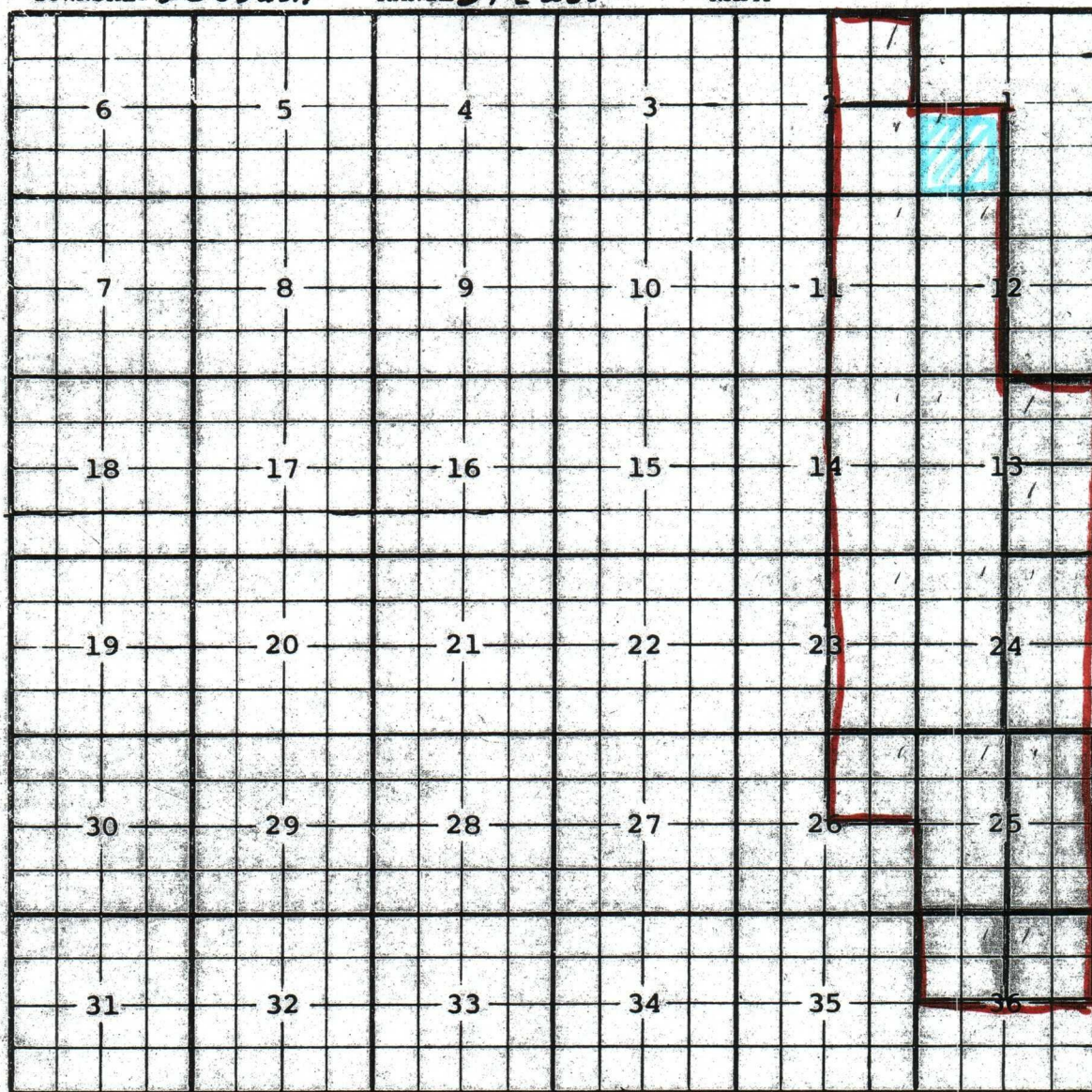


COUNTY Lea

POOL

Justis Gas(Glorieta)TOWNSHIP 25 SouthRANGE 37 East

NMPM



Description: $\frac{SW}{4}$ Sec. 1; $\frac{SE}{4}$ Sec. 2; $\frac{E}{2}$ Sec. 11; $\frac{W}{2}$ Sec. 12; $\frac{W}{2}$ Sec. 13;
 $\frac{E}{2}$ Sec. 14; $\frac{E}{2}$ Sec. 23; $\frac{W}{2}$ Sec. 24 (R-264, 11-10-53)

Ext: $\frac{E}{2}$ Sec. 24 (R-544, 11-17-54) - Vertical limits - extending from the
top of the Glorieta formation to a point 200 feet below the
Glorieta datum. (R-586, 4-11-55) - $\frac{E}{2}$ Sec. 25 (R-902, 10-26-56)

- $\frac{W}{2}$ Sec. 25; $\frac{NE}{4}$ Sec. 26; $\frac{NE}{4}$ Sec. 36 (R-1017, 6-28-57) - $\frac{NW}{4}$ Sec. 36 (R-1105, 12-30-57)
- $\frac{NE}{4}$ Sec. 13 (R-1221, 8-1-58) - $\frac{SE}{4}$ Sec. 13 (R-1372, 5-1-59) - $\frac{NE}{4}$ Sec. 2 (R-2998, 12-1-65)

COUNTY *Lea*

POOL

*Justis Gas**(Glorieta)*TOWNSHIP *24 South*RANGE *37 East*

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext: $\frac{E}{2}$ Sec. 35 (R-2998, 12-1-65) - $\frac{E}{2}$ $\frac{NW}{4}$ Sec. 35 (R-3030, 2-1-65)
- $\frac{SE}{4}$ Sec. 26 (R-3895, 1-1-70)

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-107
Effective 1-1-55

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement No.
8. Farm or Lease Name Hodges B
9. Well No. 1
10. Field and Pool or Willing Langlie-Mattix-7 Rvs. Co. Justis-Glorieta Gas
12. County Lea

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
2. Name of Operator Cities Service Oil Company
3. Address of Operator Box 1919 - Midland, Texas 79701
4. Location of Well UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 1 TOWNSHIP 25S RANGE 37E NMPM.
15. Elevation (Show whether DF, RT, GF, etc.) 3099'

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>

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

OTD 4823' Lime OPBTD 4808'. Plugged and abandoned. This well was plugged and abandoned in the following manner:

1. MIRU pulling unit, pulled tubing, bull plugged a Baker Model D seal assembly and dropped in the hole to seat in a Model D packer set @ 4690'.
2. Displaced a 10 sack cement plug on top of the seal assembly @ 4690' - 4640'.
3. Loaded hole with mud laden fluid and set a CIBP @ 3050' above the Seven Rivers-Queen Perfs @ 3106' - 3265'.
4. Displaced a 10 sack cement plug on top of the CIBP @ 3050' - 3000'.
5. Shot casing off @ 2578' and pulled 82 Jts. of 7" OD 23# casing.
6. Displaced a 35 sack cement plug @ 2603' - 2503' (1/2 in and 1/2 out of 7" casing stub).
7. Spotted a 30 sack cement surface plug @ 50' - 0' a set a 4" dry hole marker extending 4' above the surface to designate a plugged and abandoned location.
8. This location will be cleared of all equipment and debris and your office will be notified for final surface inspection.

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

ORIGINAL SIGNED
BY E. Y. WILDER

SIGNED _____

TITLE Region Operation Manager

March 14, 1975

APPROVED BY *John W. Remy*

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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TRIBUTION		
FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Hodges B	
9. Well No. 1	
10. Field and Pool, or Wildcat Justis-Glorieta Gas, Langlie-Mattix-Queen	
12. County Lea	
15. Elevation (Show whether DF, RT, GR, etc.) 3124' GR	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> OTHER <input type="checkbox"/>

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.

T.D. 4823' Lime PBDT 4808'. We propose to plug and abandon this well as follows:

1. MIRU pulling unit, load hole with mud laden fluid and pull the tubing.
2. Set a plug in the Model D packer @ 4690' and dump a 10 sack cement plug on top of the packer @ approx. 4690' - 4640'.
3. Set a CIBP above the Langlie-Mattix perfs (3106' - 3265') @ 3050' and dump a 10 sack cement plug on top of the CIBP @ approx. 3050' - 3000'.
4. Run free point on the 7" casing, shoot off and recover as much 7" as possible.
5. If the 7" casing shot point is below the 9-5/8" csg. shoe, spot a 15 sack cement plug 1/2 in and 1/2 out of the 7" csg. stub.
6. Spot a 20 sack cement plug 1/2 in and 1/2 out of the 9-5/8" csg shoe @ approx. 2650' - 2600'.
7. Set a 20 sack cement surface plug @ approx. 50' - 0' and install a 4" dry hole marker.
8. Clear location of all equipment and debris.

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

SIGNED E. J. Cullen TITLE Region Operation Manager DATE November 20, 1974
 SIGNED Les Clements TITLE Oil & Gas Insp. DATE NOV 25 1974

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:
 * All plugs to be set in place

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-1
 Series 014
 1-1-63 and C-163
 Rev. 1-1-63

1a. Indicate Type of Lease
 Lease ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 SEE APPLICATION FOR PERMIT - FORM C-151 FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Cities Service Oil Company	8. Farm or Lease Name Hodges B
3. Address Box 4906 - Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT 21TEN <u>X</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>1</u> TOWNSHIP <u>23S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Justis Glorieta Gas
11. Elevation (Show whether DF, RT, GR, etc.) 3124' GR	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>Shut in</u> <input checked="" type="checkbox"/>	

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.

This well was disconnected from the El Paso Natural Gas Company's gathering system on May 10, 1973. This well is now shut in and at the present time we do not consider any remedial work to restore production.

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

SIGNED E. Smith TITLE Region Operation Manager DATE May 17, 1973

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

El Paso Natural Gas Company

El Paso, Texas 79967

May 11, 1973

ADDRESS REPLY TO:
POST OFFICE BOX 1384
EL PASO, NEW MEXICO 88252

Oil Conservation Commission
State of New Mexico
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

This is to advise that on May 10, 1973 the Cities Service Oil Company's Hodges B-1 tbg., Justis Glorietta gas well located in Unit M, Section #1, Township #25, Range #37 Lea County, New Mexico was disconnected from the El Paso Natural Gas Company's gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Travis R. Elliott
Travis R. Elliott
Gas Production Status Analyst

TRE:bl

cc: Mr. Elvis Utz, O.C.C., Santa Fe, New Mexico
Proration Department
H. O. Whitt
Gas Purchases
Sam Smith
H.P. Logan
T. J. Crutchfield
Measurement Department
Operator
R. H. Barnett
Earl Smith
Chub Fuller
R.T. Speer
M. E. McEuen
B. D. Ballard
File

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

LAND OFFICE D. E. G.

APR 27 10 57 AM '66

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

<p align="center">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.)</p>		<p>5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name	
2. Name of Operator Cities Service Oil Company	8. Farm or Lease Name Hodges B	
3. Address of Operator Box 69, Hobbs, New Mexico	9. Well No. 1	
4. Location of Well JNT LETTER M 660 FEET FROM THE West LINE AND 660 FEET FROM South LINE, SECTION 1 TOWNSHIP 25S RANGE 37E NMPM.	10. Field and Pool, or Wildcat Justis & Langlie-Mattix	
15. Elevation (Show whether DF, RT, GR, etc.) 3124' GR	12. County Lea	

<p align="center">16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER Repair communications <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>	

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.

A packer leakage test was taken on the above captioned well and it indicated communication between the Langlie Mattix Pool and the Justis Pool.
It is proposed to unseat packer and repair leak.

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

SIGNED *E. R. Robinson* TITLE **District Clerk** DATE **4-26-66**

APPROVED BY *Joe L. Hargis* TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
Re-test at the same time

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	GAS
PRODUCTION 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 Hodges B		Well No. 1	
Unit Letter M	Section 1	Township 25-S	Range 37-E	County Lea			
Pool Justis				Kind of Lease (State, Fed Fee) Patented			
If well produces oil or condensate give location of tanks			Unit Letter	Section	Township	Range	
Authorized transporter of oil <input type="checkbox"/> or condensate <input type="checkbox"/>				Address (give address to which approved copy of this form is to be sent)			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/>			Date Connected	Address (give address to which approved copy of this form is to be sent)			
El Paso Natural Gas Company				Box 1492 - El Paso, Texas			

If gas is not being sold, give reasons and also explain its present disposition:

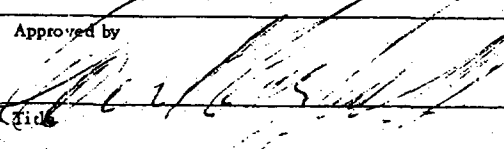

REASON(S) FOR FILING (please check proper box)

- | | |
|--|--|
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/> | |

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	
Date		Company	
		Address	

NUMBER OF COPIES RECEIVED DISTRIBUTION		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)
SANTA FE FILE M.E.C. LAND OFFICE TRANSPORTER PRODUCTION OFFICE OPERATOR		FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE		
Company or Operator Cities Service Petroleum Company		Lease Hodge 8		Well No. 1
Unit Letter M	Section 1	Township 25-S	Range 37-E	County Lea
Pool Langille-Mattix			Kind of Lease (State, Fed, Fee) Patented	
If well produces oil or condensate give location of tanks		Unit Letter -	Section -	Township -
Authorized transporter of oil <input type="checkbox"/> or condensate <input type="checkbox"/>		Address (give address to which approved copy of this form is to be sent)		
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/>		Date Connected -	Address (give address to which approved copy of this form is to be sent)	
El Paso Nat'l Gas Company		Box 1492 El Paso, Texas		
If gas is not being sold, give reasons and also explain its present disposition:				
<div style="text-align: center;"> REASON(S) FOR FILING (please check proper box) </div> <div style="display: flex; justify-content: space-between;"> <div> New Well <input type="checkbox"/> Change in Transporter (check one) Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casing head gas . <input type="checkbox"/> Condensate.. <input type="checkbox"/> </div> <div> Change in Ownership <input checked="" type="checkbox"/> also, Other (explain below) Transferred from operator from Cities Service Oil Company to Cities Service Petroleum Company. </div> </div>				
Remarks				
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.				
Executed this the <u>22</u> day of <u>November</u> , 19 <u>60</u> .				
OIL CONSERVATION COMMISSION			By	
Approved by			Title	
Title			Company	
Date			Address	
			Cities Service Petroleum Company Hobbs, New Mexico	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

(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 Cities Service Oil Company Lease Hodges "B"

Well No. 1 Unit Letter M S 1 T 25S R 37E Pool Langlie-Mattix

County Lea Kind of Lease (State, Fed. or Patented) Patented

If well produces oil or condensate, give location of tanks: Unit - S - T - R -

Authorized Transporter of Oil or Condensate None

Address -

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address El Paso, Texas

(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 (X)

Remarks: (Give explanation below)

This well was dually completed as a dual gas-gas well. The lower zone, Justis Gas Pool, flows through tubing (Glorietta) and the upper zone, Langlie-Mattix, flows through casing (Queen).

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 5th day of February 19 57

By [Signature]

Approved 19

Title District Superintendent

OIL CONSERVATION COMMISSION

Company Cities Service Oil Company

By [Signature]

Address Box 97, Hobbs, New Mexico

Title

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoREQUEST FOR ~~(GHE)~~ - (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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico
(Place)2-5-57
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Cities Service Oil Company, Hodges "B", Well No. 1, in SW 1/4 SW 1/4,
(Company or Operator) (Lease)
M, Sec. 1, T. 25S, R. 37E, NMPM, Langlie Mattix Pool
(Unit) Date Recompletion Started 1-7-57 Date completed 1-22-57
Lea County. Date Spudded 9-5-46 Date Completed 10-7-46

Please indicate location:

Elevation 3124' Total Depth 4823' P.B. -

Top oil/gas pay 3106' Name of Prod. Form Queen

3106-3136; 3142-3180; 3215-3240; 3245-3265'

Casing Perforations: W/2 jet shots per ft. or

Depth to Casing shoe of Prod. String -

Natural Prod. Test - BOPD

based on - bbls. Oil in - Hrs. - Mins.

Test after acid or shot - BOPD

Based on - bbls. Oil in - Hrs. - Mins.

Flowed 2243 MCF/day

Gas Well Potential FCP 240#

Size choke in inches 26/64

Date first oil run to tanks or gas to Transmission system No connection to date.

Transporter taking Oil or Gas: El Paso Natural Gas Co.

Casing and Cementing Record

Size Feet Sax

Size	Feet	Sax
13 3/8"	322	250
9 5/8"	2624.9	1350
7"	4755	350

Remarks: This well has been dually completed. The lower zone in the Justis Gas Pool flows through tubing (Glorietta); the upper zone in the Langlie Mattix flows through casing (Queen).

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

Approved _____, 19____ Cities Service Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: *[Signature]*

Title _____

By: *[Signature]*
(Signature)

Title District Superintendent

Send Communications regarding well to:

Name Geo. M. Geyer

Address Box 97, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

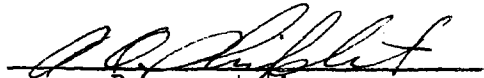
NOTICE OF GAS CONNECTION

DATE May 2, 1957

This is to notify the Oil Conservation Commission that connection for the
purchase of gas from the Cities Service Oil Company, Hodges B,
Operator Lease
1 M, 1-25-37, Langlie Mattix, El Paso Natural Gas Company
Well Unit S.T.R. Pool Name of Purchaser

was made on May 2, 1957
Date

EL PASO NATURAL GAS COMPANY
Purchaser


Representative
A. O. Shiplet

Chief Field Dispatcher
Title

cc: To operator
Oil Conservation Commission - Santa Fe

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Production Plat

DATE OCC Date 2-5-57

Operator Cities Service Oil Company

1957 FEB 7

Hodges "B"

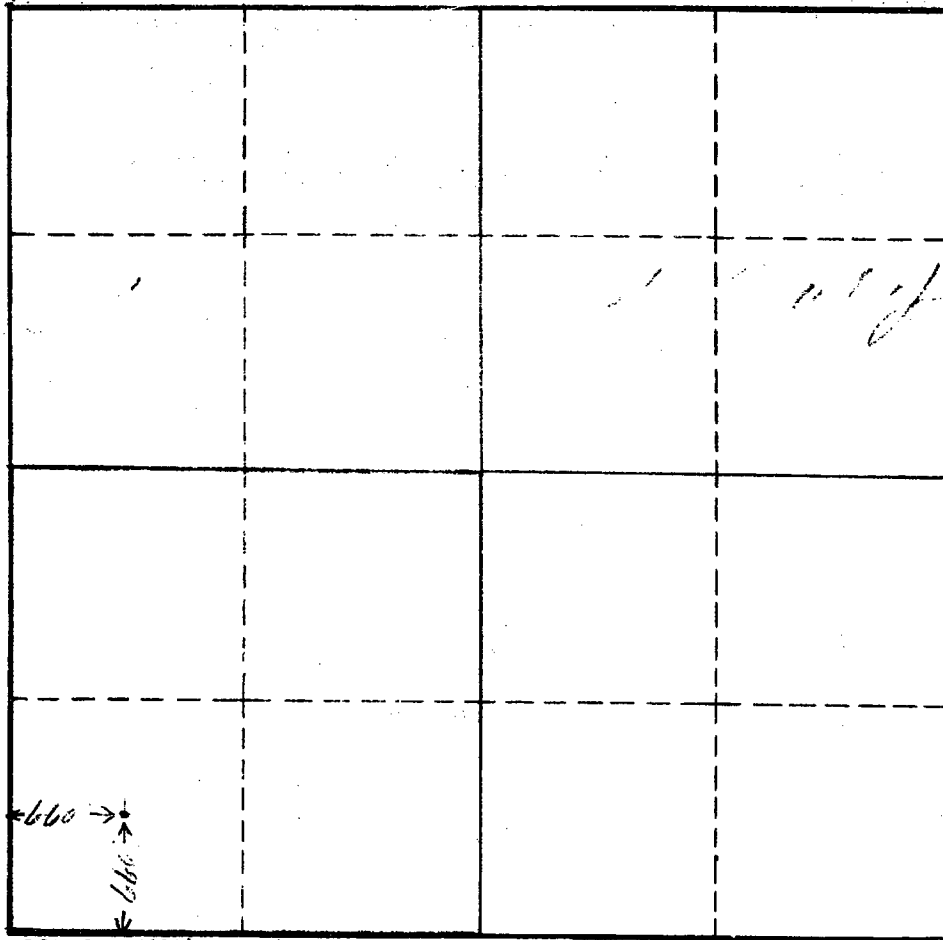
Well No. 1 Section 1 Township 25-S Range 37-E NMPM

Located 660 Feet From W Line, 660 Feet From S Line,

Lea County, New Mexico. G. L. Elevation 3124'

Name of Producing Formation Queen Pool Langlie-Mattix Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes X No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No X

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name [Signature]
Position District Superintendent
Representing Cities Service Oil Company
Address Box 97, Hobbs, New Mexico

Date Surveyed
Registered Professional Engineer and/or
Land Surveyor

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Cities Service Oil Co. Box 97, Hobbs, New Mexico
(Address)

LEASE Hodges B WELL NO. 1 UNIT M S 1 T 25S R 37E
DATE WORK PERFORMED 1-7-57 to 1-22-57 POOL Langlie-Mattix

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Dually complete

Detailed account of work done, nature and quantity of materials used and results obtained.
Hodges "B" No. 1 was originally completed as a gas well in the Justis Pool at a total depth of 4823'. A workover rig was moved in and the well was dually completed as a gas-gas well. The 7" casing was perforated from 3106'-3136'; 3142'-3180'; 3215'-3240'; 3245'-3265' with 2 jet shots per foot into the Queen formation. The Queen was fractured with 23,500 gallons of lease crude and 14,500 pounds of sand in two stages. Baker Model "D" Production Packer was set at 4690' to segregate the two zones. Tubing was run and the well swabbed in with the Glorietta producing through the tubing and the Queen through casing. Packer leakage test was satisfactory.

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: (Test of Queen)	BEFORE	AFTER
Date of Test	_____	<u>1-21-57</u>
Oil Production, bbls. per day	_____	<u>-0-</u>
Gas Production, Mcf per day	_____	<u>2243</u>
Water Production, bbls. per day	_____	<u>-0-</u>
Gas-Oil Ratio, cu. ft. per bbl.	_____	<u>-0-</u>
Gas Well Potential, Mcf per day	_____	<u>2243</u>
Witnessed by <u>Stanley E. Woodruff</u>	_____	

Cities Service Oil Co.
(Company)

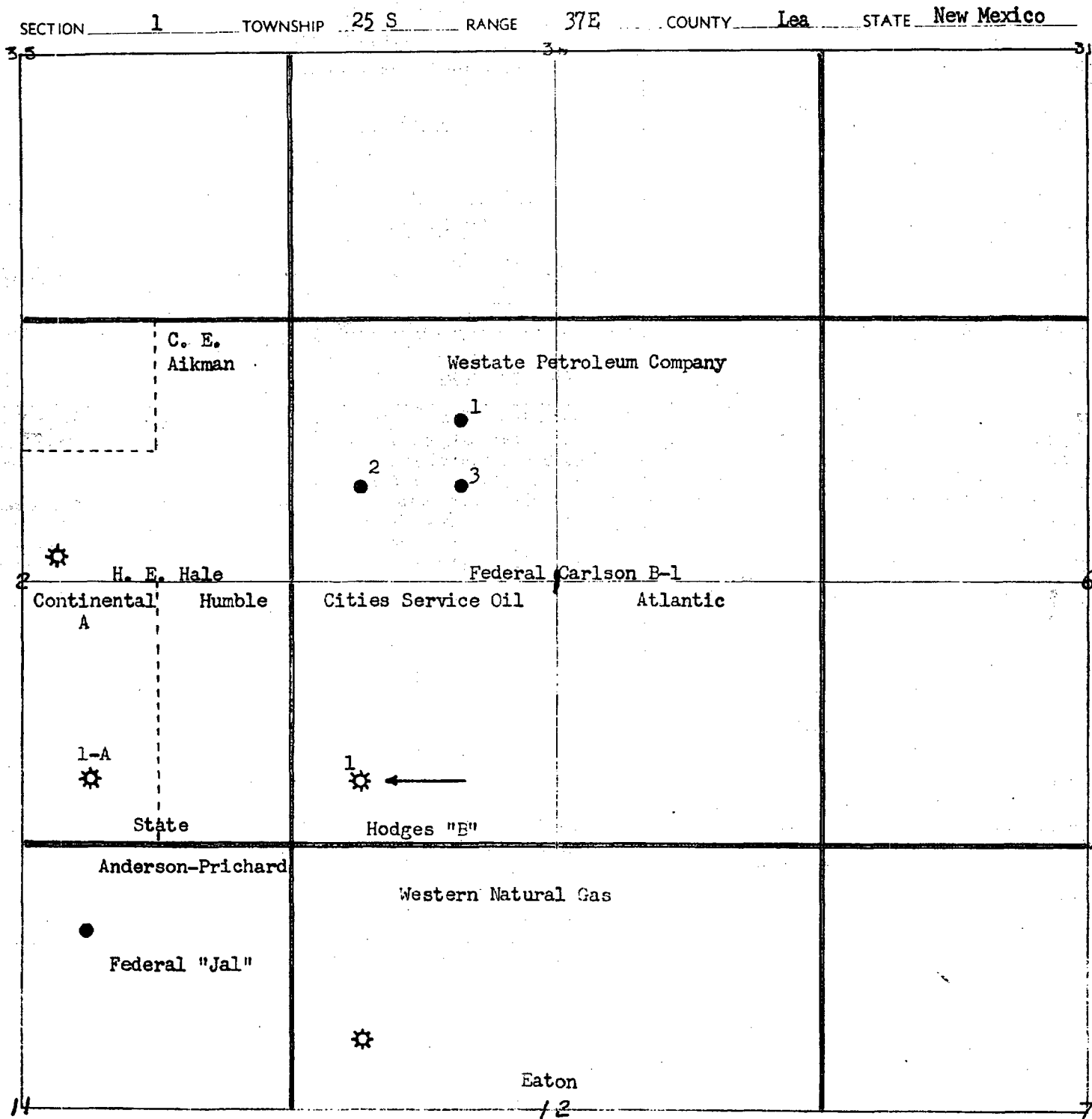
OIL CONSERVATION COMMISSION

Name E. J. Fisher
Title _____
Date _____

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

Name J. M. Meyer
Position District Superintendent
Company Cities Service Oil Company

