public Lands,
Santa Fe, New Mexico.

Sir: Whereas Potash Mining Leases Nos. M-274, M-275, M-306 and M-318, held by the applicant, have been relinquished solely for the purpose of consolidation into one lease, and desiring to secure such consolidation, I, Homer H. Harris of the City and County of Denver, Colorado hereby make application for a lease for the development, exploration and production of potassium, sodium, phosphorus, and their salts and compounds, as authorized by the Act of the New Mexico Legislature above cited, upon the following described lands situate in the County of Eddy, State of New Mexico, to-wit:

SUBDIVISION	SEC.	TWP.	RGE.	ACRES
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	3	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	36	20S	28E	640
All of	32	19S	31E	640
All of	36	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

See descriptions of such wells heretofore filed by said Potash Company of America in the office of the Commissioner of Public Lands for New Mexico.

3. What is the value of a lease upon said lands for the above mentioned minerals?
(State the actual value, or if speculative, insert the words "purely speculative")

Purely speculative.

I, Homer H. Harris,
(Specify applicant, agent, attorney in fact or officer of corporation)

the above named applicant, do solemnly swear that each and every statement made in this application is true and correct to the best of my knowledge and belief.

Homer H. Harris

STATE OF Colorado
COUNTY OF City and Denver

Subscribed and sworn to before me by Homer H. Harris the above named applicant, this 20th day of April, 1939.

Peter S. Galloway
Notary Public.

My commission expires Jan. 11, 1942

APPLICATION NO.....

APPLICATION
For Lease for Potassium, Sodium, Phosphorus, Etc.

BY

.....

.....

FROM

COMMISSIONER OF PUBLIC LANDS

OF

NEW MEXICO

SANTA FE NEW MEXICAN PUB. CORP., SANTA FE, N. M.

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

C E R T I F I C A T E

I, E. S. Johnny Walker, duly elected, qualified and acting Commissioner of Public Lands in and for the State of New Mexico, do hereby certify that the attached and foregoing photostatic copy of M-873, dated April 24, 1939, is a full, true and complete copy of the original thereof as it appears on file in the State Land Office.

IN WITNESS WHEREOF, I have hereunto set my hand and Seal of Office on this 19th day of March, 1964.

E. S. JOHNNY WALKER
Commissioner of Public Lands

PCA 3 of E

To: Files

From: D. E. Protz

Date: April 8, 1957

Subject: STATE LEASE M-873

RECEIVED
STATE LAND OFFICE
SANTA FE, N. M.
1957 APR 8 AM 8:30

Aug 3 '62

ACREAGE AS OF ~~4-25-57~~

	Acres
Twp. 19-S., Rge 29 E.:	
Sec. 23 - All	640.00
Sec. 24 - All	640.00
Sec. 25 - All	640.00
Sec. 26 - All	640.00
Sec. 36 - All	640.00
Twp. 19-S., Rge 30 E.:	
Sec. 32 - All	640.00
Sec. 36 - All	640.00
Twp. 20-S., Rge 29 E.:	
Sec. 2 - All	643.76
Twp. 20-S., Rge 30 E.:	
Sec. 2 - N1/2, W1/2 SW1/4, E1/2 SE1/4	480.72
Sec. 16 - All	640.00
Sec. 17 - All	640.00
Sec. 18 - All	636.88
Sec. 19 - All	637.84
Sec. 20 - NW1/4 NW1/4, NE1/4 SW1/4, S1/2 SW1/4	160.00
Twp. 22-S., Rge 29 E.:	
~~Sec. 16 - All~~	~~640.00~~
EDDY COUNTY TOTAL	~~8,319.20~~

Rel. March 7 1960 To Imco

Anniversary Date & Rental Date April 1st.

RECEIVED
1962 AUG
STATE LAND OFFICE
SANTA FE, N.M.

