

Case. Number.

4455

Application,
Transcripts.

Sm all Exhibts.

ETC.

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 6, 1971

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Con-)
servation Commission for the crea-)
tion of a new oil pool and for the)
assignment of a discovery allowable,)
Sandoval County, New Mexico. The)
Commission, at the request of Refiners)
Petroleum Corporation, will consider)
the creation of a new oil pool for the)
production of oil from the Dakota form-)
ation comprising the NE/4 of Section 25,)
Township 22 North, Range 3 West, San-)
doval County, New Mexico, said pool)
having been discovered by said corp-)
oration's Cuba Union Well No. 1 loca-)
ted in Unit A of said Section 25. Also)
to be considered will be the assignment of)
approximately 34,390 barrels of discovery)
allowable to said well.)

Case No.
4455

EXAMINER HEARING

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

dearnley-meier reporting

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
209 SIMMS BLDG. • P.O. BOX 1022 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

1 MR. NUTTER: The Hearing will come to order,
2 please. This is Case No. 4455.

3 MR. HATCH: Case No. 4455 is continued from
4 November 18th, 1970 Examiner Hearing.

5 This is in the matter of the hearing called by
6 the Oil Conservation Commission for the creation of a new
7 oil pool and for the assignment of a discovery allowable,
8 Sandoval County, New Mexico.

9 The Commission has received a request of Refiners
10 Petroleum Corporation, which is a driller, that their case
11 be continued to sometime in March. I would suggest March
12 17th, 1971.

13 MR. NUTTER: Case No. 4455 will be continued
14 to the Examiner Hearing scheduled for March 17th, 1971
15 in this same room at 9:30 A.M.
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dearnley-meier

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FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

STATE OF NEW MEXICO)
) SS
COUNTY OF SANTA FE)

I, RICHARD L. NYE, Court Reporter and Notary Public
do hereby certify that the foregoing and attached Trans-
cript of Hearing before the New Mexico Oil Conservation
Commission was reported by me, and the same is a true
and correct record of the said proceedings, to the best
of my knowledge, skill and ability.

Richard L. Nye
RICHARD L. NYE, Court Reporter

My commission expires April 8, 1971.

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Foreman hearing of Case No. 4455
heard by me on 1/6, 1972.
[Signature]
New Mexico Oil Conservation Commission

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 18, 1970

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil
Conservation Commission for the
creation of a new oil pool and
for the assignment of a discovery
allowable, Sandoval County, New
Mexico.

Case No. 4455

BEFORE: Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: The hearing will come to order. The docket has two continued cases, which we will take up first. Case 4455.

MR. HATCH: Case 4455. In the matter of the hearing called by the Oil Conservation Commission for the creation of a new oil pool and for the assignment of a discovery allowable, Sandoval County, New Mexico. The Commission has received a request from Refiners Petroleum Corporation, the operators of the discovery well, asking that the case be continued to January 13th, 1971, examiner hearing on that date.

MR. UTZ: Case 4455 will be continued to the examiner hearing on January 6, 1971.

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO
1203 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO

PAGE 3

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, LINDA MALONE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Linda Malone
Court Reporter

I do hereby certify that the foregoing is
a true record of the proceedings in
the hearing of Case No. 4455
by me on 11-18-50
Linda Malone, Secretary
New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

GOVERNOR
BRUCE KING
CHAIRMAN

**LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER**

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

February 8, 1971

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: Case No. 4455 and 4478
Order No. R-4094 & R-4095
Applicant:
Refiners Petroleum Corp.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC _____
Aztec OCC x

Other

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. 4455
Order No. R-4094

APPLICATION OF THE OIL CONSERVATION
COMMISSION FOR THE CREATION OF A NEW
OIL POOL AND FOR THE ASSIGNMENT OF A
DISCOVERY ALLOWABLE, SANDOVAL COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 6, 1971,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 8th day of February, 1971, the Commission, a
quorum being present, having considered the record and the recom-
mendations of the Examiner, and being fully advised in the premises,

FINDS:

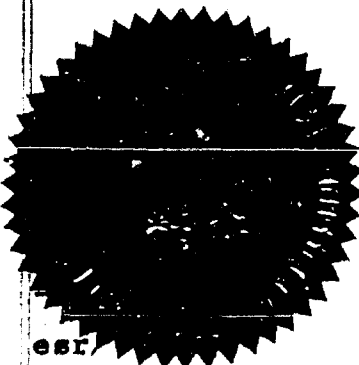
That the request of Refiners Petroleum Corporation for
dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 4455 is hereby dismissed.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


Bruce King
BRUCE KING, Chairman

Alex J. Armijo
ALEX J. ARMILJO, Member

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

Oil / Gas / Mining

Val R. Reese, C.P.G.