(SCALE 8 IN. = 1 MI.) ONE-SECTION PLAT



Plat showing location of Cities Service Oil Company's Hodges "B" No. 1 and offset wells and operators

DIAGRAM A SKETCH OF DUAL GAS-GAS COMPLETION

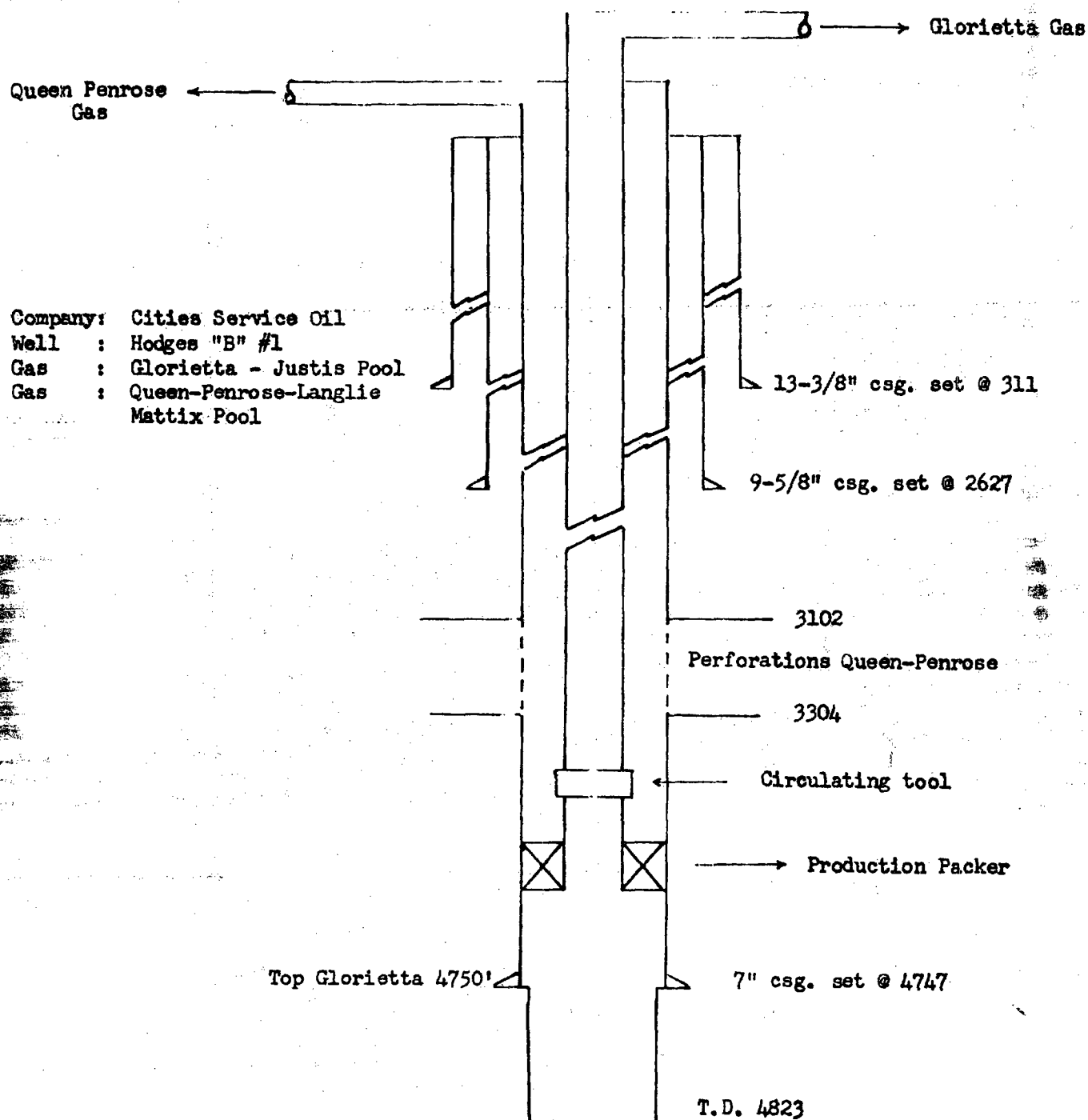


EXHIBIT "B"

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE Dec. 17, 1956

MR. W. B. MACEY
OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

RE: PROPOSED ORDER NO. DC 385

Dear Mr. Macey:

I have examined the application for dual completion dated 12/10/56
for Cities Service Oil Co. Hodges "B" #1 1-25-37
Operator Lease Name Well No. Unit S-T-R

and my recommendations are as follows:

O.K.--E.J.F.

O.K.--J.W.R.

Yours very truly,

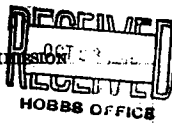
OIL CONSERVATION COMMISSION

Engineer-District 1

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

AREA AND ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company Santa Fe, N.M. Hobbs, New Mexico
Company or Operator Address
Hodges "B" Well No. **1** to **Q 34 34** of Sec. **1** T. **25-S**
Loc. **37-S** N. M. P. M. **11 cut** Field. **Lea** County.
Well is **660** feet **South** of the **Range** line and **660** feet **East** of the **Range** line of **Sec. 1**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Cities Service Oil Company** Address **Kartlesville, Oklahoma**
Drilling commenced **9-1-46** Drilling was completed **10-7-46**
Name of drilling contractor **Arthur Drilling Company** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **5114** feet.
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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SEAM	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13-3/8	57.3	8	10-10	511	Weld			
9-5/8	36	8	10-40	2626	Weld			
7"	23	8	10-55	4747	Weld			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/8	13-3/8	362	200	Plug		
13-1/4	9-5/8	2634.9	100			
9	7	4735	350			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
Cal.		oil	3,100	10-1-46	4760-4823	

Results of shooting or chemical treatment
closed two . . . of gas per day after snubbing.

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____
The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Bc. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ 1700 Gals. Airflow pressure

EMPLOYEES

Driller _____ Driller _____
Driller _____ Driller _____

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this _____ day of _____ 19____
Notary Public
My Commission expires _____
Name _____ Hobbs, New Mexico October 23, 1946
Position _____ District Superintendent
Representing _____ Cities Service Oil Company
Address _____ Santa Fe, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	41	41	Miche
41	662	621	Bed
662	820	158	Bed & Sand
820	870	50	Sand & Shale
870	895	25	Sandy Lime
895	935	40	Sand & Shale
935	1035	100	Anhydrite & bedded
1035	1189	154	Shale & anhydrite
1189	1266	77	Anhydrite & sand
1266	1460	194	bedded
1460	1740	280	bedded & salt
1740	2136	496	Anhydrite & salt
2136	2603	467	Anhydrite & Gyp
2603	2765	162	Anhydrite
2765	2805	40	Sandy Lime
2805	2847	42	Anhydrite
2847	2885	38	Sand, Lime
2885	3150	265	Sandy Lime & anhydrite
3150	4083	933	Sandy Lime
4083	4494	411	Lime & anhydrite
4494	4523	29	Lime & anhydrite
4523	4533	10	Lime

Total Depth 4823'

7393

anhydrite 960
 Sand Unit 2730
 Limes 2380
 anhydrites 3635
 Chlorite 4685
 Top Pay 4750

DRILL WITH TEST NO. 1 - October 2, 1946

L.S.P. 41, tested from 4710' to 4765'.

Tool open at 1:07 P.M. gas to surface in 13 minutes.
 Gas volumes as follows: 5 minutes 66,000 Cu. ft. per
 day; 10 minutes 57,700; 20 minutes 60,000; 40 minutes
 60,500; 47 minutes 60,000. Closed in for 20 minutes
 build up after 1 hr. L.P.P. 1250; N.P. 1250; S.U.P.
 4800; M.C.P. 2425. Recovered 195' of gas out mid.

DRILL WITH TEST NO. 2 - October 3, 1946

L.S.P. 42, tested 4757' to 4823'. Tool open
 12:14 P.M. 10-3-46; gas to surface in 25 minutes;
 volume in 5 minutes 23.7 MCF per day; 15 minutes
 23.8 MCF; 20 minutes 23.6; 45 minutes 35.2 MCF; 1 hr. 36
 39.0 MCF; 1 hr. 15 minutes 42.5 MCF; 1 hr. 30 minutes
 44.8 MCF; 1 hr. 45 minutes 45.2 MCF. Closed tool
 after 2 hrs. 8 minutes. Took 20 minutes build up.
 Recovered 160' of gas out mid. L.P.P. 2807;
 F.P.P. 2807; S.U.P. 1410; M.C.P. 2804.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE November 30, 1953

TO: Cities Service Oil Company
Box 97, Hobbs, New Mexico

GENTLEMEN:

Form C-104 for your Hodges B 1 1-25-37 Justis
LEASE WELL S.T.R. POOL

has been approved, however, since this well is:

- () An unorthodox location,
- () Located on an unorthodox proration unit,
- () Outside the boundaries of a designated pool,

it will be necessary for you to;

- () Comply with the provisions of Rule 4 of Commission Order _____
- () Comply with the provisions of Rule 7 of Commission Order _____
- () File Form C-123

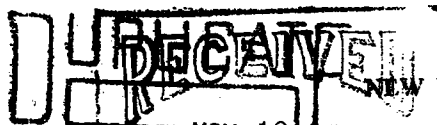
Pending further Commission action this unit will be assigned an _____ acre allowable.

Normal Unit 160 Acres

SJS
A. L. Porter, Jr.
Proration Manager

ALP/pb

cc/ Transporter El Paso Natural Gas Co.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-110 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

HOBBBS OFFICE

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator Cities Service Oil Company Lease Hodges "B"

Address Box 97, Hobbs, New Mexico Empire-Masonic Bldg., Bartlesville, Okla.
(Local or Field Office) (Principal Place of Business)

Unit M, Well(s) No. 1, Sec. 1, T. 25S, R. 37E, Pool Justis Gas Pool

County Lea Kind of Lease Patented

If Oil well Location of Tanks -

Authorized Transporter El Paso Natural Gas Company Address of Transporter

Jal, New Mexico El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of ~~Oil~~ Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are NONE

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☒

REMARKS:

This report is to change Hodges "B" # 1 Gaswell from the Justis Oil Pool to the Justis Gas Pool.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 12th day of November, 19 53.

Approved NOV 12 1953, 19

OIL CONSERVATION COMMISSION

By Stanley

Title Engineer District I

Cities Service Oil Company

By Charles M. Hume

Title District Superintendent

(See Instructions on Reverse Side)

RECEIVED
NOV 12 1953

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OIL CONSERVATION COMMISSION REQUEST FOR ~~WELL~~ (GAS) ALLOWABLE

New Well
~~Recompletion~~

HOBBS OFFICE

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico November 12, 1953

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Cities Service Oil Company

Hodges "B"

Well No. 1, in NW 1/4 SW 1/4,

(Company or Operator)

(Lease)

M

(Unit)

Sec. 1

T. 25S

R. 37E

NMPM,

Justia Gas

Pool

Lea

County. Date Spudded 9-5-46

Date Completed 10-7-46

Please indicate location:

Elevation 3124' Total Depth 4923' P.B. -

Top of gas pay 4750' Name Top of Prod. Form (Paddock) (Glorietta)

Casing Perforations: - or

Depth to Casing shoe of Prod. String 4755'

Natural Prod. Test - BOPD

based on - bbls. Oil in - Hrs. - Mins.

Test after acid or shot - BOPD

Based on - bbls. Oil in - Hrs. - Mins.

Gas Well Potential Open Flow 480.0 MCF

Size choke in inches Open Flow

Date first ~~oil~~ gas to Transmission system: 10-14-1946

Transporter taking Oil or Gas: El Paso Natural Gas Company

Casing and Cementing Record

Size Feet Sax

13-3/8"	311'	250
9-5/8"	2628'	1350
7"	4747'	350

Remarks: This report is to change Hodges "B" 1 Gaswell from the Justia Oil Pool to the Justia Gas Pool.

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

Approved NOV 30 1953, 19

Cities Service Oil Company

(Company or Operator)

By:

(Signature)

OIL CONSERVATION COMMISSION

By:

Engineer District 1

Title

Title:

District Superintendent

Send Communications regarding well to:

Name G. A. Hartwall, Cities Service Oil Co.

Address Box 97, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MISCELLANEOUS REPORTS ON WELLS

NOV - 6 1951

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well SI Pressure	X

November 2, 1951

Hobbs, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company Hodges-B Well No. 1 in the
Company or Operator Lease
 C SW SW of Sec. 1 T. 25S R. 37E N. M. P. M.,
 Justis Pool Lea County.

The dates of this work were as follows: -

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on - 19 -
 and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The following Semi-Annual SI Pressure for October, 1951 on Hodges-B #1 well is given below:

Well	Date Taken	Time Shut-In	Shut-In Pressure
Hodges-B #1	10-5-51	24	952

Witnessed by Fred G. Bernard El Paso Natural Gas Company Gas Engineer
Name Company Title

APPROVED:
 OIL CONSERVATION COMMISSION

Notary Public Inspector
Name Title

NOV 6 1951

Date

19

I hereby swear or affirm that the information given above is true and correct.

Name H. E. Massey
 Position District Engineer

Representing Cities Service Oil Company
Company or Operator

Address Box 97, Hobbs, New Mexico

21

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

NOV - 6 1951

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, result of casing shut off, result of plugging of well, and other important operations, even though the work was supervised by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Open Flow	X

November 5, 1951

Hobbs, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company

Hodges-B

Well No. **1** in the

C SW SW

Company or Operator

Lease

of Sec.

1

T.

25S

R.

37E

N. M. P. M.

Justis

Pool

Lea

County.

The dates of this work were as follows:

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The Annual Open Flow test on Hodges-B was taken during August, 1951 and is given below:

Well	Date Taken	Gas Volume
Hodges-B #1	8-17-51	460 MCF/day

Witnessed by Fred G. Bernard El Paso Natural Gas Company Gas Engineer

Name Company Title

APPROVED:
OIL CONSERVATION COMMISSION

Roy Yankovich
Oil & Gas Inspector
Name
Title
Date _____, 19____

I hereby swear or affirm that the information given above is true and correct.

Name R. P. Hemphill
Position Production Engineer
Representing Cities Service Oil Company
Company or Operator
Address Box 97, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED

MAY - 8 1951

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well SI Pressure	X

May 7, 1951

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company

Hodges "3"

Well No. 1

in the

C SW SW of Sec. 1 T. 25S R. 37E, N. M. P. M.,
Justis Field Lea County.

The dates of this work were as follows:

Notice of intention to do the work was ~~was~~ (was not) submitted on Form C-102 on 19

and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The following Semi-Annual SI pressure on Hodges "3" #1 well is given below:

Well	Date Taken	Time Shut-in	Shut-in Pressure
Hodges "3" #1	4-24-51	24	922

Witnessed by H. E. Massey Cities Service Oil Company District Engineer
Name Company Title

Subscribed and sworn before me this

7 th day of May, 19 51

Fred Lawson

Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name H. E. Massey

Position District Engineer

Representing Cities Service Oil Company
Company or Operator

My commission expires Feb. 3, 1954

Address Drawer G., Hobbs, New Mexico

Remarks:

APPROVED
MAY - 8 1951
Date

Ray Yankovich
Name
Oil & Gas Inspector
Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

OCT 16 1950

OIL CONSERVATION COMMISSION
HOBBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well SI Pressure	X

October 13, 1950

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the
Cities Service Oil Company Hedges "B" Well No. 1 in the
C SW SW Company or Operator Lease 25S R. 37E N. M. P. M.,
Justis of Sec. 1 T. 25S R. 37E N. M. P. M.,
Justis Field, Lea County.

The dates of this work were as follows:

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on 19
 and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The following required Semi-Annual SI pressure on Hedges "B" No. 1 well is given below:

Well	Date Taken	Time Shut-in	Shut-in Pressure
Hedges "B" No. 1	10-3-50	24 hours	1313.3 psia

Witnessed by H. J. Massey Cities Service Oil Company District Engineer
 Name Company Title

Subscribed and sworn before me this
13 th day of October 19 50

Fred Lawson

Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name H. C. MasseyPosition District EngineerRepresenting Cities Service Oil Company
Company or OperatorMy commission expires February 8, 1954Address Drawer G., Hobbs, New Mexico

Remarks:

APPROVED

Date OCT 17 1950

H. C. Massey
 Engineer District
 Name
 Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well SI Pressure	X

April 24, 1950

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company Hodges "B" Well No. 1 in the
Company or Operator
C SW SW of Sec. 1, T. 25S, R. 37E, N. M. P. M.,
Justis Field, Loa County.

The dates of this work were as follows: _____

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____ 19____
and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Took required Semi-Annual SI pressure on gas well. Results as follows:

Well	Date Taken	Time Shut in	Shut in Pressure
Hodges "B" No. 1	4-7-50	24 hrs.	1180#

Witnessed by H. E. Massey Cities Service Oil Co. District Engineer

Name

Company

Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

24 th day of April 19 50Name H. E. MasseyPosition District EngineerRepresenting Cities Service Oil Company

Company or Operator

My commission expires February 8, 1954Address Drawer G., Hobbs, New Mexico

Remarks:

Ray. Yumborough
Name
Title

Place Hobbs, New MexicoDate October 1, 1934

Glenn Staley
Proration Office
Hobbs, New Mexico.

Designate UNIT well is located in _____

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

NOTICE OF COMPLETION OF: (Lease) Hobbs Well No. 1
660' feet from S line: 660 feet from S line;
 Section 1 Township 33S Range 9E.

DATE STARTED 9-2-34
 DATE COMPLETED 10-7-34
 ELEVATION 4104'
 TOTAL DEPTH S.L. 4723'
 CABLE TOOLS _____ ROTARY TOOLS X

CASING RECORD

SIZE <u>13-3/8"</u>	DEPTH <u>34'</u>	SAX CEMENT <u>250</u>
SIZE <u>9-5/8"</u>	DEPTH <u>4014.5'</u>	SAX CEMENT <u>1350</u>
SIZE <u>7"</u>	DEPTH <u>4723'</u>	SAX CEMENT <u>330</u>

TUBING RECORD

SIZE 2" EUE DEPTH 4821

ACID RECORD

NO. GALS 3,000
 NO. GALS _____
 NO. GALS _____

SHOT RECORD

NO. QTS. _____
 NO. QTS. _____
 NO. QTS. _____

FORMATION TOPS

Anhydrite	<u>240</u>	San Andres	<u>3635'</u>
Top Salt	<u>240</u>	Glorietta	<u>4685'</u>
Base Salt	<u>2750</u>	Top Pay	<u>4750'</u>
Red Sand	_____		
Brown Lime	_____		
White Lime	_____		
Oil or Gas Pay	<u>4750</u>		
Water	_____		

Initial Production Test Gas only Pumping _____ Flowing X
 Test After Acid or Shot _____

Initial GAS VOLUME 1.2 CF

SCHEDULE NO. _____ DATE _____

PIPE LINE TAKING OIL 1 Gas _____

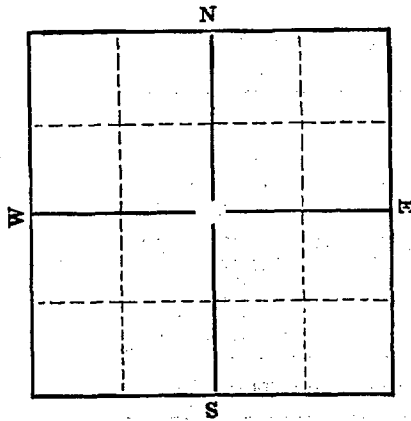
REMARKS _____ COMPANY Cities Service Oil Company

SIGNED BY: [Signature]

Wildcat

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



AMOUNT CASING & CEMENTING RECORD

Size	Feet	Inches	Sax Cement
8 1/2" 7 1/2"	1160		

TUBING RECORD

PACKER

Company City Service et al
 Farm Name Pat. Fort. Hodges Well No. 1-B
 Sec. Twp. 25 Range 37 County Lea
 Feet from Line: N. 660 S. E. 660 W.
 Elevation Method
 Contractor
 Spudded 9-5-46 Completed

ACID RECORD Gals.

TA	TG
TX	TSA
TCA	TGI
BX	TYo
TY	TABo
TSR	TPenn
Top Pay	TQ
	TOrd

SHOOTING RECORD

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date	Location	Date	
9-10	Ø 820 RB		
9-17	Ø 2630 Q		
9-24	Ø 3409 Z		
10-1	Ø 4686 L		
10-8			

DUPLICATE

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Miscellaneous Notices

RECEIVED
OCT 17 1946
HOBBS OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

October 4, 1946

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Cities Service Oil Company

Hobbs "A"

Well No. 1

in C SW SW

Company or Operator

Lease

of Sec. 1

T. 25S

R. 37E

N. M. P. M.,

Wildcat

Field,

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 4747' of 7" OD 23 1/2 casing set at 4755' and cemented w/ 350 sax. Plug down at 3:30 P.M. 10-4-46. Total depth well is 4823'. Casing will be tested by applying 1000# pressure w/ all valves closed and letting it stand one hour.

Approved OCT 17 1946, 19____
except as follows:

OIL CONSERVATION COMMISSION,

By Roy YarbroughTitle Oil & Gas Inspector

Cities Service Oil Company

Company or Operator

By [Signature]Position District Superintendent

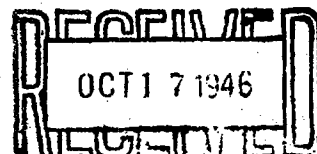
Send communications regarding well to

Name Cities Service Oil CompanyAddress Drawer "G", Hobbs, N.M.

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



HOBBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

October 11, 1946

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a Service Oil Company and the results obtained under the heading noted above at the

C SW SW Company or Operator 1 Lease Well No. 37E in the
Wildcat of Sec. T. Bea, N. M. P. M.,
Field, County.

The dates of this work were as follows:

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on 10/11/46 1946
and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

Ran 4747' of 7" OD casing set 4783' and cemented w/ 350 sax. Plug down at 3:30 P.M. 10-4-46. Total depth well 4823'. Casing was tested by applying 1000# pressure w/ all valves closed and letting it stand one hour during which time the pressure did not drop.

Witnessed by R. W. Ely Cities Service Oil Company Dist. Supt.

Name	Company	Title
Subscribed and sworn before me this 14th day of October 1946	I hereby swear or affirm that the information given above is true and correct.	
<i>[Signature]</i>	Name	Dist. Supt.
Notary Public	Position	Cities Service Oil Company
March 12, 1947	Representing	Company or Operator
My commission expires	Address	Drawer "G", Hobbs, New Mexico

Remarks:

APPROVED

Date OCT 17 1946

[Signature]
Name
Oil & Gas Inspector
Title

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before work 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 TEST CASING SHUT-OFF	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	X
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		

Hobbs, New Mexico

October 4, 1946

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____ SW SW

Cities Service Oil Company Hobbs, Well No. 1 in _____

of Sec. 1, T. 25S, R. 37E, N. M. P. M., Wildcat Field,

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Well drilled to total depth of 4825' line. To be acidized w/ 3,000 gallons from 4760'-4823'. 13-3/8" set at 322', 9-5/8" set at 2834.9', 7" casing set at 4755'.

Approved _____, 19____
except as follows:

Cities Service Oil Company

Company or Operator

By _____

Position Dist. Supt.

Send communications regarding well to

Name Cities Service Oil Company

Address Drawer "C", Hobbs, New Mexico

OIL CONSERVATION COMMISSION

Title Roy H. H. H. H.

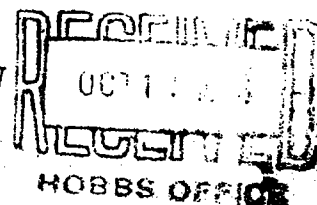
By _____

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

October 8, 1946

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company

Hobbs

Well No. 1 in the

Company or Operator

SW SW

Lease

253

of Sec. 1

T.

R.

37E

N. M. P. M.,

Wildcat

Field,

Lea

County.

The dates of this work were as follows:

October 5, 1946

Notice of intention to do the work was (was not) submitted on Form C-102 on

October 4,

1946

and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Acidized on October 5, 1946 with 3,000 gallons from 4760'-4823' Glorietta by DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing.

Witnessed by	R. W. Ely	Cities Service Oil Company	Dist. Supt.
	Name	Company	Title
Subscribed and sworn before me this	I hereby swear or affirm that the information given above is true and correct.		
day of	October	19	46
	Name	Dist. Supt.	
	Position	Dist. Supt.	
	Representing	Cities Service Oil Company	
	Company or Operator	Company or Operator	
My commission expires	March 12, 1947	Address	Traver "G", Hobbs, New Mexico

Remarks:

APPROVED

Date OCT 11 1946

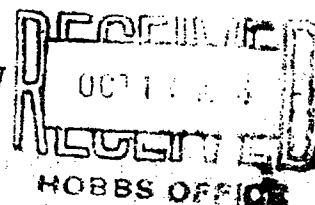
Roy H. Harkness
Name
Oil & Gas Inspector
Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

October 8, 1946

Hobbs, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company

Hobbs

Well No. 1 in the

Company or Operator

Lease

SW SW

25S

of Sec. 1

T.

R.

37E

N. M. P. M.,

Wildcat

Field,

Lea

County.

The dates of this work were as follows:

October 5, 1946

October 4,

46

Notice of intention to do the work was (was not) submitted on Form C-102 on

19

and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Acidized on October 5, 1946 with 3,000 gallons from 4760'--4823' Glorieta by DOWELL. Well flowed 2 million cubic feet of gas per day after swabbing.

Witnessed by	R. W. Ely	Cities Service Oil Company	Dist. Supt.
	Name	Company	Title
Subscribed and sworn before me this	I hereby swear or affirm that the information given above is true and correct.		
day of	October	19	46
	Name	Dist. Supt.	
	Position	Dist. Supt.	
	Representing	Cities Service Oil Company	
	Company or Operator	Company or Operator	
My commission expires	March 12, 1947	Address	Tracer "G", Hobbs, New Mexico

Remarks:

APPROVED

Date OCT 11 1946

Roy J. Harkness
Name
Oil & Gas Inspector
Title

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 on the back of this notice. Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

September 18, 1946

Place

Date

OIL CONSERVATION COMMISSION.
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Cities Service Oil Company

Hedges "B"

Well No. 1

in

of Sec. 1

T. 25S

R. 37E

N. M. P. M.,

Wilcoast

Field,

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Well was drilled to a total depth of 2659' and ran 2618.9' of 9-5/8" OD set at 2624.9' and cemented w/ 1350 sax (1150 sax 2% Aquagel and 200 sax regular). Cementing job was completed at 2:30 p.m. 9/17/46. Cement will be allowed to set 48 hours before drilling plug and testing casing.