ACREAGE AS OF 4-25-57

		Acres
Twp. 19-S., Rge 33 E.:		
Rel. March 29 1960	~~Sec. 33 - S1/2 NW1/4~~	~~80.00~~
	Sec. 36 - N1/2, NE1/4 SE1/4	360.00
~~Twp. 19-S., Rge 34 E.:~~		
Rel. March 29 1960	~~Sec. 32 - All~~	~~640.00~~
Twp. 20-S., Rge 34 E.:		
Rel March 29 1960	~~Sec. 2 - All~~	~~643.20~~
	Sec. 16 - All	640.00
	Sec. 32 - N1/2, SE1/4, NE1/4 SW1/4	520.00
Twp. 21-S., Rge 33 E.:		
	Sec. 1 - All except S1/2	640.12
	Sec. 2 - All except S1/2	640.56
	Sec. 3 - All except S1/2	638.52
	Sec. 4 - All except S1/2	636.56
	Sec. 5 - Lots 3,4,5,6,11,12,13 & 14	318.08
	Sec. 6 - Lots 9,10,11,12,13,14,15 & 16	305.92
	Sec. 7 - All	622.84
	Sec. 8 - W1/2	320.00
	Sec. 9 - All	640.00
	Sec. 10 - All	640.00
	Sec. 11 - All	640.00
	Sec. 12 - All	640.00
	Sec. 13 - All	640.00
	Sec. 14 - All	640.00
	Sec. 15 - All	640.00
	Sec. 16 - All	640.00
	Sec. 17 - W1/2	320.00
	Sec. 18 - S1/2	311.87
	Sec. 19 - All	624.24
	Sec. 20 - All	640.00
	Sec. 21 - All	640.00
	Sec. 22 - All	640.00
	Sec. 23 - All	640.00
	Sec. 24 - All	640.00
	Sec. 25 - NE1/4, E1/2 NW1/4, SW1/4 NW1/4, SW1/4, W1/2 SE1/4, and SE1/4 SE1/4	560.00
	Sec. 26 - All	640.00
	Sec. 27 - All	640.00

RECEIVED
STATE LAND OFFICE
1957 APR

ACREAGE AS OF 4-25-57

		Acres
Twp. 21-S., Rge 33 E.:		
Sec. 28 -	S1/2, NE1/4, W1/2 NW1/4, SE1/4 NW1/4 ✓	600.00
Sec. 29 -	All ✓	640.00
Sec. 30 -	All ✓	624.56
Sec. 31 -	All ✓	625.08
Sec. 32 -	All ✓	640.00
Sec. 35 -	All ✓	640.00
Sec. 36 -	All ✓	640.00
Twp. 21-S., Rge 34 E.:		
Sec. 5 -	All ✓	956.76
Sec. 6 -	All ✓	947.10
Sec. 7 -	All ✓	633.36
Sec. 8 -	All except NE1/4 SE1/4 ✓	600.00
Sec. 17 -	All ✓	640.00
Sec. 18 -	All ✓	633.88
Sec. 19 -	All ✓	634.44
Sec. 20 -	All ✓	640.00
Sec. 29 -	All ✓	640.00
Sec. 30 -	All ✓	635.16
Sec. 31 -	All ✓	636.00
Sec. 32 -	All ✓	640.00
Twp. 22-S., Rge 33 E.:		
Sec. 5 -	N1/2 ✓	320.20
Sec. 6 -	N1/2 ✓	312.83
LEA COUNTY TOTAL	30,338.08	~~31,701.28~~
EDDY COUNTY TOTAL	8,319.20	~~8,959.20~~
TOTAL	38,657.28	~~40,660.48~~

✓M.I.

Lease No. M-873 Application No. M-873

POTASH MINING LEASE

(Under Act Approved March 12, 1929)

THIS INDENTURE OF LEASE entered into in duplicate this 24th day of April, 1939, by and between the State of New Mexico acting in this behalf by FRANK WORDEN, its Commissioner of Public Lands, party of the first part and hereinafter called the Lessor, and HOMER H. HARRIS of the City and County of Denver, State of Colorado, party of the second part and herefnafter called the Lessee, under, pursuant and subject to the terms and provisions of Chapter 140 of the Session Laws of the New Mexico Legislature of 1929, and hereinafter referred to as the Act, all of the provisions of said statute being hereby made a part hereof.

W I T N E S S E T H:

SECTION 1. THAT WHEREAS, the said Lessee has filed in the State Land Office an application for a lease for the exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds upon the lands hereinafter described and has tendered the sum of Nine Hundred Sixty-four & No/100 ($964.00)----------Dollars as the first annual rental thereon, together with the sum of $5.00 application fee, evidenced by official receipt No. _____.

NOW, THEREFORE, in consideration of the said above tender, receipt whereof is hereby confessed and

acknowledged, and of the rents and royalties to be paid and the covenants to be observed as herein set forth, the Lessor does hereby grant, demise, lease and let to the Lessee exclusively for the sole and only purpose of exploration, development and production of potassium, sodium, phosphorus and other minerals of similar occurrence and their salts and compounds in, upon and under the following described land situated in the County of Eddy, State of New Mexico, and more particularly described as follows, to-wit:

Subdivision.	Sec.	Twp.	Rge.	Acres.
All of	23	19S	29E	640
All of	24	19S	29E	640
All of	25	19S	29E	640
All of	26	19S	29E	640
N 1/2	36	19S	29E	320
NW 1/4 NW 1/4	25	19S	30E	40
All of	32	19S	30E	640
S 1/2	36	19S	29E	320
All of	2	20S	29E	643.76
All of	16	20S	30E	640
All of	17	20S	30E	640
All of	18	20S	30E	636.88
All of	19	20S	30E	637.84
NW 1/4 NW 1/4	20	20S	30E	40
NE 1/4 SW 1/4	20	20S	30E	40
S 1/2 SW 1/4	20	20S	30E	80
All of	36	20S	28E	640
All of	32	19S	31E	640
All of	36	19S	30E	640
N 1/2, W 1/2 SW 1/4, E 1/2 SE 1/4	2	20S	30E	480.72

containing 9,639.20 acres, more or less, together with the right to construct and maintain thereon all works, buildings, plants, waterways or reservoirs necessary to the full enjoyment thereof, including the right to drill,

maintain and operate water wells on said lands and to produce and use the water therefrom; provided, that this lease shall extend only to and include any right or interest in the lands or the minerals therein reserved to the State of New Mexico under contract of purchase or deed heretofore or hereafter issued with a reservation of the minerals therein to said State.

TO HAVE AND TO HOLD the said lands and all rights and privileges granted hereunder for a term of ten years and as long thereafter as the said minerals or any of them in paying quantities shall be produced from the leased lands.

SECTION 2. In consideration of the premises, the Lessee hereby agrees as follows, to-wit:

(a) Within twelve (12) months from date hereof, unless extension be granted, to begin actual drilling upon some portion of the leased lands with machinery and equipment suitable for taking and preserving a core of salt formation, and to continue such drilling with reasonable diligence until a depth of 1800 feet shall be reached or the formations containing the minerals hereinabove mentioned shall have been completely penetrated and satisfactory evidence thereof furnished the Lessor by the Lessee. Provided, however, that where deposits of said minerals are so situated that prospecting work may be effectually carried on by shafts, tunnels, open cuts or in any manner otherwise than by drilling test wells, such prospecting work may be accepted by the Lessor in lieu of the drilling of a well or wells as herein provided.

(b) Upon the completion of the first well, as hereinabove provided for, to drill at least one such test well to completion on the said premises during each and every year thereafter during the ten year primary term of this lease or until the number of wells completed shall equal the number of sections of land of 640 acres each contained in this

lease, a minor fraction of such a section to be disregarded and a major fraction to be treated and regarded as a full section for the purpose of this paragraph. Provided, however, that where conditions existent on the lands may justify, exploratory work other than by the drilling of wells may be accepted in lieu of such drilling upon proper showing thereof made by the Lessee.

(c) To pay to the Lessor annually in-advance on the successive anniversary dates of this lease the sum of ten cents (10¢) per acre for each and every acre of land as to which the lease may be in force when such payment shall become due, such rental payments to continue so long as this lease shall remain in force. Provided, however, that the annual rental on this lease shall not in any case be less than one hundred ($100.00) dollars to be paid in cash.

(d) To pay to the Lessor a royalty of five per cent of the value of the minerals produced hereunder, such royalty to be computed upon the value of said minerals delivered at the nearest or most accessible railroad shipping point; all such royalty provided for herein expressly reserved to the Lessor as provided by statute.

(e) Rentals and royalties due the State shall constitute a first lien on any and all improvements on the land leased, prior and superior to any other lien or encumbrance whatsoever whether created with or without notice of the lien for rental or royalties due or to become due.

(f) To furnish monthly certified statements in detail in such form as may be prescribed by the Lessor, of the amount and value of output from the leasehold delivered at the nearest or most accessible railroad shipping point, as a basis for determining the amount of royalties, and to permit at all reasonable times the inspection by the Lessor or his duly authorized agent of all books and accounts of the Lessee relating thereto, it being a condition of this grant that falsification of any such statements, records, books or accounts by the Lessee shall be deemed and taken as sufficient ground for cancellation of this lease.

(g) To furnish the Lessor annually a map showing all prospecting and development work

on the leased lands and other related information, together with a report showing all buildings, structures and workings placed thereon, and a complete statement of the amount of potassium and other minerals produced and saved by Lessee's operations hereunder.

(h) If said minerals or any of them in commercially paying quantities shall be discovered on the lands embraced herein, to develop and produce in commercial quantities with reasonable diligence the potassium and other mineral deposits susceptible of such production; to carry on all mining, reducing, refining and other operations in a good and workmanlike manner in accordance with approved methods and practice, having due regard to the health and safety of employees, the prevention of waste and the preservation and conservation of the property for further productive operations, and to observe all state laws relative to the health and safety of such employees, all mining and related productive operations to be subject to inspection by the Lessor or his duly authorized agent and by other duly constituted state authority.