Approved SEP 20 1946, 19____
except as follows:

Cities Service Oil Company

Company or Operator

By [Signature]

Position

District Superintendent

Send communications regarding well to

OIL CONSERVATION COMMISSION

Title

[Signature]
By [Signature]

Name

Cities Service Oil Company

Address

Drawer "G", Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within 30 days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	

Hobbs, New Mexico

September 20, 1946

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Place

Date

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company Hobbs, New Mexico Well No. 1 in the
St. S. Company or Operator Lease 230 37E, N. M. P. M.,
Wildcat Field, Lea County

The dates of this work were as follows: September 19, 1946

Notice of intention to do the work was (was not) submitted on Form C-102 on September 18, 1946
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was drilled to a total depth of 2629' and ran 2626.9' of 9-5/8" OD set at 2624.9' and cemented w/ 1350 sac (1150 sac 22 channel and 200 sac regular). Cementing job was completed at 2:30 P.M. 9/17/46. Cement was allowed to set 48 hours before drilling plug and testing casing. A pressure of 1000# was applied with all valves closed and allowed to stand one hour during which time pressure did not drop.

Witnessed by R. W. Sly Cities Service Oil Company Dist. Supt.
Name Company Title

Subscribed and sworn to before me this I hereby swear or affirm that the information given above is true and correct.

20th day of September, 1946 Name [Signature]

Position District Superintendent

Representing Cities Service Oil Company

My Commission expires March 12, 1947 Address Drawer "C", Hobbs, New Mexico

Remarks:

APPROVED

Date

[Signature]
Name

Title

CORRECTED COPY

7 MEXICO OIL CONSERVATION COM. ON

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS NOTICES

RECEIVED
SEP 17 1946

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

Place

September 18, 1946

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Cities Service Oil Company Hobbs "B" Well No. 1 in SW SW
of Sec. 1, T. 26S, R. 37E, N. M. P. M., Wildcat Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Well was drilled to a total depth of 2659' and 2626.9' of 9-5/8" CD casing run and set at 2654.9' and cemented with 1350 sax. Cementing was completed @ 2:30 p.m. 9/17/46. Cement will be allowed to set 48 hours before drilling plug and testing casing.

Approved SEP 17 1946, 19
except as follows:

Cities Service Oil Company

Company or Operator

By

Position District Superintendent

Send communications regarding well to

Name Cities Service Oil Company

Address Drawer "G", Hobbs, New Mexico

OIL CONSERVATION COMMISSION

Title Roy Yarrington

By Roy Yarrington

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in duplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL		

Hobbs, New Mexico

Sept. 9, 1946

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the
Cities Service Oil Company **Hodges B** Well No. **1** in the
Company or Operator Lease
C SW SW of Sec. **1**, T. **25S**, R. **37E**, N. M. P. M.,
Wildcat Field, **Lea** County

The dates of this work were as follows: **5 September 1946**

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on **26 August** 19 **46**
and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

This well was spudded @ 5:00 A.M. on 5 September 1946 and 15-3/8" O.D. 27-3/4" Spiral Weld Slip Joint Casing was set @ 322' and cemented w/ 250 sax on September 7, 1946.

Witnessed by **R. W. Ely** **Cities Service Oil Company** **District Superintendent**
Name Company Title

Subscribed and sworn to before me this **9th** day of **September**, 19 **46**
Name **R. W. Ely**

I hereby swear or affirm that the information given above is true and correct.

Position **District Superintendent**

Notary Public, **Lea Co., N.M.**
Representing **Cities Service Oil Company**
Company or Operator

My Commission expires **March 12, 1947** Address **Drawer "G", Hobbs, N.M.**

Remarks:

APPROVED

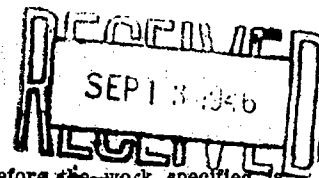
Date **SEP 11 1946**

Roy Garbrough
Name
Oil & Gas Inspector
Title

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, N.M.

8 September 1946

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Cities Service Oil Company Hodges "B" Well No. 1 in C SW SW

of Sec. 1 T. 25S R. 37E N. M. P. M., Wildcat Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

13-3/8" O.D. 27.3# Armco Spiral Weld Slip Joint Casing was cemented @ 322' in Redbed w/ 250 sac of cement which circulated. T.D. of well is 334'. Casing will be tested by bailing the hole dry after drilling the cement plug & let it stand for 1 hr.

Approved SEP 13 1946, 19
except as follows:

Cities Service Oil Company
Company or Operator

By

Position Dist. Supt.

Send communications regarding well to

Name Cities Service Oil Company

Address Drawer "G"

Hobbs, N.M.

OIL CONSERVATION COMMISSION

Title

By

Oil & Gas Inspector

NE.

MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be 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 showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instruction in Rules and Regulations of the Commission.

Hobbs, New Mexico

August 20, 1944

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 Cities Service Oil Co.
Hodges "B" Well No. 1 in C S N SW

Company or Operator 25S, R. 37E, N. M. P. M., Wildcat Lease Field, Lea County
of Sec. 1, T. 25S, R. 37E, N. M. P. M., Wildcat Field, Lea County

AREA 640 ACRES
LOCATE WELL CORRECTLY

The well is 660 feet (N.) (~~SE~~) of the S line and 660 feet

(E.) (~~W~~) of the W line of Sec. 1

(Give location from section or other legal subdivision lines. Cross out wrong directions)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is O. M. Hodges

Address _____

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Bond approved

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
17-1/4"	13-3/8"	27.3#	New	330'	Cemented	250
12-1/4"	9-5/8"	36#	New	2600'	Cemented	1150
8-3/4"	7"	23#	New	4720'	Cemented	350

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil and gas sand should occur at a depth of about 4720 feet.

Additional information:

Approved _____, 19____

except as follows:

Sincerely yours,

Cities Service Oil Company

Company or Operator

By _____

Position District Superintendent

Send communications regarding well to

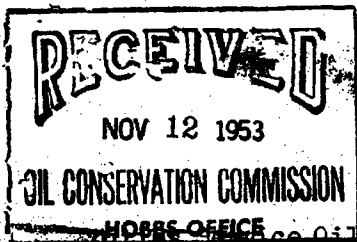
Name D. D. Bodie

Address Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By W. H. Hodges

Title Assistant District Superintendent



NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date 11-11-53

Hobbs Office Oil Company Hodges "B"
Operator Lease Well No. 1

Name of Producing Formation Paddock (Glorietta) Pool Justis Gas

No. Acres Dedicated to the Well 160

SECTION 1 TOWNSHIP 25-S RANGE 37-E

1.			

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

Name Charles M. Hansen
Position District Superintendent
Representing Cities Service Oil Co.
Address Box 97, Hobbs, New Mexico

(over)

COUNTY *Lea*

POOL *North Justis - Glorieta*

TOWNSHIP *25 South*

RANGE *37 East*

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: *NW¹/₄ Sec. 1 (R. 2507, 7-1-63)*

Pt Aled 1984

N. M. OIL CONS. COMMISSION
P. O. BOX 1990
HOBBE, NEW MEXICO 88240

Form 9-331
Dec. 1973

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR

Santa Fe Energy Company

3. ADDRESS OF OPERATOR

500 W. Ohio, Midland, Texas 79701

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SW₁, NW₁, Sec 1, T25S, R37E

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
☐
☐
☐
☐
☒
☒

(other) May, 1983 application approved pg 4 for recompletion procedure & P&A.

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.)*

P&A RECORD - See Attached for complete WO & Plug Report

11-1-83 CIBP @ 4775 w/2 sx cmt. Top of cmt 4743

11-3-83 CIBP @ 3190 w/2 sx cmt.

11-9-83 Retainer set @ 2299.47' squeezed w/80 sx Class "C" Neat. Spotted 2 sx cmt on top. Spotted 20' plug from 1800 to 1610'. Set retainer @ 890', squeezed w/80 sx Class "C". Spotted 2 sx cmt on top of retainer.

11-11-83 Cut off wellhead, set 20' plug. Cleaned location.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Billie Hood TITLE Sr. Prod. Clerk DATE 1-12-84

(This space for Federal or State office use)

APPROVED BY Scott Carm
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

7-22-84

Cumulative Prod.

257 B0

4895 BW

237664 MCF

Form Approved.
Budget Bureau No. 42-R1424

5. LEASE
LC032579 (e)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Carlson B-1

9. WELL NO.

2

10. FIELD OR WILDCAT NAME

North Justin Glorieta

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 1, T25S, R37E, NMPM

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF @ 3129, DE @ 5.5 magl

(NOTE: Report results of multiple completions or zone change on Form 9-330.)

RECEIVED
JAN 24 1984
NIGHT
STREET

WELL WORKOVER REPORT

Carlson Bl #2

AFE 2993

10-26-83

Set frac tank. Moved in and rigged up pulling unit. Rigged up B.O.P. with blind rams and 2 3/8" tubing rams. Strap out of hole with tubing. Laid 156 joints of tubing down. Shut down for the night.

10-27-83

Rigged up Star Tool overshot. Ran in hole and picked up tubing in singles. Pulled out of hole. Did not have fish. Rigged up 3' extension on overshot. Ran in hole and tagged fish at 4818'. Rolled off top of fish. Went down 3' and set 6 points down on fish. Went down hole one foot and picked up on tubing. Pulled 12 points over weight. Pulled -ree. Pulled two stands with 5 points over tubing weight. Shut down for the night.

10-28-83

Tagged bottom. Pulled out of hole with 153 joints 2 3/8" tubing, fish, 6 joints 2 3/8" tubing, SN, and changeover. Ran in hole with 3 1/8" bit, casing scraper, and 157 joints 2 3/8" tubing. Tagged fill at 4967'. Left 47' of fill. Pulled out of hole. Ran in hole with 4" RTTS packer. Set packer at 4764'. Loaded casing. Pumped in at 4 bpm. Rigged up swab. Made seven runs and swabbed a total of 14 barrels water. Tagged fluid at 2000'. Swabbed down to 3000'.

10-29-83

Started swabbing. Tagged fluid at 1500'. Pulled from 2500'. In three hours had swabbed down to 3600'. Swabbed a total of 22 barrels dirty water and a trace of oil. Swabbed to 4000' for a total of 8 barrels water and a trace of oil. The water was cleaning up. Had tail gas after swab run. Shut down for one hour, 300' entry. Swabbed to 4200' for a total of 29 barrels water and a trace of oil. The last run had a 6% oil cut. The casing pressure was 210#. Shut down for the night.

10-30-83

The well was shut in for 16 hours. The tubing pressure was 0# and the casing pressure was 175#.

10-31-83

The tubing pressure was 8# and the casing pressure was 0#. Tagged fluid at 2500'. Swabbed well down to 4400'. Swabbed a total of 35 1/2 barrels water with 3% oil cut. Total fluid recovered in three days was 108 1/2 barrels water.

11-1-83

The tubing pressure was 20# and the casing pressure was 4#. Made three runs with swab. Released packer and pulled up hole to 3219'. Set packer. Loaded hole with 78 barrels 2% KCL water. Tested to 800#, pressure held. Set packer at 3791' and tested to 800#, pressure held. Set packer at 4108' and tested to 800#, pressure held. Set packer at 4794' and tested to 800#, pressure held. Pulled out of hole. Rigged up McCullough. Set Model N cast iron bridge plug at 4775'. Ran in hole with glass bottom bailer. Dumped 32' of cement. Started in hole with tubing.

11-2-83

Finished running in hole with tubing to 4000'. Circulated up tubing with 100 barrels 2% KCL water. Pressured to 800# on casing and it held for four minutes, no leaks. Pulled out of hole with 19 joints. Put spot at 3397' and spotted 250 gallons double iron inhibited 15% Ne Fe HCL with split suspender. Spotted acid from 3397' to 3000'. Displaced with 11.6 barrels 2% KCL water. Pulled out of hole with 108 joints tubing. Rigged up Welex. Ran in hole with 2 3/4" hollow steel carrier loaded with JRC, SSB II charges, on 180 phasing. Perforated top to bottom from 3240' to 3250', 11 holes, all shots fired.

11-3-83

The tubing pressure was 35# and the casing pressure was 0#. Rigged up to swab. Ran in hole and found fluid 25' above the SN. Ran back in hole with swab, came out of hole with no fluid. Shut down for 24 hours to get fluid and wait on zone.

11-4-83

The tubing had 45# pressure and the casing had no pressure. Made three runs with swab and recovered no fluid. Ran in hole and picked up RBP. Pulled out of hole. Laid packer and bridge plug down. Ran in hole with Halliburton CIBP and set it at 3190', 3' off top of liner. Came out of hole laying down tubing. Shut down for the night.

11-5-83

Shut down. Saturday.

11-6-83

Shut down. Sunday.

11-7-83

Rigged up glass bottom bailer and dumped two sacks cement. Ran 96 joints tubing then swabbed to 2290'. Ran Gamma Ray Log. Went in hole with casing guns and perforated from 2990', 2967', 2940', and 2930', 8 shots and no pressure. Perforated 2890' to 2640', 12 shots and no pressure. Perforated 2528' to 2445', 10 shots and no pressure. Perforated 2423' to 2329' 16 shots and no pressure. Rigged down. The fluid level was at 2290'.

11-8-83

Picked up SN and 100 joints tubing. Tagged cement at 3159'. Rigged up swab and tagged fluid at 2300'. Swabbed down to 3144'. Swabbed 6 barrels water, a trace of oil, and no gas. Pulled out of hole. Picked up Baker Cement retainer and ran in hole to 2299'. Shut down for the night.

11-9-83

Rigged up Western. Set retainer at 2300'. Pumping through retainer, squeezed off Seven Rivers and Yates formations with 80 sacks Class C Neat cement at 1500#. Picked up and dumped two sacks cement on top of the retainer. Laid down two joints tubing. Displaced hole with 9.5# mud. Pulled up to 1800'. Spotted cement plug from 1800' to 1610'. Rigged up Welex and perforated two holes at 1075'. Rigged down Welex. Ran in hole with 5 1/2" retainer and set it at 890'. Loaded backside and pressured to 500#. Rigged down Western. Laid down tubing. Rigged down B.O.P. and pulling unit.

11-10-83

Had 2 3/8" DSSHT tubing trucked back to the Seagraves SPE M & S yard.

11-11-83

Dug out and cut off pipe. Put 20' cement plug at surface. Put dry hole information marker up. Broke out flowline from well to tank battery. Job complete.

Joe Graham

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOMMISSION
SUBMIT IN TR. DATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.

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

Santa Fe Energy Company

3. ADDRESS OF OPERATOR

One Security Park, 7200 I-40 W, Amarillo, Tx. 79106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface SW 1/4, NW 1/4, Sec. 1, T25S, R37E, NMPM

At proposed prod. zone

Same.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5 miles NE from Jal, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

16. NO. OF ACRES IN LEASE

800.20

19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF @ 3129'

DF 9.5' AGL

22. APPROX. DATE WORK WILL START*

June 6, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	32# & 24#	980'	500 sacks
7 7/8"	5 1/2"	14#	3407'	300 sacks TOC 2085'
4 3/4"	4"	11.6#, 10.46#	3193' to 5098'	85 sacks

See attached procedure: Objectives of procedure are: (1) Determine mechanical condition of well bore and down hole equipment. (2) Production test North Justis Glorieta formation. Abandon zone if noncommercial. (3) Attempt recompletion in the Langlie Mattix Pool and/or the Jalmat Pool. (4) P & A if well is noncommercial.

RECEIVED

MAY 9 1983

OIL & GAS

ROSWELL, NEW MEXICO

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

P. J. Salome

TITLE

Production Engineer

DATE

May 5, 1983

(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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Santa Fe Energy Company
3. ADDRESS OF OPERATOR 79106
One Security Park, 7200 I-40 W, Amarillo, Tx.
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW 1/4, NW 1/4, Sec. 1, T25S, R37E
AT TOP PROD. INTERVAL: Same NMPM
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input checked="" type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE
LC032579(e)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

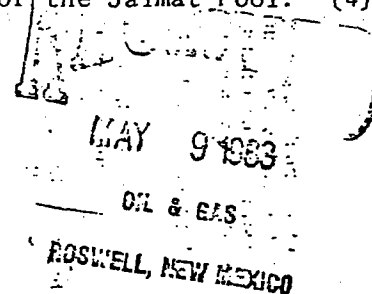
8. FARM OR LEASE NAME
Carlson B-1
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
North Justis Glorieta
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 1, T25S, R37E, NMPM
12. COUNTY OR PARISH
Lea 13. STATE
N. M.
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF @ 3129' DF 9.5 AGL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

See attached procedure. Objectives of procedure are: (1) Determine mechanical condition of wellbore and downhole equipment. (2) Production test North Justis Glorieta formation. Abandon zone if noncommercial. (3) Attempt recompletion in the Langlie Mattix Pool and/or the Jalmat Pool. (4) P & A if well is noncommercial.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED P. J. Hawn TITLE Production Eng. DATE May 5, 1983

APPROVED

(This space for Federal or State office use)

APPROVED BY (Chs. Sgd.) PETER W. CHESTER TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MAY 31 1983

RECOMPLETION PROCEDURE

5/5/83 *PDZ*

CARLSON B-1 #2
AFE #

Problem: Well was TA in 1974. The B.L.M. has ordered to test the integrity of the wellbore. Condition of the wellbore and downhole equipment is unknown.

- Objective:
- (1) Determine mechanical condition of wellbore and downhole equipment.
 - (2) Production test North Justis Glorieta formation. Abandon zone if noncommercial.
 - (3) Attempt recompletion in the Langlie Mattix Pool and/or the Jalmat Pool.
 - (4) P & A if well is noncommercial.

Well Data: See attached Well Data Sheet.

D. F. elev.	3129'
D. F. to G. L.	9.5'
Surface Casing.	8 5/8" OD 32# & 24# @ 980' w/ 500 sx. cmt.
Production Casing.	5 1/2" 14# J-55 @ 3407' w/300 sx. cmt. TOC 2085'
Liner.	4" OD 11.6# & 10.46# N-80 from 3193' to 5098' w/ 85 sx. cmt. Est. drift 3,351"
TD	5100'
TBG.	3-15-65 - 2" 4.7# @ 5000'
Down Hole Equip.	Unknown.

Procedure:

- (1) Deliver 174 jts. 2 3/8" OD 5.95# N-80 Atlas Bradford DSS-HT Tbg. to location. Recommended make up torque, 1700 ft - lb. which corresponds to about 640 psi for B. J. Tbg. Tongs.

- (2) DC le valve csg. and tbg. and check pressure.
- (3) Record SI fluid level.
- (4) Vent tbg. to fenced pit through a portable tester. Record oil, water, gas, tbg. pressure, csg. pressure and orifice size. Record final fluid level.
- (5) If well appears productive in present North Justis Glorieta Pool, set test tank as needed and test for one to seven days. If water is produced, have the water analyzed for formation source and scaling tendencies. Use Martin Water Labs.
- (6) Place frac tank w/ 300 bbls. 2% KCL water.
- (7) MI and RU pulling unit.
- (8) Rig up BOP w/ blind rams and 2 3/8" tbg. rams and stripper.
- (9) Strap OOH w/ tbg. and down hole equipment.
- (10) RIH w/ 3 1/8" bit, bit sub, 3 1/8" csg. scraper and 2 3/8" OD Atlas Bradford tbg.
- (11) Tag PBTB. CIBP shown at 5015' D.F. If junk in hole is above 4900', clean out well and send recovered scale for analysis. Do not spend more than 3 days on fishing and clean out efforts.
- (12) RIH w/ 4" pkr. to 3400' and pressure test casing to 800 psi. If minor casing leaks are found above 2300', attempt a csg. repair by cmt. squeeze.
- If major casing repairs are needed and well has not shown promise of commercial production, shut in well pending P & A.
- If minor casing leaks are found below 2300', ignore them and continue procedure.
- (13) Swab test well.
- (14) Place well on flowing test if well appears productive.
- (15) Take water sample for analysis if sample not taken earlier or if well conditions are changed.
- (16) POOH w/ tbg. and BHA.
- (17) If Glorieta shows promise of commercial production we will stimulate as needed and place well on long term test.
- (18) If Glorieta proves non commercial set a CIBP @ ^{4775'}~~4700'~~. Place two sacks cmt. on CIBP.
- (19) RIH w/ tbg. to 4000' and reverse circulate tbg. and wellbore clean w/ 2% KCL water.
- (20) Pull up to 3340' and spot 250 gal. double iron inhibited 15% NE FE HCL w/ silt suspender & surfactant (Est. spot from 3340' to 3017').

- (21) Run wireline unit and perforate 43 les at 1 SPF, top and bottom, with a 3 1/8" OD hollow steel carrier loaded with J.R.C. SSB II charges. Shoot the following intervals from top to bottom and with 120° phasing. (15)

3240-50	11 holes
3258-66	9 holes
3272-76	5 holes
3308-18	11 holes
3332-38	7 holes

- (22) RIH w/ RBP, Pkr., SN, and 2 3/8" tbg. and straddle acidize each interval with 250 gal. 15% NE FE HCL. Treat from bottom interval up. If a zone communicates with another zone, raise packer and treat both zones together.
- (23) Set RBP below Queen zone and swab well down and test Queen zone.
- (24) If Queens formation proves commercial, set a 4" retrievable bridge plug at 3194'± with two sacks sand on top.
- (25) If Queens formation proves noncommercial, set a 5 1/2" CIBP at 3190'±. Place two sacks cement on CIBP.
- (26) Swab wellbore dry.
- (27) Install 0-10 psi and 0-1000 psi pressure gauges on casing. Install blow line to pit. Rig up oriface gas tester.
- (28) MI and RU perforating truck with a standby 5 1/2" drillable retainer and select fire guns.
- (29) RU 30' 2000 psi lubricator.
- (30) RIH with 4" OD hollow steel select fire guns loaded with JRC SSB II charges to fire up to 46 holes over a 663' gross interval in empty 5 1/2" casing. Gross interval is from 2990' in 7 Rivers to 2327' at very top of Yates.
- (31) Perforate two shots at 2990', 2965', 2940' and 2929'. Eight holes total. Shut in well for thirty minutes. Record pressure at 1 min., 2 min., 5 min., 10 min., 15 min., 20 min., 25 min., and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (32) Tag and record fluid level. Perforate two shots at 2888', 2813', 2735', 2701', 2667' and 2640'. Twelve holes total. Shut well in for thirty minutes. Record pressure at 1 min., 2 min., 5 min., 10 min., 15 min., 20 min., 25 min., and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.

- (33) Tag and record fluid level. Perforate two shots at 2528', 2494', 2483', 2458' and 2445'. Ten holes total. Shut in well for thirty minutes. Record pressure at 1, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (34) Tag and record fluid level. Perforate two shots at 2421', 2415', 2406', 2397', 2387' and 2379'. Twelve holes total. Shut in well for thirty minutes. Record pressure at 1, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate is above 200 MCFPD.
- (35) Tag and record fluid level. Perforate two shots at 2348' and 2327'. Four holes total. Shut in well for thirty min. Record pressure at 1, 2, 5, 10, 15, 20, 25 and 30 min. Open well to pit through oriface tester. Place well on long term test if gas rate above 100 MCFPD.
- (36) If Yates-7 Rivers or Yates-7 Rivers and Queen shows promise of commercial production, shut in well pending stimulation of zones of interest, construction of a battery, and/or connection to gas line.
- (37) If well shows no promise of commercial production, P & A well. Per steps 38 through 42.
- (38) Set a 5 1/2" cmt. retainer at 2300'. Squeeze with eighty sacks Class C neat cmt. at 14.8 ppg. and 1.32 cubic feet per sack or to 1500 psi. Spot two sacks cmt. above retainer.
- (39) Place a twenty sack Class C neat cmt. plug from 1800' to approx. 1610'.
- (40) Place a twenty sack Class C neat cmt. plug from 1075' to approx. 890'. *need cmt. in annulus 1075'-890'*
- (41) Place a three sack cmt. plug from 20' to surface.
- (42) Cut off wellhead below ground level and place plugged well marker.

Carlson B-1 #2

USGS lease No: LC032579 (e)

SFECO File: NM-47-37-2

North Justis Glorieta Pool

1650' FNL & 660' FWL, (SW1/4, NW 1/4),

(Unit 'E'), Section 1, T25S, R37E,

NMPM, Lea County, New Mexico

Original Operator: Westates Petroleum

SPUD: March 13, 1955. TD @ 3,407',

3-27-55. Completed 3-31-55.

Initial Producing formation: Queen in
the Langlie Mattix Pool

Initial Perfs: 3240' to 3338'

IP: Flowing 147.84 BOPD, 0 BW, GOR 800

DF to sea level 3129' - DF TO GL 9.5'

PGAC GR/N Log 3407' to 100' 3-27-55

Worth Well Temp Survey 3390' to surface

3-28-55

Lane Wells GR/N Log 5079' - 3100', 3-28-63

Lane Wells Acoustic Log 5049' - 3407'

2-25-63

11" hole to 985'

969', 8 5/8", 32# & 24#, surface pipe set

@ 980' w/400 sx around bottom & 100 sx

from top. 500 sxs total

7 7/8" hole to 3407' orig TD (3411' DD)

2-27-63: Drld to 5100', set & cmtd 4" lnr
from 3193'-5098'; sealed off Queen
perfs behind lnr.

3193'

3240-50 3 SPF - takes inj oil
per Spinner Survey 3-55

Frac w/
20,000 gal
oil,
20,000 gal
Sand, 3-55

3258-66 3 SPF - takes inj oil
per Spinner Survey 3-55

3272-76 3 SPF

3308-18 3 SPF

3332-38 3 SPF

Frac w/
10,000 gal
10,000#
Sand 3-55

3397' of 5 1/2" OD 14# 8rd J-55 SMLS csg,
set @ 3407 w/200 sx 4% gel & 100 sx Neat.
TOC 2085'

4 3/4" hole 3407'-5100'

4824'32' 2 SPF - 500 gal MA, 3000 gal NE
HCL, frac w/5000 gal oil & 5000# Sand

4900-04 2 SPF

4913-19 2 SPF

500 gal MA & 3000 gal
NE HCL

4922-24 2 SPF

4930-36 2 SPF

4948-60 2 SPF

4968-80 2 SPF

CIBP @ 5015'

5048-60 2 SPF

500 gal MA & 3000 gal
Unisol acid

5068-76 2 SPF

1974 - Well TA

TD 5100'

4" OD, 11.6# & 10.46#, N-80 Liner, set from
3193-5098' w/85 sx 50/50 Poz w/2% gel. Rev
out 20 sxs cmt.

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION 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 1-1-55

Operator Santa Fe Energy Company
Address P. O. Box 12058, Amarillo, TX 79101
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐ Other (Please explain)
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐ Name change of company
If change of ownership give name and address of previous owner Oil Development Company of Texas, P. O. Box 12058, Amarillo, TX 79101

DESCRIPTION OF WELL AND LEASE

Lease Name <u>Carlson Bl</u>	Well No. <u>2</u>	Pool Name, including Formation <u>North Justis Glorietta</u>	Kind of Lease State, Federal or Fee <u>Fed</u>	Lease No. <u>LC032579(e)</u>
Location Unit Letter <u>E</u> <u>1650</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line of Section <u>1</u> Township <u>25S</u> Range <u>37E</u> NMPM, <u>Lea</u> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>P.O. Box 1492, El Paso, Texas 79978</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>No - Well shut in since 6-74</u>

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

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.				
Elevations (DF, RKB, RT, CR, etc.)	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

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 be for full 24 hours)

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/MCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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.

Original Signed By
Anthony J. Welker

(Signature)
Petroleum Engineer

(Title)

January 19, 1979

(Date)

OIL CONSERVATION COMMISSION

APPROVED Jan 16 1979, 19

BY John Kinyon

TITLE Geologist

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 only Sections I, II, III, and VI 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
reverse side)E-
re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 0320579 (e)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Carlson B-1

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Justis Glorietta

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

1-25S-37E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

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

Oil Development Company of Texas

3. ADDRESS OF OPERATOR

P. O. Box 12058 Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4, NW/4

1650' FNL, 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

3129 DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Temporary Abandonment

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 perti-
nent to this work.)*

A recompletion attempt of the subject well in the Langlie-Mattix and/or the Jalmat Pools is pending word from the Federal Energy Administration on a request for an increased gas sales price to justify the workover expenditure. Our plan of action for this well is as follows, assuming FEA approval is received:

1. Attempt a recompletion to the Jalmat Pool, and if successful, return the well to productive status. If unsuccessful, attempt a re-entry of the Langlie-Mattix Pool.
2. If both recompletion attempts are unsuccessful, ODCOT will submit plans to plug and abandon.
3. Information obtained through the work on this well will be applied to the other two wells on this lease.

This well has been shut-in for several years. U.S.G.S. approval of temporary abandonment expires April 1, 1978. An extension to perform the above operation is requested.

This approval of temporary

abandonment expires 4-1-78

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Petroleum Engineer

DATE March 1, 1978

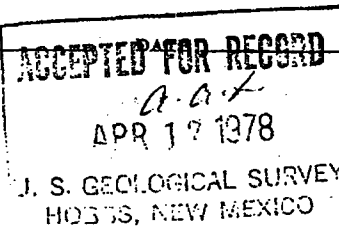
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-B1424.

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. LC 0320579 (e)	
2. NAME OF OPERATOR Oil Development Company of Texas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 12058 Amarillo, Texas 79101		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4, NW/4 1650' FNL, 660' FWL		8. FARM OR LEASE NAME Carlson B-1	
14. PERMIT NO.		9. WELL NO. 2	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3129 DF		10. FIELD AND POOL, OR WILDCAT N. Justis Glorietta	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-25S-37E	
		12. COUNTY OR PARISH Lea	13. STATE N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Temporary Abandonment <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.) *

A recompletion attempt of the subject well in the Langlie-Mattix and/or the Jalmat Pools is pending word from the Federal Energy Administration on a request for an increased gas sales price to justify the workover expenditure. Our plan of action for this well is as follows, assuming FEA approval is received:

1. Attempt a recompletion to the Jalmat Pool, and if successful, return the well to productive status. If unsuccessful, attempt a re-entry of the Langlie-Mattix Pool.
2. If both recompletion attempts are unsuccessful, ODCOT will submit plans to plug and abandon.
3. Information obtained through the work on this well will be applied to the other two wells on this lease.

This well has been shut-in for several years. U.S.G.S. approval of temporary abandonment expires April 1, 1978. An extension to perform the above operation is requested.

This approval of temporary
abandonment expires 7-1-78

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Petroleum Engineer

DATE March 1, 1978

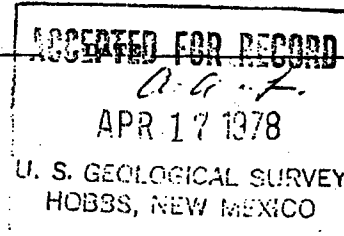
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction
reverse side)TE-
re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 0320579c

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Oil Development Company of Texas		8. FARM OR LEASE NAME Carlson B-1	
3. ADDRESS OF OPERATOR P. O. Box 12058, Amarillo, Tx 79101		9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) AT surface SW/4, NW/4 1650' FNL, 660' FWL		10. FIELD AND POOL, OR WILDCAT N. Justis Glorieta	
14. PERMIT NO. NA		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3129 DF	
		12. COUNTY OR PARISH Lea	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Temporary abandonment ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change of Operator ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(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.)*

Previous Operator: Westates Petroleum Company
811 W. 7th
Los Angeles, Calif. 90017

Well has apparently been shut-in for several years. As we have just recently purchased Westates interests, we request an extension of temporary abandonment status for one year to evaluate the situation.

This approval of temporary abandonment expires APR 1 1978

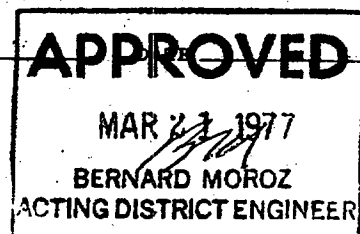
18. I hereby certify that the foregoing is true and correct

SIGNED Bernard MorozTITLE Petroleum EngineerDATE March 18, 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____



*See Instructions on Reverse Side

NO. OF COPIES RECEIVED	
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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-11
 Effective 1-1-65

Operator Oil Development Company of Texas	
Address P. O. Box 12058, Amarillo, Tx 79101	
Reason(s) for filing (Check proper box) Other (Please explain)	
New Well <input type="checkbox"/>	Change in transporter of: <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner: Westates Petroleum Co., 811 W. 7th, Los Angeles, Calif. 90017

II. DESCRIPTION OF WELL AND LEASE

Lease Name Carlson B-1	Well No. Pool Name, including Formation 2 N. Justis Glorietta	Kind of Lease State, Federal or Fee federal	Lease No. LC 032579e
Location Unit Letter E, 1650 Feet From The North Line and 660 Feet From The West			
Line of Section 1 Township 25S Range 37E NMPM, Lea County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas	P. O. Box 1492 El Paso, Tx 79978
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'r.	Diff. Res'r.
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.				
Elevations (DF, RKB, RT, GR, etc.)	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 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 be for full 24 hours)

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 (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	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.


 Petroleum Engineer
 (Typed Name)
 March 18, 1977
 (Date)

OIL CONSERVATION COMMISSION

APPROVED 3/18/77, 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 or new and recompleted wells.
 Fill out only Sections I, II, III, and VI 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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 032579(0)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lease

8. FARM OR LEASE NAME

Carlson B 1

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Justis Glorietta

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 1, T25S, R37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

D.F. 3129'

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Plug back

(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.) *

9-15-65 - Set Baker cast iron Bridge plug Mod. K #5015' over Paddock
Perfs. 5048'-60' 5068'-76'. Run tubing, put well on.
Producing Glorietta Perfs. 4900'-04' 4913'-19' 4922'-24'
4930'-36' 4948'-60' 4968'-80' 4824'-32'.

9-22-65 - Well tested 24 hr. 2 BOPD and 3 GWPD.
65.1 MCFFD.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Production Superintendent

DATE September 23, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

J. L. GORDON

ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 032579(e)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lease

8. FARM OR LEASE NAME

Carlson R 1

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

H. Justin Glorietta

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 1, T25S. R37E.

12. COUNTY OR PARISH 13. STATE

Lea

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—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Westates Petroleum Company

3. ADDRESS OF OPERATOR

Box 33, Jal, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1650' Fr. N. & 660' Fr. W. SW 1/4 of NW 1/4 Sec. 1-25S-37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

DF 3129'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) PB

FILL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

5 1/2" 14# set 3407' - 4" OD Liner 3200'-5100'. Packer set 5030'
Perfs. Paddock 5048'-60' 5068'-76'.9-14-65 - Propose set cast iron B.P. approx. 5030' w/one sack cement.
Produce Glorietta Gas 4900'-04' 4913'-19' 4922'-24' 4930'-36'
4948'-60' 4968'-80' 4824'-32'.
Put well on production.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Prod. Supt.

DATE Sept. 13, 1965

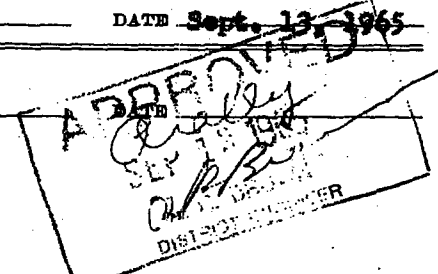
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

July 19, 1965

C
O
P
Y

Westates Pet. Co.
Box 88
Jal, New Mexico

Attention: Mr. L. E. Chaffin

Gentlemen:

According to our interpretation the perforations 5048' to 5076' in your Carlson B-1 Federal No. 2 located in Unit E of Section 1, T-25-S, R-37-E are within the horizontal and vertical limits of the Justis Blinbry Pool. Our pick for the top of the Justis Blinbry Pool in this well is at 4990'.

Our records also reflect that United States Smelting Refining and Mining Co. has a producing Justis Blinbry well in this same proration unit, namely their Westates Federal No. 5. Therefore, before your Carlson B-1 Federal No. 2 can be produced it will be necessary that some type of agreement be worked out between yourselves and United States Smelting Refining and Mining Co.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey
Supervisor, District 1

JDR/mc

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

032579(0)

6. INDIAN, ALLOTTEE OR TRIBE NAME

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Westates Petroleum Company

3. ADDRESS OF OPERATOR

Box 33, Jal, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

1650' Fr. N. & 660' Fr. W. SW $\frac{1}{4}$ of NW $\frac{1}{4}$ Sec. 1-25S-37E

14. PERMIT NO.

15. ELEVATIONS (Show whether oil, gas, etc.)

DF. 3129'

7. UNIT AGREEMENT NAME

Lease

8. FARM OR LEASE NAME

Carlson B 1

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Justis Glorietta

11. SEC., T., R., M., OR REK. AND
SURVEY OR AREA

Sec. 1, T25S, R37E NMPM

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

5 $\frac{1}{2}$ " 14# Set 3407' 4" OD liner 3200'-5100'.

1-10-65 - Cleaned out with reverse drlg. tools from 5047'-5098'.

1-14-65 - Perf. Paddock 5048'-60' 5068'-76' 2 per/ft.

Acidize with 500 gal. H.A. Test.

Acidize with 3000 gal. Unisol acid. Test.

Well flowed back 30 bbl. load oil and acid and died.

Swabbed well dry. Set packer at 5002'. Put well on

pump. Pump back load acid. Making some gas. TSTM.

Well temporarily shut in.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Production Superintendent

DATE March 22, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

MAR 23 1965

*See Instructions on Reverse Side

J. L. GORDON
ACTING DISTRICT ENGINEER

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

Westates Petroleum Company

3. ADDRESS OF OPERATOR

Box 55, Jal, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
1650' fr. N. & 660' fr. W. SW $\frac{1}{4}$ of NW $\frac{1}{4}$ Sec. 1-25S-37EAt proposed prod. zone ~~3200' to 5100'~~

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles NE of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST 660' from W.

PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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.)

DF. - 3129'

22. APPROX. DATE WORK WILL START*

Jan. 1, 1965

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	5 $\frac{1}{2}$ "	14#	3407'	
	Liner 4" OD.	10.46#	3200' to 5100'	

T.D. 5100' Producing from Glorietta 4900'-04'; 4913'-19'; 4922'-24'; 4930'-36';
4948'-60'; 4968'-80'; 4824'-32'.

Flowing 1980 MCFFM & 30 BWPM.

Proposed work - Clean out to TP. Perf. Paddock 5043'-5060'; 5068'-76'

2 shots per ft. Acidize & test.

If Paddock proves commercial, set TIW. Production packer
at approx. 5000' and put well on production. Glorietta
perfs. isolated & shut in.

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 Prod. Supt.

DATE 12-15-64

(This space for Federal or State office use)

PERMIT NO.

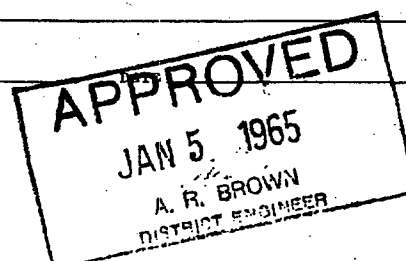
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator Westates Petroleum Company			Lease Carlson B 1		Well No. 2
Unit Letter E	Section 1	Township 25S	Range 37E	County Lea	
Actual Footage Location of Well: 1650 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3129	Producing Formation Glorietta		Pool North Justis		Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X 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 Prod. Supt.
Company Westates Petroleum Co.
Date December 15, 1964

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 3-15-55
Registered Professional Engineer and/or Land Surveyor Charles F. Miller
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NUMBER OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COM SION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Westates Petroleum Company				L 1963 JUL 12 PM 3:12 Carlson B 1		Well No. 2	
Unit Letter E	Section 1	Township 25S	Range 37E	County Lea			
Pool North Justis Glorietta				Kind of Lease (State, Fed, Fee) Federal			
If well produces oil or condensate give location of tanks			Unit Letter E	Section 1	Township 25S	Range 37E	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Texas New Mexico Pipe Line Company				Address (give address to which approved copy of this form is to be sent) Box 1510, Midland, Texas			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/> El Paso Natural Gas Company			Date Con- nected 3-5-63	Address (give address to which approved copy of this form is to be sent) Box 1492, El Paso, Texas			

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 Ownership ☐
Change in Transporter (check one)
Oil ☐ Dry Gas ☐
Casing head gas ☐ Condensate ☐
Other (explain below)
Well placed in pool.

Remarks

Commission Order No. R-2507

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 11th day of July, 19 63.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

File

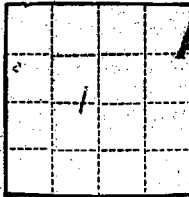
Production Superintendent

Company

Westates Petroleum Company

Address

Box 55, Jal, New Mexico



APPROVED

(SUBMIT IN TRIPLICATE)

UNITED STATES

APR 1 1963 DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY.

E. G. HUBBLE
ACTING DISTRICT ENGINEER

Land Office Las Cruces
Lease No. 032579(e)
Unit 10850

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 4, 1963

Carlson
Well No. B 1#2 is located 1650 ft. from N line and 660 ft. from W line of sec. 1
SW 1/4 of NW 1/4, Sec. 1 25S 37E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Langlin, Dattix Justis Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3129 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Perforated 2/per ft. 4900-04'; 4913-19'; 4922-24'; 4930-36';
4948-60'; 4968-80'. Acidized w/500 gal HA & 3000 gal. NE.
Swabb 10 BOPF.

Perforated 2/per ft. 4324-32'. Acidized w/500 gal HA & 3000
gal. NE. Swabb 3 bbl. per hr., show of oil. Frac w/5000 gal.
frac acid & 5000# sand. Swabbed 12 to 14 bbl. hr. 98% water.
Put well on pump.

4-1-63 - Well tested: 10 BOPF
24 BOPF
93.1 MOPF

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Westates Petroleum Company

Address Box 55

Jal., New Mexico

395-2600

By J. C. Schaff

Title Production Superintendent

REQUEST FOR (OIL) - (GAS) ALLOWABLE

~~RECOMPLETION~~
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 QUADRUPPLICATE 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.

Jal., New Mexico

4-4-63

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Westates Petroleum Company
(Company or Operator)

Carlson B.1
(Lease)

Well No. 2, in SW 1/4 NW 1/4

E
Unit Lease

Sec. 1

T. 25S

R. 37E

NMPM,

North Justis

Pool

Lea

County Date 2-1-63

Workover Date 2-27-63

Please indicate location:

Elevation 3129

Total Depth 5100'

PBTD Same

Top Oil/Gas Pay 4700'

Name of Prod. Form. Glorietta

PRODUCING INTERVAL - 4900'-04'; 4922'-24'; 4948'-60'

Perforations 4913'-19'; 4930'-36'; 4968'-80'; 4824'-32' 2/per ft.

Open Hole

Depth

Depth

Casing Shoe 5098'

Tubing 4382'

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls. water in _____ hrs. _____ min. Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 10 bbls. oil, 24 bbls. water in 24 hrs, 0 min. Size None

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): 12,000 gal. reg. acid 5000# sand.

Casing Tubing Date first new
Press. 0 Press. 3000# oil run to tanks 3-13-63

Oil Transporter Texas New Mexico Pipe Line Company

Gas Transporter El Paso Natural Gas Company

Remarks:

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

Approved _____, 19 _____

Westates Petroleum Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____
(Signature)

By: _____

Title Production Superintendent

Send Communications regarding well to:

Title _____

Name Westates Petroleum Company

Address Box 33, Jal., New Mexico

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TRANSPORTER	OIL
	GAS
PRODUCTION 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 Westates Petroleum Company				Lease Carlson B 1		Well No. 2	
Unit Letter E	Section 1	Township 25S	Range 37E	County Lea			
Pool North Justice				Kind of Lease (State, Fed, Fee) Federal			
If well produces oil or condensate give location of tanks			Unit Letter E	Section 1	Township 25S	Range 37E	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Texas New Mexico Pipe Line Company				Address (give address to which approved copy of this form is to be sent) Box 1510, Midland, Texas			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/> El Paso Natural Gas Company			Date Connected *3-5-63	Address (give address to which approved copy of this form is to be sent) Box 1492, El Paso, Texas			

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 Ownership ☐
 Change in Transporter (check one) Other (explain below) ☒
 Oil ☐ Dry Gas ☐
 Casing head gas ☐ Condensate ☐

Remarks
Plugged upper Queen zone. Deepened well & completed in Glorietta.

***Gas originally connected 4-1-55 producing from Queen formation. Re-connected 3-5-63 producing from Glorietta formation using same facilities to El Paso Natural Gas Company.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 11th day of April, 19 63.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

Signature

Production Superintendent

Company

Westates Petroleum Company

Address

Box 55, Jal, New Mexico



"Symbol of Service"

REPORT of SUB-SURFACE DIRECTIONAL SURVEY

WESTATES PETROLEUM CORPORATION
COMPANY

CARLSON B-1 WELL NO. 2
WELL NAME

JAL, NEW MEXICO
LOCATION

JOB NUMBER
WT 2963

TYPE OF SURVEY
COMBINATION

DATE
FEBRUARY 18, 1963

SURVEY BY
Jack B. Jones & Cecil Strasner

OFFICE
Odessa, Texas

STATE OF TEXAS

COUNTY OF ECTOR

Jack B. Jones, being duly sworn, deposes and says that:

He is employed by the EASTMAN OIL WELL SURVEY COMPANY as a well bore surveyor in charge of the following described survey.

And, that under his direction a Combination Oriented and Magnetic Multiple Shot Survey was made on February 18, 1963 by Jack B. Jones, well bore surveyor, EASTMAN OIL WELL SURVEY COMPANY, in a well from surface to 4636.00 feet.

Said well more particularly described by the operator as follows:

NESTATES PETROLEUM CORPORATION
CARLSON E-1 WELL NO. 2
JAL, NE MEXICO

That the attached documents, namely title sheet, one plan and two computation sheets showing True Vertical Depth of 4629.76 feet, the well to be 12.72 feet in a direction of North 83° and 11 minutes West from surface location are a full, true and correct representation of the said survey to the best of his knowledge.

Jack B. Jones
JACK B. JONES

Subscribed and sworn to before me
this 20th day of Feb., 1963.

Francis Thatcher
Francis Thatcher, Notary Public in
and for the County of Ector, State of
Texas.



RECORD OF SURVEY

JOB NO. WT 2963 DATE February 18, 1963

CHECKED BY

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
1	135 00	0° 30'		1 17	N 12 E	1 14		24	
2	260 00	0° 30'		1 09	N 13 E	2 20		49	
3	385 00	0° 45'		1 64	N 09 E	3 82		75	
4	510 00	0° 30'		1 09	N 12 E	4 89		98	
5	635 00	1° 00'	534 97	2 19	N 22 W	6 92		16	
6	760 00	2° 30'		5 45	S 37 E	2 57		3 44	
7	885 00	1° 15'		2 73	S 30 E	1 20		5 80	
8	1010 00	0° 30'		1 09	N 71 E	1 55		3 83	
9	1135 00	0° 45'		1 64	N 83 E	1 75		8 46	
10	1260 00	0° 45'	1259 81	1 64	N 84 E	1 92		10 09	
11	1385 00	1° 45'		3 81	N 46 E	4 57		12 83	
12	1510 00	1° 45'		3 81	EAST	4 57		16 04	
13	1635 00	3° 30'		7 63	N 30 E	11 18		20 46	
14	1760 00	4° 30'		9 81	N 29 E	19 76		25 22	
15	1885 00	2° 00'	1883 99	4 36	N 10 E	24 05		25 98	
16	2010 00	3° 45'		8 18	N 20 E	31 74		28 78	
17	2135 00	3° 15'		7 09	N 59 E	35 39		32 94	
18	2260 00	2° 30'		5 45	N 70 E	37 25		38 06	
19	2385 00	2° 45'		6 00	N 73 E	39 00		43 80	
20	2510 00	2° 15'	2508 16	4 91	N 35 E	43 02		46 62	
21	2635 00	2° 00'		4 36	N 28 W	46 87		44 57	
22	2760 00	2° 00'		4 36	N 55 W	49 37		41 00	
23	2885 00	1° 30'		3 28	N 62 W	50 91		38 10	
24	3010 00	1° 45'		3 81	N 76 W	51 83		34 40	
25	3135 00	2° 15'	3132 82	4 91	N 81 W	52 60		29 59	



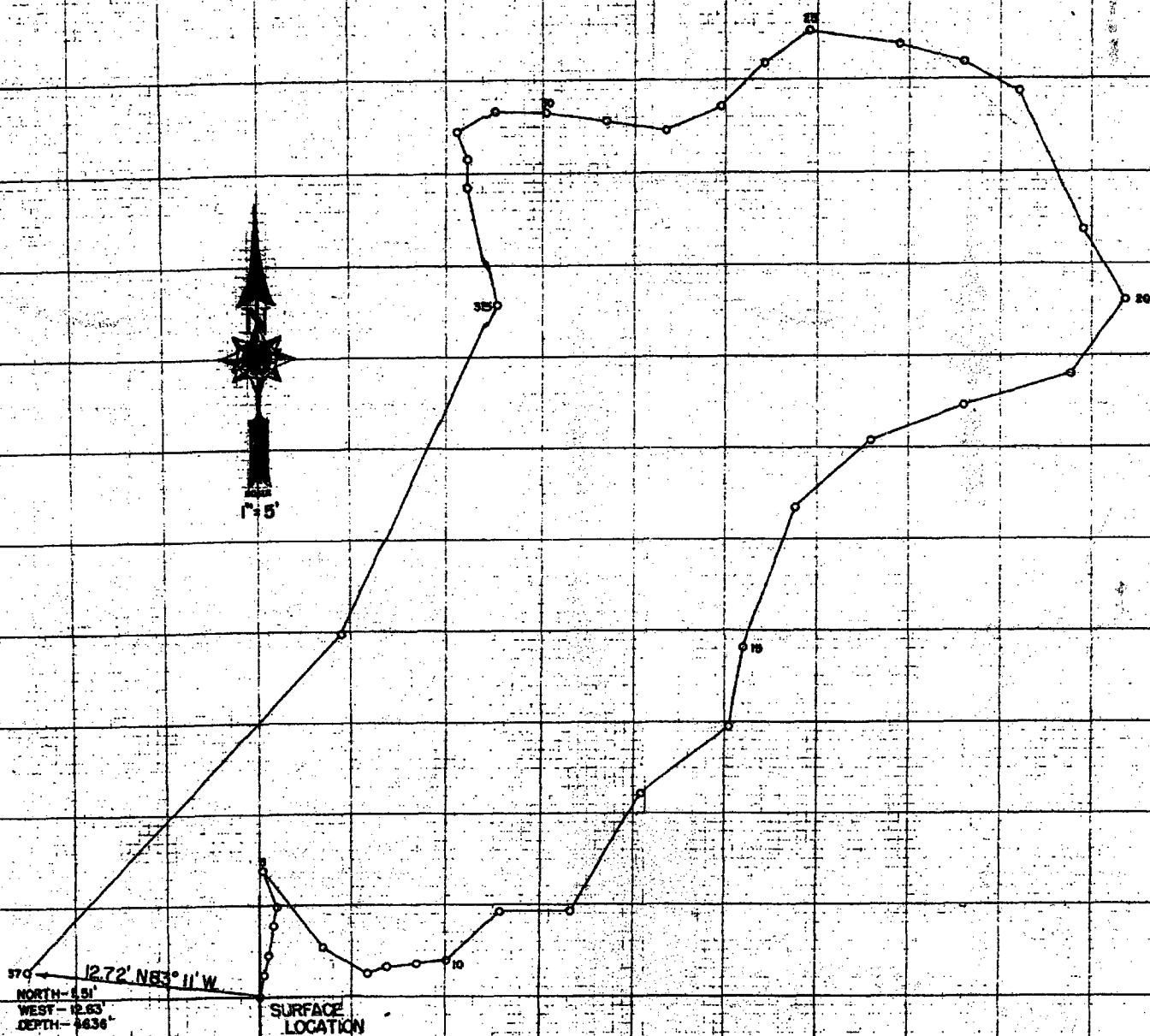
RECORD OF SURVEY

JOB NO. WT 2963 DATE February 18, 1963

CHECKED BY _____

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
26	3260 00	1° 45'		3 81	S 64 W	50 93		26 13	
27	3385 00	1° 15'		2 73	S 31 W	48 59		24 72	
28	3510 00	1° 30'		3 28	S 67 W	47 31		21 70	
29	3635 00	1° 30'		3 28	N 81 W	47 82		18 40	
30	3760 00	1° 30'	3757 62	3 28	N 81 W	48 33		15 22	
31	3385 00	1° 15'		2 73	N 88 W	48 43		12 49	
32	4010 00	1° 00'		2 19	S 58 W	47 27		10 63	
33	4135 00	0° 45'		1 64	S 21 E	45 74		11 22	
34	4260 00	3° 00'		6 54	SOUTH	39 20		11 22	
35	4385 00	3° 00'	4382 23	6 54	S 12 E	32 80		12 58	
36	4510 00	7° 00'		15 24	S 32 W	19 88		4 50	
37	4636 00	11° 30'	4629 76	25 12	S 43 W	1 51			12 63
CLOSURE 12.72' NORTH 83° 11' WEST									

PLAN



JOB NO. - WT 2963

APPROVED

Form 9-381a
(Feb. 1961)

MAR 4 1963

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.4.
Form Approved.Land Office LAS CRUCESLease No. 032579(a)Unit Lease

		1	

E. W. STANDLEY
DISTRICT ENGINEERUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 28, 1963

Well No. B 1 #2 is located 1650 ft. from {N} line and 660 ft. from {W} line of sec. 1

SW 1/4 of NW 1/4 Sec. 1 25S 37E N. M. P. M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Langia Mattix Lee New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3129 ft.