(i) To deliver to the Lessor upon the termination of this lease as a result of forfeiture or otherwise, the lands covered hereby including all fixtures and improvements other than structures, buildings, derricks, machinery, equipment, tools and personal property located and used above ground and other than pumps, engines, air compressors, dynamos, motors,cars and other similar appliances used underground situated on any of said lands, in good order and condition so as to permit of immediate continued operation to the full extent and capacity of the leased premises. Provided, that upon such termination of the lease the Lessee shall have ninety days from such termination to remove such machinery, tools, equipment and personal property from the leased premises if free from a state lien; and all such property shall become the property of the Lessor if not so removed within said period of ninety days or within such extension of time as may be granted by the Lessor.

(j) To pay when due all taxes lawfully assessed and levied under the laws of the State of New Mexico upon the improvements, output of mines and other rights, property and assets of the Lessee.

(k) To comply with all statutory requirements where the surface of the lands embraced herein has been or may be leased, sold or otherwise disposed of under State laws reserving to the State of New Mexico the mineral deposits therein contained.

(l) Not to assign or sublet the premises covered hereby without the written consent and approval of the Lessor.

(m) To take and preserve a core of all formations penetrated by any test well containing any of the minerals mentioned in Section 1 hereof, one-quarter of such core to be the property of the Lessor and the Lessee further agrees to furnish the Lessor promptly copies of any and all analysis made by or for the Lessee of cores taken from test wells drilled on the leased premises, and copies of analysis of samples of minerals mined therefrom upon demand of the Lessor.

(n) Before commencing operations hereunder to furnish the Commissioner of Public Lands a good and sufficient bond in the penal sum of not to exceed ten thousand ($10,000.00) dollars conditioned upon the faithful performance by the Lessee of all and singular, the terms and conditions of this lease, and keep such bond in force and effect so long as Lessee's operations shall continue under the terms hereof.

SECTION 3. The Lessor hereby expressly reserves:

(a) The right to permit for joint or several such easements and rights of way upon, through or in the lands hereby issued as may be necessary or appropriate to the use or disposal of the lands for purposes other than the purpose of this lease, and the right to dispose of the surface of the said lands under the laws of the State of New Mexico now existing or hereafter enacted, insofar as said surface is not necessary or required for use of the Lessee in extracting and removing the potash and other mineral deposits therein contained. And the Lessor further expressly reserves the right to lease the said lands for minerals other than those described in Section 1 hereof, but the working of said lands under such lease, for such other minerals shall not be permitted where such operations will prevent or materially interefere with the operations of the Lessee hereunder.

SECTION 4. The Lessee may at any time, by paying to the Lessor all amounts then due the Lessor as provided herein and the further sum of ten and no/100 ($10.00) dollars surrender and cancel this lease insofar as the same covers all or any portion of the land herein leased, and be relieved from further obligations or liabilities hereunder as to the lands surrendered. Provided, that all wages or monies due and payable to the workmen employed by the Lessee shall have been paid and that a satisfactory showing is made to the Lessor that all creditors or others having an interest in or lien or claim against the Lessee are fairly and equitably protected, but in no case shall such termination be effective until the Lessee shall have made adequate provision for the preservation of any mines, productive works and permanent improvements on the lands covered hereby; and provided further that this surrender clause and the option herein reserved to the Lessee shall cease and become absolutely inoperative immediately and concurrently with the institution of any suit in any court of law or equity by the Lessor, Lessee or any assignee to enforce this lease or any of its terms, expressed or implied.

SECTION 5. If the Lessee shall fail to comply with the provisions of this lease or make default in the performance or observance of any of the terms, covenants and stipulations herein, and such default shall continue for thirty days after service of written notice thereof by the Lessor, then the Lessor may and he is hereby ex-

pressly authorized to declare a forfeiture and cancellation of this lease. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture or for the same cause occuring at any time in the future.

SECTION 6. It is expressly understood and agreed that all of the obligations, covenants, agreements, rights and privileges of this lease shall extend to and be binding upon and inure to the benefit of the lawful assigns or successors in interest of the parties hereto.

IN WITNESS WHEREOF, The party of the first part has hereunto signed and causedits name to be signed by its Commissioner of Public Lands, thereunto duly authorized, with the seal of his office affixed, and the Lessee has signed this instrument the day and year first above written.

STATE OF NEW MEXICO

By Frank Worden
Commissioner of Public Lands.

James H. Hamilton

STATE OF NEW MEXICO)
: SS.
COUNTY OF _____)

Upon this ____ day of _____, 1939, personally appeared before me FRANK WORDEN, to me known to be the person described therein and who executed the above

and foregoing instrument, and acknowledged that he executed the same as Commissioner of Public Lands of the State of New Mexico as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires _____.

_____
Notary Public.

STATE OF COLORADO)
CITY AND :
COUNTY OF DENVER)

Upon this 15th day of March, 1939, personally appeared before me HOMER H. HARRIS, to me known to be the person described therein and who executed the above and foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires January 15, 1942.



Louise Hatfield
Notary Public.