DETAILS OF WORK

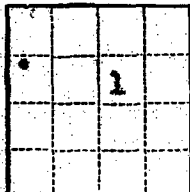
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

T.F. 5100'. Drilled 4 3/4" hole from 3407' to 5100'.
 Ran 4" OP Liner - 88.47' N-80 11.6' on bottom - 1802.7'
 N-80 10.46' on top. 1891' total plus 14' TIW Liner hanger
 and packer. Top liner at 3193' and bottom at 5098'. Ce-
 mented liner with 85 ex. 50-50 pos mix plus 2% gel. Plug
 down 6:30 A. M. 2-27-63. Reversed out 20 ex. cement. WOC.

2-28-63 - Tested top of liner to 3000#. Held o.k.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Westate a Petroleum CompanyAddress Box 53Jal, New Mexico395-2600By Dwight WatsonTitle Division Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 032579(a)
Unit Lease

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 24, 1963

Carlson
Well No. FL-2 is located 1650 ft. from N line and 660 ft. from W line of sec. 1
SW 1/4 of NW 1/4 Sec. 1 253 17E N. M. P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Langlie Mattix Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3129 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Present Status: Producing from Queen Formation 3240-50'; 3258-66'; 3272-76'; 3308-18'; 3332-38'. Flowing 20 BOP & 2190 MCF gas PM.
5 1/2" 14# casing set at 3407'. Deviation at 3374 1 1/2".
Proposed Works: Cement present perms. with 50 sacks. 50-50 poz-mix. WOC.
Drill with 4 3/4 bit to approx. 5000'. Run approx. 1800'
4" or 11.6# CS Hydril casing. Cement with 35 sacks. 50-50 poz-mix. Set TIS liner hanger and packer at approx. 3200'.
WOC 36 hrs. Test liner to 3000'. Complete in Glorietta Gas Zone from approx. 4660' to 4900'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Westates Petroleum CompanyAddress Box 33Jal., New Mexico395-2600By [Signature]Title Division Engineer

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 Westates Petroleum Company Lease Carlson B 1

Well No. 2 Unit Letter E S 1 T 25S R 37E Pool Langlie Mattix

County Lea Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit E S 1 T 25S R 37E

Authorized Transporter of Oil or Condensate Texas New Mexico Pipe Line Company

Address Box 1510, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 1492, El Paso, Texas Date Connected

(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 (x)

Remarks: (Give explanation below)

Change of company name from Hamilton Dome Oil Company, Ltd.
to Westates Petroleum Company.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 18th day of December 19 59

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

By [Signature]

Title _____

By [Signature]

Title Division Supt.

Company Westates Petroleum Company

Address Box 1381, Jal, New Mexico

Phone 5591

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

(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 Hamilton Dome Oil Company, Ltd. Lease Carlson #B17

Well No. 2 Unit Letter E S 1 T 25S R 37E Pool Langlie Mattix

County Lea Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit E S 1 T 25S R 37E

Authorized Transporter of Oil or Condensate Texas New Mexico Pipeline Company

Address Box 1510, Midland, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 1492, El Paso, Texas
(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: Change of company name from Westates Petroleum Corporation to Hamilton Dome Oil Company, Ltd. (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 16th day of September 19 57

By R. B. Benton
Title Division Supt.

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

By [Signature]
Title _____

Company: Hamilton Dome Oil Company, Ltd.

Address Box 1381, Jal, New Mexico

Phone 2611

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032579 (e)
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Westates Petroleum Corporation Address P. O. Box 1381, Jalisco, N.M.
 Lease or Tract Carlson B-1 Field Langita Valley State New Mexico
 Well No. 2 Sec. 2 T. 25 R. 37 Meridian N. 10 P. M. County Lea
 Location 1650 ft. N. of 1/2 of 1/2 Line and 660 ft. E. of 1/2 of 1/2 Line of Section 1 Elevation 3129
 The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.
 Signed [Signature]

Date June 25, 1955Type Deviation Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling March 13, 1955 Finished drilling March 27, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Top Anky. to 938' No. 4, from Top Quenna to 3110'
 No. 2, from Base Salt to 2230' No. 5, from Top Langita to 3220'
 No. 3, from Top Yakes to 2365' No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and joint used	Yield point	Purpose
8-5/8	32#	8	Met 11	1122.70	Plain			Surface
5-1/2	28#	8	Met 11	542.43	Plain			Surface
5-1/2	28#	8	Met 11	397'	Backw. Valve			Producing

MUDGING AND CEMENTING RECORD

Casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	980'	500	Halliburton		
5-1/2	3407'	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shots used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 3407 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 26, 1955 Put to producing April 27, 1955

The production for the first 24 hours was 147.84 barrels of fluid of which 100 % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity 84If gas well, cu. ft. per 24 hours 300/1.26 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. F. Keel, Driller T. E. Bingham, Driller

R. M. Hanson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	Sand & Caliche
60	300	240	Red Bed
300	856	556	Red rock & sand
856	965	109	Red rock & anky.
965	1040	75	Anky.
1040	2230	1190	Anky. & Salt. - Base of Salt
2230	2265	35	Anky.
2265	2369	139	Anky. & Gypsum
2369	2401	32	Anky. & Shale
2401	2571	170	Anky. & Shale
2571	2603	32	Anky. & Gyp. & Shale
2603	2814	211	Anky. & Gyp.
2814	2849	35	Anky. & Gyp. & Lime
2849	2952	103	Anky. & Gyp.
2952	2983	31	Anky. & Gyp. & Lime
2983	3038	55	Lime & Gyp.
3038	3072	34	Lime
3072	3117	45	Anky. & Lime
3117	3411	294	Lime 2- Total Depth

(OVER)

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "backtracked" or left in the well, give the size and location. If the well has been dynamited, give date, size, position, and number of shots. If piers or bridges were put in to fast for water, state kind of material used, position; and results of pumping or hauling.

Spudded March 23, 1955, making 1st rotary hole. Set 989' of 8-5/8" casing at 980'; 422.70' of 8 5/8" 32# J-55 Csg. and 546.43' of 8 - 5/8" 24# J-55 Csg. Cemented casing 400 sacks cement around bottom and 100 sacks cement from top, total 500 sks. Tested csg. with 1000# pressure with no loss for 30 minutes. Drilled out making 7 7/8" rotary hole to 3407', T.D.

Run Mott's C. Gamma Ray-Neutron log from T. B. to surface, depth 3377' of new 5-1/2" 14# J-55, 8rd T & C Sals. csg. at 3407'. Cemented with 300 sacks cement, 200 sacks 45 gal and 100 sacks neat, Halliburton method, shoe and float collar. Tested csg. with 1000# pressure with no loss for 30 minutes. Perforated casing at 3240' and at 3242 hours cement time from 3240-50'; 3258'-64'; 3272-76'; 3308-18'; 3328-3354'; 3 shots per foot. Sandfraced using 20,000 gal frac oil and 20,000 pounds sand. MN net produce any new oil. Run spinner survey - Dowell method. Determined fluid loss above 3300'. Run packer to 3300'. Sandfraced using 20,000 gal. frac oil and 10,000 gal sand, produced 120.18 bbls. in 19 hours 30 minutes with packer set at 3300'.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... Westates Petroleum Corporation Lease..... Carlson B. 1

Address..... P. O. Box 1381 - Jal., New Mexico 391 Sutter Street, San Francisco 8, Calif.
(Local or Field Office) (Principal Place of Business)

Unit..... E. Well(s) No. 2 , Sec. 1 , T. 25S , R. 37E , Pool..... Langlie-Mattix

County..... Lea Kind of Lease: Federal

If Oil well Location of Tanks..... Near center of NW 1/4 of Section 1, 25S, 37E.

Authorized Transporter..... El Paso Natural Gas Company Address of Transporter.....

Jal., New Mexico El Paso Natural - El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of ~~100%~~ Natural Gas to be Transported..... 100% Other Transporters authorized to transport Oil ~~or Natural Gas~~

from this unit are..... Texas-New Mexico Pipe Line Company - Midland, Texas

100 %

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☒ CHANGE IN OWNERSHIP..... ☐

CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☐

REMARKS:

This well was hooked into El Paso Natural Gas' line on June 14, 1955.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the..... 15th day of..... June 19..... 55

WESTATES PET. CORP.

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... [Signature]

By..... Title..... Div. Supt.

Title

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Westates Petroleum Corp. Lease Carlson B. 1

Address Box 1381 Jal, N.M. 391 Sutter St., San Francisco, Calif.
(Local or Field Office) (Principal Place of Business)

Unit E, Well(s) No. 2, Sec. 1, T. 25S, R. 37E, Pool Undesignated

County Lea Kind of Lease: Federal

If Oil well Location of Tanks Near center of NW 1/4 of Sec. 1, 25S, 37E

Authorized Transporter The Texas New Mexico Pipeline Co. Address of Transporter

El Paso, New Mexico Midland, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are NONE

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☒ OTHER (Explain under Remarks) ☐

REMARKS: This has been approved, but is being re-filed to change
TRANSPORTER.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 24th day of May, 19 55.

WESTATES PETROLEUM CORPORATION

Approved _____, 19 _____

OIL CONSERVATION COMMISSION

By J. W. Benton

By _____ Title Division Superintendent

Title _____

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Western Petroleum Corp. Lease Carlson B 1

Address Box 1381, San Francisco, Calif.
(Local or Field Office) (Principal Place of Business)

Unit E, Well(s) No. 2, Sec. 1, T. 25S, R. 37E, Pool Langle-Hettin

County Lea Kind of Lease: Leasehold

If Oil well Location of Tanks Near center of Sec. 1, 25S, R. 37E

Authorized Transporter The Texas Company Address of Transporter

Midland, Texas Houston, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas

from this unit are None

_____ %

REASON FOR FILING: (Please check proper box)

NEW WELL ☒ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:

There is no gas market available at present.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 29th day of April, 1955.

Approved _____, 19____
WESTERN PETROLEUM Corp.

OIL CONSERVATION COMMISSION

By L. J. Stanley

Title _____

By J. E. Benton

Title Division Superintendent

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Jal, N.M.
(Place)

April 29, 1955
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

~~Westates Petroleum Corp.~~ Carlson B 1, Well No. 2, in SW 1/4 NW 1/4,
(Company or Operator) (Lease)
E, Sec. 1, T. 25E, R. 37E, NMPM, Langlie-Mattix Pool
(Unit)
Lee County. Date Spudded March 12, 1955, Date Completed March 27, 1955.

Please indicate location:

X			

Elevation 3129' Total Depth 3411' P.B. 3397'

Top oil/gas pay 3243' Top of Prod. Form Queens

Casing Perforations: 3243-53'; 3262-70'; 3275-79'; 3311-21';
3335-41' or

Depth to Casing shoe of Prod. String

Natural Prod. Test None BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot Sandfrac 147.84 BOPD

Based on 120.18 bbls. Oil in 19 Hrs. 30 Mins.

Gas Well Potential 800/1 G O R Est

Size choke in inches 32/64" with packer at 3300'

Date first oil run to tanks or gas to Transmission system: April 27, 1955

Transporter taking Oil or Gas: The Texas Company

Casing and Cementing Record

Size Feet Sax

8-5/8	969	400
5-1/2	3397	300

Remarks: No gas connection available.

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

Approved, 19

WESTATES PETROLEUM CORP.

(Company or Operator)

OIL CONSERVATION COMMISSION

By: S. J. Stanley

Title

By: J. E. Benton
(Signature)

Title: Div. Supt.

Send Communications regarding well to:

Name: J. E. Benton

Address: P. O. Box 1381 - Jal, N.M.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 032579 (a)Unit Lease

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Mar. 10, 1955

Well No. B-1 no. 2 is located 1650 ft. from N line and 660 ft. from E line of sec. 1SW 1/4 of NW 1/4 of Sec. 1 25 S. 37 E. N. M. P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Langlie-Mattix (Extension) Lea N. M.
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 3129 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill a well, using rotary tools, to 3,500' or exposing the Queens Sand to production test. The proposed casing program is approx. 900' of 8-5/8" 24# new csg., J-55 smls., or anchoring in solid anhydrite; cementing with 300 sks. cement, or circulation to the cellar. To set approx. 3450' of 5 1/2" J-55 new 14.00# smls. csg. using 300 sks. cement or to the base of salt. To run temperature log to determine top of cement on production string, to run gamma-ray neutron log to total depth and to complete by perforating casing and sandfrac methods. To produce in accord with State and Federal Regulations.

Permission is herewith requested to produce this well upon satisfactory completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WESTATES PET. CORP.Address P. O. Box 1381Jal., N. M.Ph. 2611By J. L. BentonTitle Div. Supt.

COUNTY	LEA	FIELD	JUL 15 North	STATE	NM	OWI	Q
OPR	WESTATES PETROLEUM COMPANY						MAP
2 Carlson "B-1"							CO-ORD
Sec. 1, T-25-S, R-37-E							
1650' fr N Line & 660' fr W Line of Sec.							
Re-Spd 1-10-65							
Re-Cmp 1-14-65							
CSG & SX - TUBING		CLASS		EL		TYPE	
		FORMATION	DATUM	FORMATION	DATUM		
8 5/8" 980' 500							
5 1/2" 3407' 300							
4" lnr 3193-3100' 85							
LOGS EL GR RA IND HC A		TD 5100' PBD 5098'					

TEMPORARILY ABANDONED

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CONT.	PROP DEPTH	TYPE
DATE		

4-12-65 F.R.C. 4-15-63 TD 5100'
Elev. 3137' 12' 311g.
Orig. comp from Glorieta perfs 4824-4980'.
TD 5100', PBD 5098', COMPLETED.
CO to 5098'
Perf (Paddock) 5048-50', 5058-76' W/2 SPF
Ac. 500 gals (MA)
Ac. 3000 gals
Flwd 30 BLO-M & died.
Swbd dry.
Set Pkr @ 5000'.
Pmpd back load, making some gas, TSTM.
(Glorieta perfs packed off)

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 728
Order No. R-586

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
AMENDING, REVISING OR ABROGATING
EXISTING RULES AND REGULATIONS OF
THE OIL CONSERVATION COMMISSION,
AND/OR PROMULGATING RULES AND
REGULATIONS, RELATING TO GAS POOL
DELINEATION, GAS PRORATION, AND
OTHER RELATED MATTERS, AFFECTING
OR CONCERNING THE TUBB, BYERS-
QUEEN, AND JUSTIS GAS POOLS, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on June 16, 1954, July 15, 1954, August 18, 1954 and September 16, 1954, at Santa Fe, New Mexico, and on October 20, 1954 at Hobbs, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 11th., day of April, 1955, the Commission, a quorum being present, having considered the records, evidence and testimony adduced and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That under date of January 1, 1950, the Commission issued its Order No. 850 creating the Justis Gas Pool, and that said Order No. 850 defined the horizontal and vertical limits thereof. That on February 17, 1953, the Commission issued Order No. R-264 creating the Tubb and Byers-Queen Gas Pools, and defining the horizontal and vertical limits of said gas pools. That by Order No. R-264 and subsequent orders the Commission extended the horizontal and vertical limits of the Justis Gas Pool. That by Order R-407 the vertical limits of the Tubb Gas Pool were extended.

(3) That under date of September 28, 1953, the Commission issued its Orders Nos. R-373, R-375, and R-376 and under date of November 10, 1953, the Commission issued its Orders Nos. R-373-A, R-375-A and R-376-A, providing rules, definitions and procedures to be followed in prorating gas in the Tubb, Justis, and Byers-Queen gas pools, respectively; and by subsequent orders issued after due notice and hearing, the Commission allocated production of gas in said pools commencing January 1, 1954.

(4) That the Tubb, Byers-Queen and Justis Gas Pools are separate gas reservoirs and should be defined vertically and horizontally as set forth in this order.

(5) That the producing capacity of the gas wells in the Tubb, Byers-Queen and Justis Gas Pools is greater than the market demand for gas from each of such pools.

(6) That in order to prevent waste it is necessary to allocate and prorate the gas production among the gas wells in the Tubb, Byers-Queen, and Justis Gas Pools in accordance with provisions of this order.

(7) That the protection and proper recognition of correlative rights as such rights are defined by Section 26 (h) Chapter 168, New Mexico Session Laws of 1949, require that the gas production from the Tubb, Byers-Queen and Justis Gas Pools be prorated, in accordance with the terms and provisions of this order.

(8) That the Rules and Regulations hereinafter set forth in this order are in all respects in the interests of conservation and provide for the allocation of the allowable production among the gas wells in the Tubb, Byers-Queen and Justis Gas Pools upon a reasonable basis and give appropriate recognition to correlative rights.

(9) That no evidence was presented to justify a change in the size of the standard gas well unit in the Tubb, Byers-Queen, or Justis Gas Pools from 160-acres.

(10) That in order to prevent waste and protect correlative rights, the special rules contained in this order should be adopted to govern the production from wells completed or recompleted in such a manner that the bore hole of the well is open in more than one common source of supply.

(11) That in order to prevent waste a "no-flare" rule should be adopted to prohibit the flaring, venting, or wasting of natural gas or any other type of gas in any of the gas pools referred to and affected by this order.

IT IS THEREFORE ORDERED:

(1) That the Tubb Gas Pool heretofore created, shall have vertical limits which extend from a point 100 feet above the "Tubb Marker" to a point 225 feet below the "Tubb Marker", as said marker is designated in Order R-464. The horizontal limits of the Tubb Gas Pool shall be the area as described in Exhibit "A", attached hereto and made a part hereof.

(2) That the Byers-Queen Gas Pool, heretofore created, shall have vertical limits which include all of the Queen formation. The horizontal limits of the Byers-Queen Gas Pool shall be the area as described in Exhibit "B", attached hereto and made a part hereof.

(3) That the Justis Gas Pool, heretofore created, shall have vertical limits which extend from the top of the Glorieta formation to a point 200 feet immediately below the Glorieta datum. The horizontal limits of the Justis Gas Pool shall be the area as described in Exhibit "C", attached hereto and made a part hereof.

(4) That special pool rules applicable to the Tubb Gas Pool be, and the same hereby are promulgated as follows:

**SPECIAL RULES AND REGULATIONS
FOR THE TUBB GAS POOL**

Well Spacing and Acreage Requirements for Drilling Tracts.

RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Tubb Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Tubb Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Tubb Gas Pool.

RULE 2. Each well drilled or recompleted within the Tubb Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or subdivision inner boundary line. Any well drilled to and producing from the Tubb Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.

RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorthodox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after proper notice and hearing.

RULE 4. The provisions of Statewide Rule 104, Paragraph (k), shall not apply to the Tubb Gas Pool located in Lea County, New Mexico.

GAS PRORATION

RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Tubb Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;

(b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule. Non-standard gas proration units of more than 160 acres may be formed only after notice and hearing by the Commission.

(d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;

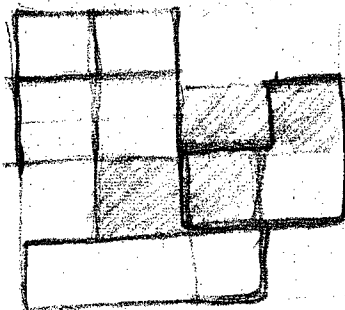
1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.

2. The non-standard gas proration unit lies wholly within a single governmental section.

3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Tubb Gas Pool.

4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.

5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.



RULE 6. (a) ~~The Commission after notice and hearing, shall consider the nominations of gas purchasers from the Tubb Gas Pool and other relevant data and shall fix the allowable production of the Tubb Gas Pool.~~

RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a "supplemental" nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Tubb Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month,
- (b) A tabulation of the net allowable, and production for the second preceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month.

- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well ~~well~~ together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Tubb Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Tubb Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Tubb Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Tubb Gas 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. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a. m., January 1, and 7:00 a. m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal

well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5, whichever date is the later.

RULE 13. The monthly gas production from each well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the gas produced.

Each purchaser or taker of gas in the Tubb Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

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Such report shall be filed on either Form C-111 or Form C-114 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-111 and C-114 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used on the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable; further, the production of intermediate or low-pressure gas derived from the staging of the well fluids need not be charged against the well's gas allowable, provided that said intermediate or low-pressure gas is utilized in accordance with the provisions of Order R-464.

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Tubb Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Tubb Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" all operators shall strictly comply with the provisions of Rule 104, paragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

PROVIDED FURTHER, That special pool rules applicable to the Byers-Queen Gas Pool be, and the same hereby are promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE BYERS-QUEEN GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts.

RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Byers-Queen Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Byers-Queen Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Byers-Queen Gas Pool.

RULE 2. Each well drilled or recompleted within the Byers-Queen Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or sub-division inner boundary line. Any well drilled to and producing from the Byers-Queen Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.

RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorthodox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after

RULE 4. The provisions of Statewide Rule 104, Paragraph (k), shall not apply to the Byers-Queen Gas Pool located in Lea County, New Mexico.

GAS PRORATION

RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Byers-Queen Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;

(b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (b) of this Rule. Non-standard gas proration units of more than 160 acres may be formed only after notice and hearing by the Commission.

(d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;

1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.

2. The non-standard gas proration unit lies wholly within a single governmental section.

3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Byers-Queen Gas Pool.

4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.

5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.

6. In lieu of sub-paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary-Director of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 6. (a) The Commission after notice and hearing, shall consider the nominations of gas purchasers from the Byers-Queen Gas Pool and other relevant data and shall fix the allowable production of the Byers-Queen Gas Pool.

RULE 7. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period, by months, from the Byers-Queen Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste within the ensuing proration period. "Preliminary Nominations" shall be submitted on a form prescribed by the Commission.

RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a "supplemental" nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Byers-Queen Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

"Supplemental Nominations" shall be submitted on a form prescribed by the Commission.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month,
- (b) A tabulation of the net allowable, and production for the second preceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month,

- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Byers-Queen Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Byers-Queen Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Byers-Queen Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Byers-Queen Gas 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. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a. m., January 1, and 7:00 a. m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5.

RULE 13. The monthly gas production from each well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the gas produced.

Each purchaser or taker of gas in the Byers-Queen Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

Such report shall be filed on either Form C-111 or Form C-114 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-111 and C-114 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used in the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable.

DEFINITIONS

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Byers-Queen Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Byers-Queen Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" all operators shall strictly comply with the provisions of Rule 104, paragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

PROVIDED FURTHER, That special pool rules applicable to the Justis Gas Pool be, and the same hereby are promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE JUSTIS GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts.

RULE 1. Any well drilled a distance of one mile or more outside the boundary of the Justis Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile outside the boundary of the Justis Gas Pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Justis Gas Pool.

RULE 2. Each well drilled or recompleted within the Justis Gas Pool on a standard proration unit after the effective date of this rule shall be drilled not closer than 660 feet to any boundary line of the tract nor closer than 330 feet to a quarter-quarter section line or subdivision inner boundary line. Any well drilled to and producing from the Justis Gas Pool prior to the effective date of this order at a location conforming to the spacing requirements effective at the time said well was drilled shall be considered to be located in conformance with this rule.

RULE 3. The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rule 2 without notice and hearing where a verified application therefor has been filed in due form and the necessity for the unorthodox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all operators within a 1980-foot radius of the subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all operators within such radius, together with a stipulation that proper notice has been given said operators at the addresses given. The Secretary-Director of the Commission shall wait at least 20 days before approving any such unorthodox location, and shall approve such unorthodox location only in the absence of objection of any offset operators. In the event an operator objects to the unorthodox location the Commission shall consider the matter only after proper notice and hearing.

RULE 4. The provisions of Statewide Rule 104, Paragraph (k), shall not apply to the Justis Gas Pool located in Lea County, New Mexico.

GAS PRORATION

RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Justis Gas Pool, a standard proration unit shall consist of between 158 and 162 contiguous surface acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;

(b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(c) A non-standard gas proration unit of less than 160 acres may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule. Non-standard gas proration units of more than 160 acres may be formed after notice and hearing by the Commission.

(d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without Notice and Hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;

1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.

2. The non-standard gas proration unit lies wholly within a single governmental section.

3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Justis Gas Pool.

4. The length or width of the non-standard gas proration unit does not exceed 2640 feet.

5. The applicant presents written consent in the form of waivers from (a) all operators owning interests in the quarter-section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.

6. In lieu of sub-paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 6. (a) The Commission after notice and hearing, shall consider the nominations of gas purchasers from the Justis Gas Pool and other relevant data and shall fix the allowable production of the Justis Gas Pool.

RULE 7. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period, by months, from the Justis Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste within the ensuing proration period. "Preliminary Nominations" shall be submitted on a form prescribed by the Commission.

RULE 8. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a supplemental nomination, showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Justis Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

"Supplemental Nominations" shall be submitted on a form prescribed by the Commission.

Included in the monthly proration schedule shall be:

- (a) A summary of the total pool allocation for that month showing nominations, and adjustments made for under- or overage applied from a previous month,
- (b) A tabulation of the net allowable, and production for the second preceding month together with a cumulative overage or underage computation,
- (c) A tabulation of the current and net allowables for the preceding month,

- (d) A tabulation of current monthly allowables for the ensuing proration month,
- (e) A tabulation of the acreage assigned each well together with a tabulation of the acreage factor assigned each well. For the purpose of allocation a proration unit of 160 acres shall be assigned an acreage factor of 1.00; a proration unit of 80 acres a factor of 0.50, etc.

The allowable assigned to any well capable of producing its normal gas allowable in the Justis Gas Pool shall be the same proportion of the total remaining allowable allocated to said pool after deducting allowables of marginal wells that the number of acres contained in the gas proration unit for that well bears to the acreage contained in all gas proration units assigned to non-marginal wells in the Justis Gas Pool.

The Commission shall include in the proration schedule the gas wells in the Justis Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of the Justis Gas 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. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased by Commission order or as otherwise provided in this order the increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following approval of such increase by the Commission.

BALANCING OF PRODUCTION

RULE 9. Underproduction: The dates 7:00 a.m., January 1, and 7:00 a.m., July 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size, the marginal well shall be reclassified as a non-marginal well and its allowable adjusted accordingly.

If during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Proration Manager may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 10. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in until it is in balance.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 11. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 12. Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and the plat described above, or the date of application for a non-standard gas proration unit as provided in Rule 5.

RULE 13. The monthly gas production from each well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the gas produced.

Each purchaser or taker of gas in the Justis Gas Pool shall submit a report to the Commission so as to reach the Commission on or before the 20th day of the month next succeeding the month in which the gas was purchased or taken.

Such report shall be filed on either Form C-111 or Form C-114 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule.

Forms C-111 and C-114 referred to herein shall be submitted in duplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copy being sent to Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas; provided, however, that gas used on the lease for consumption in lease houses, treaters, compressors, combustion engines and other similar lease equipment shall not be charged against the well's allowable.

RULE 14. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 15. No gas, either dry gas or casinghead gas, produced from the Justis Gas Pool shall be flared or vented.

PROVIDED FURTHER, After the effective date of this order no well shall be completed or recompleted in such a manner that the producing zone of the Justis Gas Pool and the producing zone of any other common source of supply are both open in the same well bore unless specifically authorized by order of the Commission after notice and hearing. Dual completions may be effected in accordance with the provisions of Rule 112-A of the Commission's Rules and Regulations.

Any well presently completed in such a manner that the well bore is open to more than one common source of supply shall be assigned to the applicable pool by the Commission staff. Any operator of any well completed in such a manner shall submit to the Commission office at Hobbs, New Mexico, all pertinent well completion data on Form C-105, together with electric logs, sample logs, drill stem test records, etc. All data shall be submitted in duplicate on or before May 15, 1955. Failure of any operator to submit the required data will result in cancellation of Form C-110 and subsequent cancellation of allowables.

If the operator is not satisfied with the well's assignment he may apply for a hearing on the matter in accordance with Commission Rule 1203.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" all operators shall strictly comply with the provisions of Rule 111 paragraph (e).

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Proration Manager shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

EXHIBIT "A"

Horizontal limits of the Tubb Gas Pool

TOWNSHIP 21 SOUTH, RANGE 37 EAST

All of Secs. 3, 9, 10, 15, 16, 17
All of Secs. 20 to 23, and 26 to 29 incl.
SW/4, & Lots 3, 4, 5, 6, 11, 12, 13, 14 of Sec. 2
SE/4, & Lots 1, 2, 7, 8, 9, 10, 15, 16 of Sec. 4
E/2 of Sec. 8
W/2 of Sec. 11
W/2 of Sec. 14
E/2 of Sec. 19
W/2 of Sec. 25
E/2 of Sec. 30
E/2 of Sec. 31
All of Secs. 32 to 36 incl.

TOWNSHIP 22 SOUTH, RANGE 37 EAST

All of Secs. 1 to 5 incl.
E/2 Sec. 6
All Secs. 8 to 16 incl.
E/2 Sec. 21
All Secs. 22 to 25 incl.

TOWNSHIP 22 SOUTH, RANGE 38 EAST

W/2 Sec. 6
W/2 Sec. 7
W/2 Sec. 18
All Secs. 19 & 30

EXHIBIT "B"

Horizontal limits of the Byers-Queen Gas Pool

TOWNSHIP 18 SOUTH, RANGE 38 EAST

All Secs. 29 to 32 incl.

EXHIBIT "C"

Horizontal limits of the Justis Gas Pool

TOWNSHIP 25 SOUTH, RANGE 37 EAST

SW/4 Sec. 1

SE/4 Sec. 2

E/2 Sec. 11

W/2 Sec. 12

All Sec. 13

E/2 Sec. 14

E/2 Sec. 23

W/2 Sec. 24

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 728
Order No. R-586-A

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
AMENDING, REVISING OR ABROGATING
EXISTING RULES AND REGULATIONS OF
THE OIL CONSERVATION COMMISSION
AND/OR PROMULGATING RULES AND
REGULATIONS RELATING TO GAS POOL
DELINEATION, GAS PRORATION, AND
OTHER RELATED MATTERS, AFFECTING
OR CONCERNING THE TUBB, BYERS-
QUEEN AND JUSTIS GAS POOLS, LEA
COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER OF THE COMMISSION

BY THE COMMISSION:

It appearing to the Commission that Order R-586, dated April 11, 1955, does not define the horizontal limits of the Justis Gas Pool in a manner which indicates the true horizontal extent of that pool, the Commission

FINDS:

That Exhibit "C" of said order should be revised to redefine the horizontal limits of the Justis Gas Pool.

IT IS THEREFORE ORDERED:

That Order R-586, as the same appears in the records of the Commission, and the original of said order, be amended in the following respects and particulars:

That Exhibit "C" of Order R-586, be changed to read as follows:

EXHIBIT "C"

Horizontal Limits of the Justis Gas Pool:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SW/4 Section 1
SE/4 Section 2
E/2 Section 11
W/2 Section 12

EXHIBIT "C" (continued)

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM (continued)

W/2 Section 13

E/2 Section 14

E/2 Section 23

All Section 24

IT IS FURTHER ORDERED:

That the corrections and changes set forth in this order be entered nunc pro tunc as of April 11, 1955, the date of said Order R-586.

DONE at Santa Fe, New Mexico, on this 18th day of May, 1955.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1221
Order No. R-586-B

APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR
AN ORDER AMENDING THE SPECIAL RULES
AND REGULATIONS FOR THE TUBB GAS POOL
TO MAKE PROVISION IN SAID RULES FOR
THE REGULATION OF OIL WELLS COMPLETED
WITHIN THE DEFINED LIMITS OF SAID POOL;
AND FURTHER, TO CONSIDER THE DELETION
OF THAT PORTION OF ORDER R-586 WHICH
RELATES TO THE BYERS-QUEEN GAS POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 14, 1957, May 16, 1957 and again on July 17, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th day of September, 1957, the Commission, a quorum being present, having considered the testimony and evidence adduced 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 several wells have been completed within the defined limits of the Tubb Gas Pool which are capable of producing liquid hydrocarbons with gravities in the range which is commonly accepted to be that of crude petroleum oil, and that such wells should be classified as oil wells.

(3) That to classify, space, and prorate the aforesaid wells as though they were gas wells could be unfair to the royalty owners in the Tubb Gas Pool.

(4) That an oil well in the Tubb Gas Pool should be defined as a well which produces liquid hydrocarbons possessing a gravity of 45° API or less.

(5) That an oil well in the Tubb Gas Pool should have dedicated thereto a proration unit consisting of 40 acres, more or less, being a governmental quarter-quarter section legal subdivision of the United States Public Land Surveys.

(6) That no acreage should be simultaneously dedicated to an oil well and to a gas well in the Tubb Gas Pool.

(7) That the limiting gas-oil ratio for oil wells in the Tubb Gas Pool should be 2000 cubic feet of gas for each barrel of oil produced.

(8) That the Special Rules and Regulations for the Byers-Queen Gas Pool as set forth in Order R-586 should be deleted since the production from the said Byers-Queen Gas Pool is no longer of sufficient consequence to warrant its continued prorationing.

IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations for the Tubb Gas Pool, as set forth in Order R-586, be and the same are hereby amended to include the following rules:

SPACING AND OPERATION OF OIL WELLS

RULE 16. An oil well in the Tubb Gas Pool shall be defined as a well which produces hydrocarbons possessing a gravity of 45° API or less.

RULE 17. An oil well in the Tubb Gas Pool shall have dedicated thereto a proration unit consisting of 40 acres, more or less, being a governmental quarter-quarter section legal subdivision of the United States Public Land Surveys.

RULE 18. No acreage shall be simultaneously dedicated to an oil well and to a gas well in the Tubb Gas Pool.

RULE 19. The limiting gas-oil ratio for oil wells in the Tubb Gas Pool shall be 2000 cubic feet of gas for each barrel of oil produced.

(2) That the Special Rules and Regulations for the Byers-Queen Gas Pool, as set forth in Order R-586, be and the same are hereby deleted effective September 30, 1957.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1293
Order No. R-586-C

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR AN ORDER AMENDING
THE SPECIAL RULES AND REGULATIONS
FOR THE JUSTIS GAS POOL IN LEA
COUNTY, NEW MEXICO AS SET FORTH
IN ORDER R-586, R-586-A AND R-586-B,
AS AMENDED BY ORDER R-967, TO PROVIDE
FOR 320-ACRE GAS PRORATION UNITS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 15, 1957, and again on September 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 3rd day of October, 1957, the Commission, a quorum being present, having considered the application and the evidence adduced 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 the Commission by Order R-586 dated April 11, 1955, established 160-acre spacing for the Justis Gas Pool.
- (3) That the applicant, Amerada Petroleum Corporation, has proved by the evidence in this case that one well will drain 320 acres in the Justis Gas Pool.
- (4) That at present, the Justis Gas Pool has not been so far developed as to prevent the adoption of 320-acre spacing in said pool.
- (5) That the adoption of 320-acre spacing in the Justis Gas Pool will not cause waste nor impair correlative rights.

(6) That the adoption of 320-acre spacing in the Justis Gas Pool will prevent the drilling of unnecessary wells in said pool.

IT IS THEREFORE ORDERED:

(1) That any well which was projected to or completed in the Justis Gas Pool prior to the effective date of this order be and the same is hereby granted an exception to Rule 5 hereinafter set forth.

(2) That an increase in the acreage dedicated to any such excepted well shall become effective the first day of the month following receipt by the Commission of Form C-128, Well Location and Acreage Dedication Plat, provided said Form C-128 indicates that the acreage dedicated to such well has been increased in conformance with the Special Rules and Regulations for the Justis Gas Pool.

(3) That Rule 5 of the Special Rules and Regulations for the Justis Gas Pool be and the same is hereby superseded by the following rule:

SPECIAL RULES AND REGULATIONS FOR THE
JUSTIS GAS POOL

RULE 5. (a) The acreage allocated to a gas well for proration purposes shall be known as the Gas Proration Unit for that well. For the purpose of Gas Allocation in the Justis Gas Pool, a standard proration unit shall consist of between 316 and 324 contiguous surface acres, substantially in the form of a rectangle which shall be a legal subdivision (half section) of the U. S. Public Land Surveys with a well located at least 660 feet from the nearest property lines;

(b) The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to the area of 320 acres. Any gas proration unit containing between 316 and 324 acres shall be considered to contain 320 acres for the purpose of computing allowables.

(c) A non-standard gas proration unit may be formed after notice and hearing by the Commission, or by administrative approval under the provisions of Paragraph (d) of this Rule.

(d) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 5 (a) without notice and hearing where a verified application has been filed in due form and where the following facts exist and the following provisions are complied with;

1. The proposed non-standard proration unit consists of less than 320 acres or where the unorthodox size or shape of the tract is due to a variation in legal subdivision of the U. S. Public Land Surveys.

2. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.

3. The non-standard gas proration unit lies wholly within a single governmental section.

4. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Justis Gas Pool.

5. The length or width of the non-standard gas proration unit does not exceed 5280 feet.

6. The applicant presents written consent in the form of waivers from (a) all operators owning interests in section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit, and (b) all operators owning interests within 1500 feet of the well to which such gas proration unit is proposed to be allocated.

7. In lieu of sub-paragraph 6 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 728
Order No. R-586-D

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR AN ORDER EXTENDING THE
VERTICAL LIMITS OF THE JUSTIS GAS
POOL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 13, 1958, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of November, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced 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 the applicant, El Paso Natural Gas Company, requested that Case No. 728 be dismissed without prejudice.

IT IS THEREFORE ORDERED:

That Case No. 728 be and the same is hereby dismissed without prejudice.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

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

**CASE NO. 728
Order No. R-586-E**

**APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR AN ORDER REVISING AND
AMENDING ORDER NO. R-586 TO PROVIDE
FOR AN EXTENSION OF THE VERTICAL
LIMITS OF THE JUSTIS GAS POOL IN LEA
COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 14, 1959, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 12th day of February, 1959, the Commission, a quorum being present, having considered the application and the evidence adduced 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 the present vertical limits of the Justis Gas Pool, as established by Order No. R-586, extend from the top of the Glorieta formation to a point 200 feet immediately below the Glorieta datum.
- (3) That the applicant, El Paso Natural Gas Company, proposes that the vertical limits of the Justis Gas Pool be redefined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3050, Subsea datum -1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 330 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea datum -1799) in said McBuffington Well No. 8.

(4) That the evidence presented in this case established that the vertical limits should be redefined as proposed by the applicant.

(5) That the perforations in the two following-described wells in the Justis Gas Pool extend below the proposed vertical limits, and therefore these wells should be plugged back so that they will be open only within the established vertical limits of said pool:

Gulf Oil Corporation Ramsey "F" Well No. 3,
NW/4 NE/4 of Section 36

Westates Carlson Federal "A" Well No. 1,
NW/4 SE/4 of Section 25

both in Township 25 South, Range 37 East,
NMPM, Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(1) That the vertical limits of the Justis Gas Pool be and the same are hereby redefined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea datum -1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 330 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea datum -1799) in said McBuffington Well No. 8.

(2) That the following-described wells shall, within 90 days after the effective date of this order, be plugged back so that they are open only within the established vertical limits of the Justis Gas Pool:

Gulf Oil Corporation Ramsey "F" Well No. 3,
NW/4 NE/4 of Section 36.

Westates Carlson Federal "A" Well No. 1,
NW/4 SE/4 of Section 25

both in Township 25 South, Range 37 East,
NMPM, Lea County, New Mexico.

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Case No. 728

Order No. R-586-E

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 728
Order No. R-586-F

APPLICATION OF HAMILTON DOME OIL
COMPANY, LTD., FOR AN EXCEPTION TO
THE REQUIREMENTS OF ORDER NO.
R-586-E FOR A WELL IN THE JUSTIS GAS
POOL, LEA COUNTY, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 22, 1959, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 13th day of May, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 the applicant, Hamilton Dome Oil Company, Ltd., is the operator of the Westates Carlson Federal "A" Well No. 1, located in the NW/4 SE/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the perforations in the said Westates Carlson Federal "A" Well No. 1 extend below the vertical limits of the Justis Gas Pool as established by Order No. R-586-E.

(4) That Order No. R-586-E required that the said Westates Carlson Federal "A" Well No. 1 be plugged back so as to be open only within the established vertical limits of the Justis Gas Pool.

(5) That the applicant seeks an exception to this "plug-back" requirement for its said Westates Carlson Federal "A" Well No. 1.

(6) That there is little likelihood that allowing the said Westates Carlson Federal "A" Well No. 1 to remain open below the established vertical limits of the Justis Gas Pool will result in waste.

Case No. 728

Order No. R-586-F

(7) That due to the nature of the completion of the said Westates Carlson Federal "A" Well No. 1, there is a reasonable probability that any attempt to plug back this well so that it will be open only within the defined vertical limits of the Justis Gas Pool would result in waste.

IT IS THEREFORE ORDERED:

That the applicant's Westates Carlson Federal "A" Well No. 1, located in the NW/4 SE/4 of Section 25, Township 25 South, Range 37 East, NMPPM, Lea County, New Mexico, be and the same is hereby exempt from the provision in Order No. R-586-E requiring it to be plugged back so as to be open only within the defined vertical limits of the Justis Gas Pool.

DONE at Santa Fe, New
designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 2832
ORDER NO. R-2507

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CHANGING
VERTICAL LIMITS, AND EXTENDING
CERTAIN POOLS IN EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION

This cause came on for hearing at 9 o'clock a.m., on June 19, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 21st day of June, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Estacado-Pennsylvanian Pool. Said Estacado-Pennsylvanian Pool was discovered by Union Oil Company of California, State No. 1-17, located in Unit A of Section 17, Township 14 South, Range 35 East, NMPM. It was completed in Pennsylvanian on April 16, 1963. The top of the perforations is at 11,478 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of

High Plains-Pennsylvanian Pool. Said High Plains-Pennsylvanian Pool was discovered by Texas Crude Oil Company and Sinclair Oil & Gas Company, State No. 1-23, located in Unit M of Section 23, Township 14 South, Range 34 East, NMPM. It was completed in Pennsylvanian on April 10, 1963. The top of the perforations is at 10,463 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Strawn (Pennsylvanian) formation, said pool to bear the designation of Hope-Strawn Gas Pool. Said Hope-Strawn Gas Pool was discovered by Sunray DX Oil Company, New Mexico State "AH" No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, NMPM. It was completed in Strawn (Pennsylvanian) on January 12, 1963. The top of the perforations is at 7326 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of North Justis-Glorieta Pool. Said North Justis-Glorieta Pool was discovered by Westates Petroleum Company, Carlson B-1 No. 2, located in Unit E of Section 1, Township 25 South, Range 37 East, NMPM. It was completed in Glorieta on March 13, 1963. The top of the perforations is at 4900 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Vacuum-Pennsylvanian Pool. Said Vacuum-Pennsylvanian Pool was discovered by Socony Mobil Oil Company, Inc., State Bridges No. 96, located in Unit H of Section 26, Township 17 South, Range 34 East, NMPM. It was completed in Pennsylvanian on March 3, 1963. The top of the perforations is at 11,372 feet.

(7) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Milnesand-San Andres Pool. Said West Milnesand-San Andres Pool was discovered by Cactus Drilling Company, Bolles No. 1, located in Unit H of Section 20, Township 8 South, Range 34 East, NMPM. It was completed in San Andres on April 22, 1963. The top of the perforations is at 4554 feet.

(8) That there is need for the consolidation of the West Pearl-Queen Pool and the Pearl-Queen Pool, Lea County, New Mexico, inasmuch as the pools produce from the same formations, said consolidation to be accomplished by abolishment of the West Pearl-

Queen Pool and extension of the Pearl-Queen Pool.

(9) That there is need for the extension of the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to thereby include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East.

(10) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Jackson-Abo Pool, the East Millman Queen-Grayburg Pool, the East Millman-Seven Rivers Pool, the Red Lake (Grayburg-San Andres) Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the North Bagley-Wolfcamp Pool, the Lane-Pennsylvanian Pool, the Lusk-Strawn Pool, the Oil Center-Blinbry Pool, and the Vacuum-Abo Reef Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Estacado-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM
Section 17: NE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the High Plains-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 23: SW/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production, is hereby created and designated as the Hope-Strawn Gas Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
Section 30: All

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production, is hereby created and designated as the North Justis-Glorieta Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 1: NW/4

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Vacuum-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 26: NE/4

(f) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the West Milnesand-San Andres Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM

Section 20: NE/4

(g) That the West Pearl-Queen Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 25: SW/4

Section 36: W/2

is hereby abolished.

(h) That the Pearl-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 25: SW/4

Section 36: W/2

(i) That the North Bagley-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 23: SW/4

(j) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 28: S/2 SE/4

(k) That the Jackson-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 22: NW/4 SE/4

(l) That the Lane-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 23: NE/4

Section 24: W/2

Section 25: NW/4

(m) That the Lusk-Strawn Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM

Section 30: NW/4

(n) That the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 24: NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM

Section 6: SW/4

Section 7: NW/4 and N/2 SW/4

(o) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 22: SE/4 NE/4 and N/2 NE/4

Section 23: NW/4

(p) That the Oil Center-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 4: Lots 2 and 7

Section 5: Lots 1 and 2

Section 9: NE/4

(q) That the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 16: NE/4

Further extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to include the Queen formation underlying Unit H of Section 9 and Unit E of Sections 14 and 15, all in Township 17 South, Range 28 East.

(r) That the Vacuum-Abo Reef Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 26: NW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 12: N/2 NE/4 and NW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 6: SE/4 NE/4

(s) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 20: W/2
Section 29: W/2 and SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, change of vertical limits, and extensions included herein shall be July 1, 1963.

Case No. 2832

Order No. R-2507

DONE at Santa Fe, New Mexico, on the day and year herein-
above 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

iqg/

CASE No. 1937
Order No. R-1670

VI. SPECIAL RULES AND REGULATIONS FOR THE JUSTIS GAS POOL

(The Justis Gas Pool was created January 1, 1950, and gas proration was instituted January 1, 1954. The standard proration unit was changed from 160 acres to 320 acres October 3, 1957.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 5(A): A standard gas proration unit in the Justis Gas Pool shall be 320 acres.

C. ALLOCATION AND GRANTING ALLOWABLES

RULE 8(A): The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the Pool.

RULE 8(B): Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110 and a plat (Form C-128), or the date of application for a non-standard gas proration unit as provided in Rule 5-C, of the General Rules.

H. MISCELLANEOUS SPECIAL POOL RULES

RULE 25(A): The vertical limits of the Justis Gas Pool shall be defined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea Datum - 1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 350 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea Datum - 1799) in said McBuffington Well No. 8.

RULE 25(B): The Hamilton Dome Westates Carlson Federal "A" Well No. 1, located in the NW/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as the completion existed on April 22, 1959, shall be considered to be completed within the vertical limits of the Justis Gas Pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING CALLED BY
THE OIL CONSERVATION COMMISSION ON ITS
OWN MOTION TO RESCIND ORDER NO. R-1670,
TO RECODIFY AND AMEND THE GENERAL RULES
FOR PRORATED GAS POOLS, AND AMEND THE
SPECIAL RULES FOR PRORATED GAS POOLS

CASE NO. 8749
Order No. R-8170

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 19, 1985, and January 7 and February 26, 1986, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th day of March, 1986, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises.

FINDS THAT:

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

(2) The application in the instant case seeks to rescind Order No. R-1670, as amended, to recodify and amend the General Rules and Regulations for the Prorated Gas Pools contained therein and to amend the special gas proration rules for the Atoka-Pennsylvanian, Blinebry, Buffalo Valley-Pennsylvanian, Burton Flat-Morrow, Burton Flat-Strawn, South Carlsbad-Morrow, Catclaw Draw-Morrow, Crosby-Devonian, Eumont, Indian Basin-Morrow, Indian Basin-Upper Pennsylvanian, Jalmat, Justis-Glorieta, Monument McKee-Ellenburger, and Tubb Gas Pools of Lea, Eddy and Chaves Counties, and the special gas proration rules for the Basin-Dakota, Blanco-Mesaverde, South Blanco-Pictured Cliffs, and Tapacito-Pictured Cliffs Gas Pools of San Juan, Sandoval and Rio Arriba Counties.

(3) Order No. R-1670, entered May 20, 1960, consolidated special gas proration rules for thirteen prorated pools in Northwest and Southeast New Mexico, into a set of general rules for prorated gas pools in each geographic area and established special rules for individual pools.

See Also R-8170-A: Amending Rules 10(a), 11(a) and 11(b)

(4) From time to time, said Order No. R-1670 has been amended, at least 28 times, adding or deleting pools from prorationing and amending general and special rules.

(5) The multiple changes made since 1960 are difficult to follow in reading said amended order.

(6) The original order and most of the amendments were written at a time when demand for gas from prorated gas pools was increasing.

(7) Since 1982, demand for gas from such pools has declined, often precipitously.

(8) To make said general and special rules more readable, more responsive to changing market conditions, and more uniform, the Director of the Oil Conservation Division (Division) established a State/Industry Gas Proration Rules Study Committee in early 1984.

(9) Said study committee and various ancillary committees met from time to time and formed recommendations which were received at public hearing on November 19, 1985, and January 7 and February 26, 1986.

(10) Based upon the report of the Committee and other evidence received at said hearings recodified and new general rules and special rules for prorated gas pools in New Mexico should be adopted as shown on Exhibit "A" and Exhibit "B", respectively, attached to this order.

(11) Division Form C-121-A, Purchasers Gas Nomination, should be revised as shown on Exhibit "C", attached to this order, in order to reflect changes in said general rules.

(12) Order No. R-1670, as amended, should be rescinded.

(13) The effective date of this order should coincide with the beginning of the next gas proration period, April 1, 1986.

(14) Adoption of said revised and new rules and rescission of Order No. R-1670, as amended, and revision of Form C-121-A will serve to prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) General Rules for the Prorated Gas Pools of New Mexico are hereby adopted as shown on Exhibit "A" attached to and made a part of this order.

(2) The General Rules for the prorated gas pools of New Mexico contained in said Exhibit "A" shall be applicable to the following gas pools:

Northwest New Mexico

Basin-Dakota Gas Pool	South Blanco-Pictured Cliffs Gas Pool
Blanco-Mesaverde Gas Pool	Tapacito-Pictured Cliffs Gas Pool

Southeast New Mexico

Atoka-Pennsylvanian Gas Pool	Blinebry Oil and Gas Pool
Buffalo Valley-Pennsylvanian Gas Pool	Burton Flat-Morrow Gas Pool
Burton Flat-Strawn Gas Pool	South Carlsbad-Morrow Gas Pool
Catclaw Draw-Morrow Gas Pool	Crosby-Devonian Gas Pool
Eumont Gas Pool	Indian Basin-Morrow Gas Pool
Indian Basin-Upper Pennsylvanian Gas Pool	Jalmat Gas Pool
Justis Gas Pool	Monument McKee-Ellenburger Gas Pool
Tubb Oil & Gas Pool	

(3) Special rules for individual prorated gas pools in New Mexico are hereby adopted as shown on Exhibit "B" attached to and made a part of this order.

(4) Order No. R-1670, as amended, is hereby rescinded.

(5) Division Form C-121-A is hereby revised as shown on Exhibit "C" attached to this order.

(6) The effective date of this order and of the general and special rules and the order rescission contained herein shall be April 1, 1986.

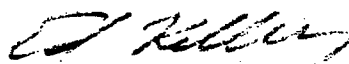
(7) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.


-4-
Case No. 8749
Order No. R-8170

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JIM BACA, Member


ED KELLEY, Member


R. L. STAMETS,
Chairman and Secretary

S E A L

GENERAL RULES FOR THE PRORATED
GAS POOLS OF NEW MEXICO

(See Special Pool Rules in each pool for rules applicable to those pools only. Special Pool Rules will be found in the same sequence as in the General Section, and unless the special rules conflict with the general rule, the general rule is applicable.)

APPLICATION OF THESE RULES: Any well drilled to the producing formation of a gas pool regulated by this order and within said pool or within one mile outside the boundary of that pool, and not nearer to nor within the boundaries of another designated pool producing from the same formation, shall be spaced, drilled, operated, and prorated in accordance with these rules or the special rules in effect in that pool.

RULE 1 DEFINITIONS

ACREAGE FACTOR: A GPU's Acreage Factor shall be determined to the nearest hundredth of a unit by dividing the acreage assigned to the GPU by a number equal to the number of acres in a standard GPU for such pool. However, the acreage tolerance provided in Rule 2(a)2 shall apply.

AD FACTOR: Acreage times Deliverability Factor is calculated in pools where acreage and deliverability are proration factors. The product obtained by multiplying the acreage factor by the calculated deliverability (expressed as MCF per day) for that GPU shall be known as the AD factor for that GPU. The AD factor shall be computed to the nearest whole unit.

BALANCING DATE: The date 7:00 a.m. April 1 of each year shall be known as the balancing date, and the twelve months following this date shall be known as the gas proration period.

GAS POOL: Any pool which has been designated as a gas pool by the Division after notice and hearing.

GAS PRORATION UNIT (GPU): The acreage allocated to a well, or in the case of an infill well or wells to a group of wells, for purposes of spacing and proration shall be known as the gas proration unit (GPU).

GPUs may be either of a standard or non-standard size as provided in these rules.

CASE 8749
ORDER R-8170
EXHIBIT "A"

GAS TRANSPORTER: The term gas transporter as used in these rules shall mean any taker of gas either at the wellhead, at any other point on the lease, or at any other point authorized by the Division where connection is made for gas transportation or utilization (other than that necessary for maintaining the producing ability of the well).

GAS PURCHASER: The term gas purchaser as used in these rules shall mean the purchaser (where ownership of the gas is first exchanged by the producer to the purchaser for an agreed value) of the gas from a gas well or GPU. In the event that two or more purchasers purchase from a particular gas well or GPU, the gas purchaser shall be the purchaser of the largest percentage of interest in the gas well or GPU.

HARDSHIP GAS WELL: A gas well wherein underground waste will occur if the well should be shut-in or curtailed below its minimum sustainable flow rate. No well shall be classified as a hardship gas well except after notice and hearing or upon appropriate administrative action of the Division.

INFILL WELL: An additional producing well on a GPU which serves as a companion well to an existing well on the GPU.

MARGINAL GPU: A proration unit which is incapable of producing a non-marginal allowable based on pool allocation factors. Marginal units do not accrue over- or under-production.

NON-MARGINAL GPU: A proration unit receiving an allowable based upon pool allocation factors. Non-marginal proration units accrue over- or underproduction.

OVERPRODUCTION: The volume of gas produced on a GPU in any month in excess of the assigned non-marginal allowable (does not include gas used in maintaining the producing ability of the well(s) of the GPU). Overproduction accumulates month to month during the proration period.

PRORATED GAS POOL: A prorated gas pool is a gas pool in which, after notice and hearing, the production is allocated by the Division in accordance with these general rules and any applicable special pool rules.

PRORATION PERIOD: The twelve-month period beginning April 1 of each year shall be the gas proration period.

UNDERPRODUCTION: The volume of assigned non-marginal allowable not produced on a GPU. Underproduction accumulates month to month during the proration period.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a)1 STANDARD GAS PRORATION UNIT SPACING: (See Special Pool Rules for applicable size of proration units.) Unless otherwise specified by the Special Pool Rules, 160-acre units shall comprise a single governmental quarter-section; 320-acre units shall comprise two contiguous quarter-sections being the N/2, S/2, E/2, or W/2 of a single governmental section; and a 640-acre unit shall comprise a single governmental section.

* RULE 2(a)2 STANDARD GPU SIZE AND VARIANCE: A standard GPU shall consist of contiguous surface acreage and shall be substantially in the form of a square in pools having 160 acre or 640 acre standard GPUs, and in the form of a rectangle in pools having 320 acre standard GPUs, and shall be a legal subdivision of the U.S Public Land Surveys (quarter-section, half-section, or section, as applicable). Any GPU containing acreage within the appropriate tolerance limit shown below shall be considered to contain the number of acres in a standard GPU for the purpose of computing allowables.

STANDARD PRORATION UNIT

160 acres
320 acres
640 acres

ACREAGE TOLERANCE
FOR STANDARD UNIT

158-162 acres
316-324 acres
632-648 acres

RULE 2(a)3 NON-STANDARD PRORATION UNIT APPROVAL PROCEDURE AT DISTRICT LEVEL: The District Supervisor of the appropriate district office of the Division shall have the authority to approve a non-standard GPU as an exception to Rule 2(a)2 without notice and hearing when the unorthodox size or shape of the GPU is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard GPU is not less than 75% nor more than 125% of a standard GPU.

The District Supervisor of the appropriate district office of the Division may approve the non-standard GPU by:

1) Accepting a plat showing the proposed non-standard GPU and the acreage to be dedicated to the non-standard GPU and,

- 2) Assigning an allowable to the non-standard GPU.

RULE 2(a)4 NON-STANDARD PRORATION UNIT APPROVAL
PROCEDURE AT DIRECTOR LEVEL: The Director of the Division may grant an exception to the requirements of Rule 2(a)2 when the unorthodox size or shape of the GPU is necessitated by a variation in the legal subdivision of the U.S. Public Land Surveys and the non-standard GPU is less than 75% or more than 125% of a standard GPU, or where the following facts exist and the following provisions are complied with:

- 1) The non-standard GPU consists of quarter-quarter sections or lots that are contiguous by a common bordering side.

- 2) The non-standard GPU lies wholly within a governmental subdivision or subdivisions which would be a standard GPU for the well (quarter-section, half-section, or section) but contains less acreage than a standard GPU.

- 3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter-section, half-section, or section (for 160-acre, 320-acre, 640-acre standard dedications respectively) in which the non-standard GPU is situated and which acreage is not included in said non-standard GPU.

- 4) In lieu of Paragraph (3) of this rule, the applicant may furnish proof of the fact that all of the aforesaid offset operators were notified by registered or certified mail of his intent to form such non-standard GPU. The Director may approve the application if no such operator has entered an objection to the formation of such non-standard GPU within 20 days after Director has received the application.

RULE 2(b) WELL LOCATION: Each well drilled or completed on a spacing and proration unit governed by these rules, including approved non-standard GPUs, shall be located as provided below:

(1) NORTHWEST NEW MEXICO

STANDARD PRORATION UNIT

160 acres

LOCATION REQUIREMENTS

Not closer than 790 feet to the outer boundary of the tract, nor closer than 130 feet to any quarter-quarter

section or subdivision inner boundary.

320 acres

Not closer than 790 feet to the outer boundary of the quarter-section upon which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.

(2) SOUTHEAST NEW MEXICO

STANDARD PRORATION UNIT

LOCATION REQUIREMENTS

160 acres

Not closer than 660 feet to any outer boundary of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

320 acres

Not closer than 660 feet to any side boundary (long dimension) or 1980 feet to any end boundary (short dimension) of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

640 acres

Not closer than 1650 feet to the outer boundary of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

RULE 2(c) UNORTHODOX WELL LOCATION: The Division Director shall have authority to grant an exception to the well location requirements of Rule 2(b) above without notice and hearing when the necessity for such unorthodox location is based upon topographic conditions or the recompletion of a well previously drilled to a deeper horizon, provided said well was drilled at an orthodox or approved unorthodox location for such original horizon.

Applications for administrative approval of unorthodox locations shall be filed in duplicate (original to Santa Fe

and one copy to the appropriate Division District Office) and shall be accompanied by plats showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon. If the proposed unorthodox location is based on topography, the plat shall also show and describe the existent topographic conditions.

The Division Director shall have authority to grant an exception to the well location requirements for wells in Southeast New Mexico on 320 acre spacing without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions provided that any such unorthodox location shall be no closer than 660 feet to the nearest side boundary nor closer than 990 feet to the nearest end boundary of the GPU.

If the proposed unorthodox location is based upon geology, the application shall include appropriate geologic maps, cross-sections, and/or logs, and discussion of the geologic conditions which result in the necessity for the unorthodox location.

All operators of proration or spacing units offsetting the unorthodox location on the two GPU boundaries and two GPU corners closest to the unorthodox well location shall be furnished a copy of the application by certified or registered mail, and the application shall state that such notification has been given. The Division Director may approve the unorthodox location upon receipt of waivers from all such offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Director has received the application.

The Division Director may, at his discretion, set any application for administrative approval of an unorthodox location for public hearing.

B. NOMINATIONS AND PRORATION SCHEDULE

RULE 3(a) GAS PURCHASERS OR GAS TRANSPORTERS SHALL NOMINATE: Each month each gas purchaser or each gas transporter as herein provided shall file with the Division its nomination for the amount of gas which it actually in good faith desires to purchase during the ensuing proration month from each gas pool regulated by this order. The purchaser may delegate the nomination responsibility to the transporter by notifying the Division's Santa Fe office. One copy of such nomination for each pool shall be submitted to the Division's Santa Fe office on Form C-121-A by the

first day of the month during which the Division will consider at its allowable hearing the nominations for the succeeding month. The Division shall consider at its monthly gas allowable hearing the nominations of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste during the ensuing month.

RULE 3(b)1 SCHEDULE: The Division will issue a proration schedule setting out the amount of gas which each GPU may produce during such ensuing month, along with such other information as is necessary to show the allowable-production status of each GPU on the schedule.

RULE 3(b)2 PRORATION OF ALL GAS WELLS WITHIN A POOL: The Division shall include in the proration schedule the gas wells in the gas pools regulated by this order delivering to a gas transporter, and shall include in the proration schedule 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.

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 4 FILING OF FORM C-102 AND FORM C-104 REQUIRED: No GPU shall be assigned an allowable prior to receipt of Form C-102 (Well Location and Acreage Dedication Plat) and the approval date of Form C-104 (Request for Allowable and Authorization to Transport Oil and Natural Gas).

RULE 5 HOW ALLOWABLES ARE CALCULATED: The total allowable to be allocated to each gas pool regulated by this order each month shall be equal to the sum of all gas purchasers' nominations for that pool, together with any adjustment which the Division deems advisable. A monthly allowable shall be assigned to each GPU entitled to an allowable by allocating the pool allowable among all such GPUs in that pool in accordance with the procedure set forth in these rules.

RULE 5(a)1 MARGINAL GPU ALLOWABLE: The monthly allowable to be assigned to each marginal GPU shall be equal to its latest available monthly production.

RULE 5(a)2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner (See Special Pool Rules):

(1) In pools where acreage is the only proration factor, the remaining allowable shall be allocated to each GPU in the proportion that each GPU acreage factor bears to the total acreage factor for all non-marginal GPUs.

(2) In pools where acreage and deliverability are proration factors:

- a) A percentage as set forth in Special Pool Rules, of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool; and
- b) The pool allowable remaining to be assigned to non-marginal GPUs shall be allocated among each GPU in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 5(b)1 NEW CONNECTS ASSIGNMENT OF ALLOWABLES:
Allowables to newly completed gas wells shall commence:

(A) In pools where acreage is the only proration factor, on the date of first delivery of gas to a gas transporter as demonstrated by an affidavit furnished by the transporter to the appropriate Division district office, or the approval date of Form C-102 and Form C-104, whichever is later; or,

(B) In pools where acreage and deliverability are proration factors:

1) An acreage factor allowable will be assigned the later of:

- a) The date of first delivery of gas to a gas transporter as demonstrated by an affidavit furnished by the transporter to the appropriate Division district office.
- b) The approval date of Form C-102 and Form C-104.

2) A deliverability factor allowable will be assigned the later of:

- a) The date of first delivery.
- b) 90 days prior to the date of receipt of the deliverability test report at the appropriate Division district office.

RULE 5(b)2 NEW CONNECT MAXIMUM PRODUCING PERIOD: No well located in a pool where deliverability is an allowable factor shall be permitted to produce more than 120 days after the date of first delivery without a deliverability test. Any well shut in for failure to file a deliverability test may be assigned producing authorization by the Division district office for purposes of conducting such test. Except as provided in Rule 9, all production following connection including the volume of test production shall be charged against the GPU's regular allowable when assigned. Any resulting allowable assigned shall be effective on the day that the delinquent deliverability test is received in the appropriate Division district office.

RULE 6 GAS CHARGED AGAINST GPU'S ALLOWABLE: Except as provided in the Special Pool Rules, the volume of produced gas sold or beneficially used other than lease fuel from each GPU shall be charged against the GPU's allowable; however, the gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 7 CHANGE IN ACREAGE: If, during a proration month, the acreage assigned to a GPU is changed, the operator shall during such month notify the appropriate Division district office in writing of such change by filing a revised plat (Form C-102). The revised allowable assigned the GPU shall be effective on the first day of the month following receipt of the notification.

RULE 8 MINIMUM ALLOWABLES: After notice and hearing, the Division may assign minimum allowables in order to prevent the premature abandonment of wells. (See Special Pool Rules for minimum allowable amount.)

RULE 9(a) DELIVERABILITY TESTS: In pools where acreage and deliverability are proration factors, deliverability tests taken in accordance with Division rules shall be used in calculating allowables for the succeeding proration period. Deliverability shall be determined in accordance with the provisions of the appropriate test manual (See Manual of Gas Well Testing Rules and Procedures).

RULE 9(b) DELIVERABILITY FOR RECOMPLETION/WORKOVER/

RETEST: A change in a well's deliverability due to retest after recompletion or workover shall become effective the later of:

(1) the date of redelivery of gas after workover, such date to be determined from Form C-104 (Request for Allowable and Authorization to Transport Oil and Natural Gas) as filed by the operator; or

(2) 90 days prior to the date of receipt of the appropriate deliverability test report form at the appropriate Division district office.

A change in a well's deliverability due to any other retest shall become effective on the first day of the month following the month during which the retest is received in the appropriate Division district office.

RULE 9(c) EXCEPTIONS TO DELIVERABILITY TESTS: The Director of the Oil Conservation Division shall have authority to allow exceptions to the deliverability test requirement for wells on marginal GPUs where the deliverability of a well is of such volume as to have no significance in the determination of the GPU's allowable. Application for such exception may be submitted by the operator of the well and, if granted, may be revoked by the Director at any time by requesting the well to be scheduled and tested in accordance with the current "Gas Well Testing Rules and Procedures".

RULE 9(d) WELLS EXEMPT FROM TESTING-SAN JUAN BASIN: A well automatically becomes exempt from testing if the GPU's average monthly production does not exceed or the GPU is not capable of producing 250 MCF per month for Pictured Cliffs Formation wells and 2,000 MCF per month for deeper formations. (See "Gas Well Testing Rules and Procedures".)

D. BALANCING OF PRODUCTION

RULE 10(a) UNDERPRODUCTION: Any non-marginal GPU which has an underproduced status as of the end of a gas proration period shall be allowed to carry such underproduction forward into the next gas proration period and may produce such underproduction in addition to the allowable assigned during such succeeding period. Any underproduction carried forward into a gas proration period and remaining unproduced at the end of such gas proration period shall be cancelled.

*Rules 10(a)(1)) added by R-8170-A
10(a)(2))*

RULE 10(b) BALANCING UNDERPRODUCTION: Production during any one month of a gas proration period in excess of the allowable assigned to a GPU for such month shall be applied against the underproduction carried into such period in determining the amount of allowable, if any, to be cancelled.

RULE 11(a) OVERPRODUCTION: Any GPU which has an overproduced status as of the end of a gas proration period shall carry such overproduction forward into the next gas proration period. Said overproduction shall be made up by underproduction during the succeeding gas proration period. Any GPU which has not made up the overproduction carried into a gas proration period by the end of said period shall be shut in until such overproduction is made up.

Rule 11(a) and 11(a)(2) Added by R-8170-A

RULE 11(b) SIX-TIMES OVERPRODUCED: If it is determined that a GPU is overproduced in an amount exceeding six times its average monthly allowable for the preceding twelve months (or, in the case of a newly connected well, a well in a newly prorated pool or a well recently reclassified as non-marginal, six times its average monthly non-marginal allowable for the months available), it shall be shut in until its overproduction is less than six times its average monthly allowable, as determined hereinabove.

Rule 11(b)(1) and 11(b)(2) Added by 8170-A

RULE 11(c) EXCEPTION TO SHUT-IN FOR OVERPRODUCTION: The Director of the Oil Conservation Division shall have authority to permit a GPU which is subject to shut-in, pursuant to Rules 11(a) or 11(b) above, to produce up to 250 MCF of gas per month upon proper showing to the Director that complete shut-in would cause undue hardship, provided however, such permission may be rescinded for any GPU produced in excess of the monthly rate authorized by the Director.

RULE 11(d) BALANCING OVERPRODUCTION: Allowable assigned to a GPU during any one month of a gas proration period in excess of the production for the same month shall be applied against the overproduction chargeable to such GPU in determining the amount of overproduction which must be made up pursuant to the provisions of Rule 11(a) or 11(b) above.

RULE 11(e) EXCEPTION TO BALANCING OVERPRODUCTION: The Director may allow overproduction to be made up at a lesser rate than permitted under Rules 11(a), 11(b), or 11(d) above upon a showing at public hearing that the same is necessary to avoid material damage to the well.

RULE 11(f) HARDSHIP GAS WELLS: If a GPU containing a hardship gas well is overproduced, the operator must take the necessary steps to reduce production in order to reduce the overproduction.

Any overproduction existing at the time of designation of a well as a hardship gas well or accruing to the GPU thereafter shall be carried forward until such time as it is made up by underproduction.

No GPU containing a hardship gas well, which GPU is overproduced, shall be permitted to produce at a rate higher than the minimum producing rate authorized by the Division.

RULE 11(g) MORATORIUM ON SHUT-INS: The Director shall have authority to grant a pool-wide moratorium of up to three months as to the shutting in of gas wells in a pool during periods of high demand emergency upon proper showing that such emergency exists, and that a significant number of the wells in the pool are subject to shut-in pursuant to the provisions of Rules 11(a), 11(b), or 11(f) above. No moratorium beyond the aforementioned three months shall be granted except after notice and hearing.

G. CLASSIFICATION OF GPUS

RULE 12(a) CLASSIFICATION PERIOD: The proration period shall be divided into three classification periods of four months each, commencing April 1, August 1, and December 1.

RULE 12(b) RECLASSIFICATION BY THE DIRECTOR: The Director of the Oil Conservation Division may reclassify a marginal or non-marginal GPU at any time the GPU's production data, deliverability data, or other evidence as to the GPU's producing ability justifies such reclassification.

The Director may suspend the reclassification of GPUs which would be effective on August 1 and December 1 on his own initiative or upon proper showing by an interested party, should it appear that such suspension is necessary to permit underproduced GPUs, which would otherwise be reclassified, a proper opportunity to make up such underproduction.

RULE 13(a) RECLASSIFICATION TO MARGINAL: After the production data is available for the last month of each classification period, any GPU which had an underproduced status at the beginning of the proration period may be

classified marginal if its highest single month's production during the classification period is less than its average monthly allowable during such period; however, the operator of any GPU so classified, or other interested party, shall have 30 days after receipt of notification of marginal classification in which to submit satisfactory evidence to the Division that the GPU is not of marginal character and should not be so classified.

RULE 13(b) CANCELLATION OF UNDERPRODUCTION ON MARGINAL GPUS: A GPU which is classified as marginal shall not be permitted to accumulate underproduction, and any underproduction accrued to a GPU prior to its classification as marginal shall be cancelled.

RULE 14(a) RECLASSIFICATION TO NON-MARGINAL: If, at the end of any month, a marginal GPU has produced more than the total allowable for the month which would have been assigned if such GPU had been classified non-marginal, the marginal GPU shall be reclassified as a non-marginal GPU.

RULE 14(b) REINSTATEMENT OF STATUS: An operator of a GPU being reclassified as non-marginal which GPU was classified marginal at the end of the classification period may have eligible underage reinstated and its net status adjusted accordingly by demonstrating that the GPU could have produced a non-marginal allowable prior to its reclassification. (If the GPU had been classified as marginal for one proration period only, or a portion of one proration period only, any underproduction cancelled as the result of such classification shall be reinstated.) All uncompensated-for overproduction accruing to the GPU while marginal shall be chargeable upon reclassification to non-marginal.

F. REPORTING OF PRODUCTION

RULE 15(a) 'C-111 REPORT (GAS TRANSPORTER'S MONTHLY REPORT): Each gas transporter in each of the designated gas pools regulated by this order shall submit a report, as required by General Rule 1111, to the Division so as to reach the Division on or before the 15th day of the month next succeeding the month in which the gas was taken. Such report shall be filed on Form C-111 with the wells being listed in approximately the same order as they are listed on the proration schedule. Form C-111 referred to herein shall be submitted in triplicate, the original being sent to the Division's Santa Fe office; the second copy to the Hobbs district office; and the third copy, if needed for wells in

such district, to either the Artesia or Aztec district office as appropriate.

RULE 15(b) C-115 REPORT (OPERATOR'S MONTHLY REPORT):
All producers shall report gas well production in accordance with Rule 1115 of the Division's general rules.

RULE 15(c) REPORTING OF PRODUCTION (DAYS CRITERIA):
Upon approval by the Director of the Oil Conservation Division as to the specific program to be used, any producer or transporter of gas may be permitted to report metered production of gas on a chart-period basis; provided the following provisions shall be applicable to each gas well:

(1) Reports for a month shall include not less than 24 nor more than 32 reported days.

(2) Reported days may include as many as the last 7 days of the previous month but no days of the succeeding month.

(3) The total of the monthly reports for a year shall include not less than 360 nor more than 368 reported days.

(4) For purposes of these rules, the term "month" shall mean "calendar month" for those reporting on a calendar month basis, and shall mean "reporting month" for those reporting on a chart-period basis in accordance with the exception provided in this rule.

G. GENERAL

RULE 16 FLARED OR VENTED GAS: No gas produced from the gas pools regulated by this order shall be flared or vented.

RULE 17 NON-COMPLIANCE OF RULES AND REGULATIONS:
Failure to comply with the provisions of these rules shall result in the cancellation of allowable assigned to the affected GPU. No further allowable shall be assigned to the affected GPU until all rules and regulations are complied with. The Director shall send written notice to the operator of the GPU and to the purchaser of the date of allowable cancellation and the reason therefor.

RULE 18 GAS WELL DELIVERY NOTICES: All transporters or users of gas shall file gas well delivery notices with the Division within 30 days after the date of first delivery

or redelivery in accordance with the provisions of Rule 4(b).

RULE 19 NOTICE OF MARGINAL WELL SHUT-IN: Transporters shall notify the Director any time it is necessary to shut in marginal wells. Such notice shall be made within 30 days following the end of such month and shall include data as may be required by the Director. This report shall not include wells shut in for required testing, connection of new wells, or wells shut in by the operator.

SPECIAL RULES FOR INDIVIDUAL PRORATED GAS POOLS

SPECIAL RULES AND REGULATIONS FOR THE
BASIN-DAKOTA GAS POOL

THE VERTICAL LIMITS for the Basin-Dakota Gas Pool shall be from the base of the Greenhorn Limestone to a point 400 feet below the base of the said formation and consisting of the Graneros formation, the Dakota formation and the productive upper portion of the Morrison formation.

The Basin-Dakota Gas Pool was created February 1, 1961 and gas proration became effective February 1, 1961.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a) STANDARD GPU (GAS PRORATION UNIT) in the Basin-Dakota Gas Pool shall be 320 acres.

RULE 2(b) WELL LOCATION:

1. THE INITIAL WELL drilled on a GPU shall be located not closer than 790 feet to any outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.

2. THE INFILL WELL drilled on a GPU shall be located in the quarter section of the GPU not containing a Dakota well, and shall be located with respect to the GPU boundaries as described in the preceding paragraph.

No Dakota infill well shall be drilled nearer than 920 feet to an existing Dakota well on the same GPU.

The plat (Form C-102) accompanying the Application for Permit to Drill (OCD Form C-101 or the Federal form) for the subsequent well on a GPU shall have outlined thereon the boundaries of the GPU and shall show the location of all existing Dakota wells on the GPU as well as the proposed new well.

In the event an infill well is drilled on any GPU, both wells shall be produced for so long as it is economically feasible to do so.

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EXHIBIT "B"

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a)2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the

non-marginal GPUs entitled to an allowable in the following manner:

A) Forty percent (40%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.

When calculating the allowable for a GPU containing an infill well, the deliverability of both wells shall be added in calculating the AD Factor and the allowable may be produced from both wells.

B) Sixty percent (60%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned to prevent the premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

Within 90 days after a well first delivers gas to a gas transportation facility, the well shall have been tested as required in the preceding paragraph, and the results of the test filed on the appropriate form in triplicate with the Division's Aztec office and one copy filed with the gas transportation facility to which the well is connected. Failure to file said test within the above-specified 90-day period will subject the well to the loss of one day's allowable for each day the test is late.

1. If the newly first-delivered well is an infill well on a GPU, the old well on the GPU is not required to be tested concurrently with the new well provided it has a valid test on file for the current proration period. Testing of the old well shall continue to follow the regularly assigned test schedule for the pool in which the well is located. The new well is

required to be tested annually until at least three annual tests are on file; and then, the well is to be tested biennially with other wells in the pool.

2. If the old well on the GPU is "Exempt", the old well is to be tested along with the new well for the Initial and Annual Deliverability and Shut-In Pressure Test. The old well will lose its "Exempt" classification and must be tested biennially along with other wells in the pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE BLANCO-MESAVERDE GAS POOL

The VERTICAL LIMITS for the Blanco-Mesaverde Gas Pool shall be as follows:

North and east of a line generally running from the northwest corner of Township 31 North, Range 13 West, San Juan County, New Mexico, to the southwest corner of Township 24 North, Range 1 East, NMPM, Rio Arriba County, New Mexico, (as fully described on Exhibit "A" of Order R-5459, August 1, 1977, as amended, and in Rule 25 of this order), the vertical limits shall be from the Huerfanito Bentonite marker to a point 500 feet below the top of the Point Lookout Sandstone.

South and west of the line described in (a) above, the vertical limits shall be from a point 750 feet below said Huerfanito Bentonite marker to a point 500 feet below the top of the Point Lookout Sandstone.

The Blanco-Mesaverde Gas Pool was created February 25, 1949 and gas proration became effective March 1, 1955.

A. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(a) STANDARD GPU (GAS PRORATION UNIT) in the Blanco-Mesaverde Gas Pool shall be 320 acres.

RULE 2(b) WELL LOCATION:

1. THE INITIAL WELL drilled on a GPU shall be located not closer than 790 feet to any outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.

2. THE INFILL WELL drilled on a GPU shall be located in the quarter section of the GPU not containing a Mesaverde well, and shall be located with respect to the GPU boundaries as described in the preceding paragraph.

The plat (Form C-102) accompanying the Application for Permit to Drill (OCD Form C-101 or the Federal form) for the subsequent well on a GPU shall have outlined thereon the boundaries of the GPU and shall show the location of all existing Mesaverde wells on the GPU as well as the proposed new well.

In the event an infill well is drilled on any GPU, both wells shall be produced for so long as it is economically feasible to do so.

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a)2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.

When calculating the allowable for a GPU containing an infill well, the deliverability of both wells shall be added in calculating the AD Factor and the allowable may be produced from both wells.

B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned to prevent the premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

Within 90 days after a well first delivers gas to a gas transportation facility, the well shall have been tested as required in the preceding paragraph, and the results of the test filed on the appropriate form in triplicate with the Division's Aztec office and one copy filed with the gas transportation facility to which the well is connected. Failure to file said test within the above-specified 90-day period will subject the well to the loss of one day's allowable for each day the test is late.

1. If the newly first-delivered well is an infill well on a GPU, the old well on the GPU is not required to be tested concurrently with the new well provided it has a valid test on file for the current proration period. Testing of the old well shall continue to follow the regularly assigned test schedule for the pool in which the well is located. The new well is required to be tested annually until at least three annual tests are on file; and then, the well is to be tested biennially with other wells in the pool.

2. If the old well on the GPU is "Exempt", the old well is to be tested along with the new well for the Initial and Annual Deliverability and Shut-In Pressure Test. The old well will lose its "Exempt" classification and must be tested biennially along with other wells in the pool.

H. MISCELLANEOUS SPECIAL POOL RULES

RULE 25 VERTICAL LIMIT BOUNDARY: Exhibit "A" of Order R-5459 which defines a dividing line across the Blanco-Mesaverde Pool reads as follows:

EXHIBIT "A"

This Exhibit defines the Northwest-Southeast trending line established by Order R-5459, as amended, that divides the Blanco-Mesaverde Pool for defining the vertical limits of the pool. Said line traverses the South side or West side of the sections listed below:

TOWNSHIP 24 NORTH, RANGE 1 EAST, NMPM
Section 31: West

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 3: West
Section 10: West and South
Section 14: West and South
Section 24: West
Section 25: West and South

TOWNSHIP 25 NORTH, RANGE 1 WEST, NMPM

Section 7: West
Section 18: West and South
Section 20: West and South
Section 28: West
Section 33: West and South

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 1: West and South

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM

Sections 7 and 8: South
Section 16: West and South
Section 22: West and South
Section 26: West
Section 35: West and South

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Sections 2 and 3: South
Section 4: West and South
Section 12: West and South

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM

Sections 31 and 32: South

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Sections 31 through 36: South

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 31: West and South
Sections 32 through 36: South

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM

Section 6: West
Section 7: West and South
Sections 8 and 9: South
Section 14: South
Section 15: West and South
Section 24: West
Section 25: West and South

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Sections 7, 18, 19, 30, and 31: West

TOWNSHIP 29 NORTH, RANGE 7 WEST, NMPM

Section 31: West and South
Sections 32 through 36: South

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 17: South

Section 18: West and South
Section 21: West and South
Section 22: South
Section 25: South
Section 26: West and South

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 3: South
Section 4: West and South
Section 11: West and South
Section 12: South

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 31: West and South
Section 32: South

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 18: South
Section 20: West and South
Sections 21 and 22: South
Section 25: South
Section 26: West and South

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM

Section 6: West and South
Section 8: West and South
Sections 9, 10, 11: South
Section 13: West and South

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 19: South
Sections 27 and 28: South
Section 29: West and South
Section 35: West and South
Section 36: South

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM

Sections 7 and 8: South
Sections 14 and 15: South
Section 16: West and South
Section 24: West and South

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM

Section 12: South

(General Pool Rules also apply unless in conflict with these
Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE

SOUTH BLANCO-PICTURED CLIFFS GAS POOL

THE VERTICAL LIMITS of the South Blanco-Pictured Cliffs Gas Pool shall be the Pictured Cliffs formation.

The South Blanco-Pictured Cliffs Gas Pool, Rio Arriba, San Juan, and Sandoval Counties, New Mexico, was created May 20, 1952 and gas proration became effective March 1, 1955.

B. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(A) STANDARD GPU (GAS PRORATION UNIT) in the South Blanco-Pictured Cliffs Gas Pool shall be 160 acres.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a)2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's AD Factor bears to the total AD Factor for all non-marginal GPUs in the pool.

B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned in order to prevent premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE TAPACITO-PICTURED CLIFFS GAS POOL

THE VERTICAL LIMITS of the Tapacito-Pictured Cliffs Gas Pool shall be the Pictured Cliffs formation.

The Tapacito-Pictured Cliffs Gas Pool, Rio Arriba County, New Mexico, was created April 18, 1956 and gas proration in this pool became effective August 1, 1958.

B. WELL ACREAGE AND LOCATION REQUIREMENTS

RULE 2(A) STANDARD GPU (GAS PRORATION UNIT) in the Tapacito-Pictured Cliffs Gas Pool shall be 160 acres.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5(a)2 NON-MARGINAL GPU ALLOWABLE: The pool allowable remaining each month after deducting the total allowable assigned to marginal GPUs shall be allocated among the non-marginal GPUs entitled to an allowable in the following manner:

A) Seventy-five percent (75%) of the pool allowable remaining to be allocated to the non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's "AD Factor" bears to the total "AD Factor" for all non-marginal GPUs in the pool.

B) Twenty-five percent (25%) of the pool allowable remaining to be allocated to non-marginal GPUs shall be allocated among such GPUs in the proportion that each GPU's acreage factor bears to the total acreage factor for all non-marginal GPUs in the pool.

RULE 8 MINIMUM ALLOWABLES: A minimum allowable of 250 MCF per month per GPU will be assigned in order to prevent premature abandonment of wells.

RULE 9(a) DELIVERABILITY TESTS: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of the current "Gas Well Testing Manual for San Juan Basin."

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SPECIAL RULES AND REGULATIONS FOR THE
ATOKA-PENNSYLVANIAN GAS POOL

The Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, was created May 5, 1958, and gas proration in this pool became effective July 1, 1961.

A. DEFINITIONS

THE VERTICAL LIMITS of the Atoka-Pennsylvanian Gas Pool shall be the Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Atoka-Pennsylvanian Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Atoka-Pennsylvanian Gas Pool shall be located in the northwest quarter or the southeast quarter of the section and shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line; provided, however, that any well which was projected to or completed in said pool prior to June 5, 1959, is excepted from the requirements of this rule.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Atoka-Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
BLINEBRY OIL AND GAS POOL

The Blinebry Oil and Gas Pool, Lea County, New Mexico was created February 17, 1953, and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Blinebry Oil and Gas Pool shall extend from a point 75 feet above the "Blinebry Marker" to a point 100 feet above the "Tubb Marker." The Blinebry Marker shall be that point encountered at a depth of 5457 feet (elevation 3380, sub-sea datum -2077) and the Tubb Marker shall be that point encountered at a depth of 5921 feet (elevation 3380, sub-sea datum -2541) in the Exxon Corporation State "S" Well No. 20, SW/4 NW/4 of Section 2, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

A GAS WELL in the Blinebry Oil and Gas Pool shall be a well producing from within the vertical limits of the pool which produces with a gas-liquid ratio of 50,000 cubic feet of gas or more per barrel of liquid hydrocarbons. Provided, however, that any well which on January 1, 1974, was classified as a gas well in the Blinebry Gas Pool shall continue to be classified as a gas well. For those wells classified as gas wells, but with gas-liquid ratios of less than 50,000 cubic feet of gas per barrel of oil, the operator may, upon application to the District Supervisor, receive a reclassification of said well to that of an oil well.

AN OIL WELL in the Blinebry Oil and Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Blinebry Oil and Gas Pool shall be 4,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). 1. A standard gas proration unit in the Blinebry Oil and Gas Pool shall be 160 acres.

2. A standard oil proration unit in the Blinebry Oil and Gas Pool shall be 40 acres.

3. Acreage dedicated to a gas well in the Blinebry Oil and Gas Pool shall not be simultaneously dedicated to an oil well in the pool, and the dual completion of a well so as to produce separate gas and oil allowables from the Blinebry Oil and Gas Pool is prohibited.

RULE 2(b). 1. Each gas well to which is dedicated more than 40 acres shall be located no nearer than 660 feet to the outer boundary of its proration unit or of the quarter section and not nearer than 330 feet to any governmental quarter-quarter section or subdivision line.

2. Each oil well, or gas well to which no more than 40 acres is dedicated, shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision boundary line.

RULE 4(b) 1. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b) (1) of the General Rules if a completion, recompletion, or reclassification of a Blinebry

well results in dedication of acreage to an oil well on a previously approved gas proration unit, and thereby severs acreage contained in said unit from the gas well which produces for the unit.

2. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b) (2) of the General Rules when the non-standard proration unit consists of not more than 164 acres and lies wholly within a single governmental section.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Blinebry Oil and Gas Pool.

G. REPORTING OF PRODUCTION

RULE 17(b) In submitting Form C-115 on wells producing from the Blinebry Oil and Gas Pool in which condensate is commingled and/or low-pressure gas is commingled with other low-pressure gas produced on the lease, the operator shall estimate the volume produced by each well in each pool by using the ratios as reflected in the most recent test submitted.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Blinebry Oil and Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

RULE 27. Gas-liquid ratio tests shall be conducted annually during the months of July, August, and September on all wells located in and producing from the Blinebry Oil and Gas pool. Results of such tests shall be reported to the Division on Form C-116 on or before the 10th day of October of each calendar year.

RULE 28(a) The District Supervisor, on or before November 15 of each year shall review the production data, gas-oil ratio tests, and other pertinent data and reclassify a well if evidence reflects the need for such reclassification. In such event the District Supervisor will notify the operator of the reclassification at least 30 days before the effective date thereof. Any operator so notified may request that the District Supervisor reconsider the reclassification if he has evidence to support such request and the request has been filed within 10 days after receipt

of the notification of reclassification. The District Supervisor shall approve or disapprove the request within 10 days after receipt thereof or in the alternative, with the consent of the applicant, set the request for hearing.

- (b) In the event an oil well in the Blinebry Oil and Gas Pool is reclassified as a gas well, the operator of such well will be afforded the opportunity to form a non-standard gas proration unit for the well; provided however, that, until such unit is formed, said well shall be allocated a gas allowable commensurate with the acreage contained in the unit formerly dedicated to the oil well. In the event of two or more gas wells producing from the Blinebry Oil and Gas Pool within a single proration unit, the allowable assigned to the unit may be produced from any well on the unit in any proportion.

RULE 29(a) Condensate from any gas well in the Blinebry Oil and Gas Pool may be commingled with other condensate produced by any other gas well or wells producing from the pool or the Tubb Oil and Gas Pool following its separation from the gas in a separator, provided approval therefor has been obtained in accordance with Division Rule 303-B and/or Rule 309-B, whichever is applicable.

(b) If two-stage separation is used, the low-pressure gas shall be directed into a low-pressure gas gathering system, and said low-pressure gas need not be measured separately from the other low-pressure gas produced on the lease, provided that certain test facilities are available and periodic tests made in accordance with Rule 27 above.

SPECIAL RULES AND REGULATIONS FOR THE BUFFALO VALLEY-PENNSYLVANIAN GAS POOL

The Buffalo Valley-Pennsylvanian Gas Pool, Chaves County, New Mexico, was created November 1, 1962 and gas proration in this pool became effective May 1, 1969.

A. DEFINITIONS

THE VERTICAL LIMITS of the Buffalo Valley-Pennsylvanian Gas Pool shall be the Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Buffalo Valley-Pennsylvanian Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Buffalo Valley-Pennsylvanian Gas Pool shall be located in the northwest quarter or the southeast quarter of the section and shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line; provided, however, that any well drilling to or completed in said pool on or before October 31, 1962, is hereby excepted from the requirements of this rule.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Buffalo Valley-Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
BURTON FLAT-MORROW GAS POOL

The Burton Flat-Morrow Gas Pool, Eddy County, New Mexico was created March 1, 1973 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Burton Flat-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Burton Flat-Morrow Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Burton Flat-Morrow Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Burton Flat-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
BURTON FLAT-STRAWN GAS POOL

The Burton Flat-Strawn Gas Pool, Eddy County, New Mexico was created September 1, 1973 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Burton Flat-Strawn Gas Pool shall be the Strawn formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(A). A standard GPU in the Burton Flat-Strawn Gas Pool shall be 320 acres.

RULE 2(B). Each well completed or recompleted in the Burton Flat-Strawn Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Burton Flat-Strawn Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
SOUTH CARLSBAD-MORROW GAS POOL

The South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico was created May 1, 1969 and gas proration in this pool became effective September 1, 1972.

A. DEFINITIONS

THE VERTICAL LIMITS of the South Carlsbad-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the South Carlsbad-Morrow Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the South Carlsbad-Morrow Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the South Carlsbad-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
CATCLAW DRAW-MORROW GAS POOL

The Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico was created June 21, 1971 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Catclaw Draw-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Catclaw Draw-Morrow Gas pool shall be 640 acres.

RULE 2(b). Each well completed or recompleted in the Catclaw Draw-Morrow Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Catclaw Draw-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
CROSBY-DEVONIAN GAS POOL

The Crosby-Devonian Gas Pool, Lea County, New Mexico was created May 27, 1955 and gas proration became effective April 1, 1957.

A. DEFINITIONS

THE VERTICAL LIMITS of the Crosby-Devonian Gas Pool shall include all the formations that can reasonably be considered to be of Devonian age.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Crosby-Devonian Gas Pool shall be 160 acres.

RULE 2(b). Each well completed or recompleted in the Crosby-Devonian Gas Pool shall be located no closer than 660 feet to any outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Crosby-Devonian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
EUMONT GAS POOL

The Eumont Gas Pool, Lea County, New Mexico, was created February 17, 1953, and gas proration in this pool became effective January 1, 1954. The Eumont Gas Pool now includes portions of the acreage once included in the Jalco and Langmat Pools (now Jalmat) and all of the acreage formerly in the Arrow and Hardy Pools.

A. DEFINITIONS

THE VERTICAL LIMITS of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers, and Queen formations.

A GAS WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Eumont Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Eumont Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Eumont Gas Pool shall be 640 acres.

2. A standard oil proration unit in the Eumont Gas Pool shall be 40 acres.

RULE 2(b) 1. A gas well in the Eumont Gas Pool to which 640 acres is dedicated shall be located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section or subdivision boundary line.

2. An oil well in the Eumont Gas Pool shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision boundary line.

(Any well drilled to and producing from the Eumont Gas Pool prior to August 12, 1954, at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.)

RULE 2(b) 4. In establishing a non-standard gas proration unit in the Eumont Gas Pool, the location of the well with respect to the two nearest boundary lines thereof shall govern the maximum amount of acreage that may be assigned to the well for the purposes of gas proration as follows:

<u>LOCATION</u>	<u>MAXIMUM ACREAGE</u>
660-660	160 acres
660-990	320 acres
990-990	600 acres

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Eumont Gas Pool.

(a) A 640 acre proration unit in the Eumont Gas Pool shall be assigned an Acreage Factor of 4.00; a 160 acre proration unit an Acreage Factor of 1.00, etc.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Eumont Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

SPECIAL RULES AND REGULATIONS FOR THE

INDIAN BASIN-MORROW GAS POOL

The Indian Basin-Morrow Gas Pool, Eddy County, New Mexico was created March 1, 1963 and gas proration in this pool became effective July 1, 1965.

A. DEFINITIONS

THE VERTICAL LIMITS of the Indian Basin-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Indian Basin-Morrow Gas Pool shall be 640 acres.

RULE 2(b). Each well completed or recompleted in the Indian Basin-Morrow Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Indian Basin-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE INDIAN BASIN-UPPER PENNSYLVANIAN GAS POOL

The Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico was created March 1, 1963 and gas proration in this pool became effective July 1, 1965.

A. DEFINITIONS

THE VERTICAL LIMITS of the Indian Basin-Upper Pennsylvanian Gas Pool shall be the Upper Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(A). A standard GPU in the Indian Basin-Upper Pennsylvanian Gas Pool shall be 640 acres.

RULE 2(B). Each well completed or recompleted in the Indian Basin-Upper Pennsylvanian Gas Pool shall be located no closer than 1650 feet to the outer boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Indian Basin-Upper Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
JALMAT GAS POOL

The Jalmat Gas Pool, Lea County, New Mexico, was created effective September 1, 1954, from a consolidation of the Jalco and Langmat Pools, which were created February 7, 1953. Gas prorationing was instituted in the Jalco and Langmat Pools January 1, 1954, and was continued after consolidation to form the Jalmat Gas Pool. The Jalmat Gas Pool now includes acreage that was formerly included in the Jal, Cooper-Jal, Eaves, Falby-Yates, Jalco and Langmat Pools.

A. DEFINITIONS

THE VERTICAL LIMITS of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 100 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation, except,

In the area described immediately below, the vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 13: SE/4 NE/4, SE/4

Section 23: E/2 E/2

Section 24: All

Section 25: N/2

Section 26: E/2 NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18: SW/4 NW/4, W/2 SW/4

Section 19: W/2

Section 30: NW/4

A GAS WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool with a gas-liquid ratio in excess of 100,000 cubic feet of gas per barrel of oil.

AN OIL WELL in the Jalmat Gas Pool shall be a well producing from the vertical limits of the pool and not

classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Jalmat Gas Pool shall be 10,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Jalmat Gas Pool shall be 640 acres.

2. A standard oil proration unit in the Jalmat Gas Pool shall be 40 acres.

3. Acreage dedicated to a gas well in the Jalmat Gas Pool shall not be simultaneously dedicated to an oil well in the Jalmat Gas Pool, and the dual completion of a well so as to produce oil from the Yates and oil from the Seven Rivers or Queen formation is prohibited.

RULE 2(b) 1. A gas well in the Jalmat Gas Pool to which 640 acres is dedicated shall be located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section line or subdivision boundary line.

2. An oil well in the Jalmat Gas Pool shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision boundary line.

(Any well drilled to and producing from the Jalmat Gas Pool prior to September 1, 1954, at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.)

RULE 4(b) 2. In establishing a non-standard gas proration unit in the Jalmat Gas Pool, the location of the well with respect to the two nearest boundary lines thereof shall govern the maximum amount of acreage that may be assigned to the well for the purposes of gas proration as follows:

<u>LOCATION</u>	<u>MAXIMUM ACREAGE</u>
660-660	0 - 160 acres
660-990	161 - 320 acres
990-990	321 - 600 acres

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Jalmat Gas Pool.

(a) A 640 acre proration unit in the Jalmat Gas Pool shall be assigned an Acreage Factor of 4.00, a 160 acre proration unit an Acreage Factor of 1.00, etc.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Jalmat Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

SPECIAL RULES AND REGULATIONS FOR THE
JUSTIS GAS POOL

The Justis Gas Pool, Lea County, New Mexico was created January 1, 1950 and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Justis Gas Pool shall be defined as follows: from the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea Datum - 1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 350 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea Datum - 1799) in said McBuffington Well No. 8. The Hamilton Dome Westates Carlson Federal "A" Well No. 1, located in the NW/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as the completion existed on April 22, 1959, shall be considered to be completed within the vertical limits of the Justis Gas Pool.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Justis Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Justis Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Justis Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
MONUMENT MCKEE-ELLENBURGER GAS POOL

The Monument McKee-Ellenburger Gas Pool, Lea County, New Mexico was created February 17, 1953 and gas proration in this pool became effective March 1, 1961.

A. DEFINITIONS

THE VERTICAL LIMITS of the Monument McKee-Ellenburger Gas Pool shall be the McKee and Ellenburger formations.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Monument McKee-Ellenburger Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Monument McKee-Ellenburger Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Monument McKee-Ellenburger Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE
TUBB OIL AND GAS POOL

The Tubb Oil and Gas Pool, Lea County, New Mexico, was created February 17, 1953, and gas proration in this pool became effective January 1, 1954.

A. DEFINITIONS

THE VERTICAL LIMITS of the Tubb Oil and Gas Pool shall extend from a point 100 feet above the "Tubb Marker" to the top of the Drinkard formation. The Tubb Marker shall be that point encountered at a depth of 5921 feet (elevation 3380, sub-sea datum - 2541) and the top of the Drinkard shall be that point encountered at a depth of 6245 feet (elevation 3380, sub-sea datum - 2865) in the Exxon

Corporation State "S" Well No. 20, SW/4 NW/4 of Section 2, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

A GAS WELL in the Tubb Oil and Gas Pool shall be a well producing from within the vertical limits of the pool which produces with a gas-liquid ratio of 50,000 cubic feet of gas or more per barrel of liquid hydrocarbons.

AN OIL WELL in the Tubb Oil and Gas Pool shall be a well producing from the vertical limits of the pool and not classified as a gas well as defined above.

THE LIMITING GAS-OIL RATIO for oil wells in the Tubb Oil and Gas Pool shall be 2,000 cubic feet of gas per barrel of oil.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a) 1. A standard gas proration unit in the Tubb Oil and Gas Pool shall be 160 acres.

2. A standard oil proration unit in the Tubb Oil and Gas Pool shall be 40 acres.

3. Acreage dedicated to a gas well in the Tubb Oil and Gas Pool shall not be simultaneously dedicated to an oil well in the pool, and the dual completion of a well so as to produce separate gas and oil allowables from the Tubb Oil and Gas Pool is prohibited.

RULE 2(b) 1. Each gas well to which is dedicated more than 40 acres shall be located no nearer than 660 feet to the outer boundary of its proration unit or of the quarter section and not nearer than 330 feet to any governmental quarter-quarter section or subdivision line.

2. Each oil well, or gas well to which no more than 40 acres is dedicated, shall be located no nearer than 330 feet to the outer boundary of any governmental quarter-quarter section or subdivision line.

RULE 3(b) 1. The Director may grant an exception to Rule 2(b) 1 above and Rule 4(b) (1) of the General Rules if a completion, recompletion, or reclassification of a Tubb well results in dedication of acreage to an oil well on a previously approved gas proration unit, and thereby severs acreage contained in said unit from the gas well which produces for the unit.

2. The Director may grant an exception to Rule 2(a) 1 above and Rule 4(b)(2) of the General Rules when the non-standard proration unit consists of not more than 164 acres and lies wholly within a single governmental section.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 8. Acreage is the only proration factor in the Tubb Oil and Gas Pool.

G. REPORTING OF PRODUCTION

RULE 17(b) In submitting Form C-115 on wells producing from the Tubb Oil and Gas Pool in which condensate is commingled and/or the low-pressure gas is commingled with low-pressure gas produced on the lease, the operator shall estimate the volume produced by each well in each pool by using the ratios as reflected in the most recent test submitted.

I. MISCELLANEOUS SPECIAL POOL RULES

RULE 26. Oil wells in the Tubb Oil and Gas Pool shall receive oil and casinghead gas allowables as provided in Rules 503, 505, and 506 of the Division Rules and Regulations.

RULE 27. Gas-liquid ratio tests shall be conducted annually during the months of August, September, and October on all wells located in and producing from the Tubb Oil and Gas Pool. Results of such tests shall be reported to the Division on Form C-116 on or before the 10th day of November of each calendar year.

RULE 28(a) The District Supervisor, on or before December 10 of each year shall review production data, gas-oil ratio tests and other pertinent data and reclassify a well if evidence reflects the need for such reclassification. Any operator may request that the District Supervisor reconsider the reclassification if he has evidence to support such request.

(b) In the event an oil well in the Tubb Oil and Gas Pool is reclassified as a gas well, the operator of such well will be afforded the opportunity to form a non-standard gas proration unit for the well; provided however, that until such unit is formed, said well shall be allocated a gas allowable commensurate with the acreage contained in the unit formerly dedicated to the oil well. In the event of two or more gas wells producing from the

Tubb Oil and Gas Pool within a single proration unit, the allowable assigned to the unit may be produced from any well on the unit in any proportion.

RULE 29(a) Condensate from any gas well in the Tubb Oil and Gas Pool may be commingled with other condensate produced by any other gas well or wells producing from the pool or the Blinebry Oil and Gas Pool following its separation from the gas in a separator, provided approval therefor has been obtained in accordance with Division Rule 303-B and/or Rule 309-B, whichever is applicable.

(b) If two-stage separation is used, the low-pressure gas shall be directed into a low-pressure gas gathering system, and said low-pressure gas need not be measured separately from the other low-pressure gas produced on the lease, provided that certain test facilities are available and periodic tests made in accordance with Rule 27 above.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-121-A
Revised 4-1-86

PURCHASER'S GAS NOMINATIONS

Company	Address
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In accordance with the Rules and Regulations of the Oil Conservation Division 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 shown below: (insert in appropriate month)

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

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

_____ (Signature)	_____ (Title)	_____ (Date)
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INSTRUCTIONS:

1. This form must be filed with the Santa Fe office of the Division by the first day of the month during which the nominations are to be considered as public hearing.

CASE 8749
ORDER NO. R-8170
EXHIBIT "C"