Geological Consultant
900 Bank of New Mexico Building
Albuquerque, New Mexico 87101

Office: Phone 243-0665
Home: Phone 255-9749

January 28, 1971

Mr. Jason Kellahin
Kellahin and Fox
P. O. Box 1769
Santa Fe, New Mexico 87501

RE: Refiners Petroleum Corp.
Dockets before Oil & Gas
Commission

Dear Jason:

Will you please contact Mr. Dan Nutter with the Oil Conservation Commission and inform him that ~~Refiners Petroleum Corp.~~ wishes to withdraw their applications under Cases Nos. 4455 and 4478.

Case No. 4455 covers application for discovery allowable and pool name, and Case No. 4478 covers application for special pool rules on spacing. These dockets had been re-set for the March examiner hearing.

At this time Refiners does not feel that they have enough information to support the application for special pool rules and the discovery well is not producing more than its regular allowable for 40 acre spacing.

Refiners would like to suggest that the Commission consider naming this new field the Cuba Dakota field. There are now four wells producing in the field - the Refiners No. 1 Cuba Union well in the NE/4 of Section 25, the Refiners No. 2 Cuba Union well in the NE/4 of Section 26, the Refiners No. 1 Cuba Pan Am well in the SW/4 of Section 24, and the Union No. 1-25 Jicarilla 411 well in the NW/4 of Section 25.

We would appreciate your conveying Refiners request to the Commission. If there are any contingencies of which we should be aware of, please advise us.

Sincerely,

Val R. Reese
VAL R. REESE

VRR:mb

Copy: Mr. Frank Barton, President

Oil/Gas/Mining

Val R. Reese, C.P.G.

Geological Consultant
900 Bank of New Mexico Building
Albuquerque, New Mexico 87101

December 28, 1970

Office: Phone 243-0665
Home: Phone 255-9749

Cont to
March 17
at long

Mr. Dan Nutter
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Refiners Petroleum Corp.
Examiner Hearing, January 6, 1971
Dockets 4455 and 4478

Dear Mr. Nutter:

With reference to your Dockets Nos. 4455 and 4478 requested by Refiners Petroleum Corp., we would like to have these cases continued until the March, 1971, Examiner Hearing.

If it is not possible to continue these cases as requested, will you please advise me by return mail.

Sincerely,

Val R. Reese

VAL R. REESE
Consulting Geologist for
Refiners Petroleum Corp.

VRR:mb

CC: Mr. Frank Barton, President
Refiners Petroleum Corp.

Mr. Jason W. Kellahin
Kellahin and Fox

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 6, 1971

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

CASE 4463: Continued from the November 18, 1970, Examiner Hearing

Application of Roger C. Hanks for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the NE/4 of Section 18, Township 9 South, Range 36 East, Vada-Pennsylvanian Pool, Lea County, New Mexico, said acreage to be dedicated to applicant's Ford Federal Well No. 1 located in the NW/4 NE/4 of Section 18. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4477: Application of Gulf Oil Corporation for a waterflood expansion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Northwest Eumont Unit Waterflood Project, Eumont Pool, by the conversion to water injection of thirteen additional wells in Sections 26, 27, 33, and 34, of Township 19 South, Range 36 East, Lea County, New Mexico.

CASE 3786: (Reopened):

In the matter of Case No. 3786 being reopened pursuant to the provisions of Order No. R-3437-A, which order extended for a period of 18 months the special rules and regulations for the North Paduca-Delaware Pool, Lea County, New Mexico. All interested persons may appear and show cause why the gas-liquid ratio limitation of 3,000 cubic feet of gas per barrel of liquid hydrocarbons should not be reduced and why the special rules and regulations should not be discontinued.

CASE 4455: Continued from the November 18, 1970, Examiner Hearing

In the matter of the hearing called by the Oil Conservation Commission for the creation of a new oil pool and for the assignment of a discovery allowable, Sandoval County, New Mexico. The Commission, at the request of Refiners Petroleum Corporation, will consider the creation of a new oil pool for the production of oil from the Dakota formation comprising the NE/4 of Section 25, Township 22 North, Range 3 West, Sandoval County, New Mexico, said pool having been discovered by said corporation's Cuba Union Well No. 1 located in Unit A of said Section 25. Also to be considered will be the assignment of approximately 34,390 barrels of discovery allowable to said well.

CASE 4478: Application of Refiners Petroleum Corporation for the creation of a new oil pool and special rules therefor, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the Graneros-Dakota formation for its Cuba-Union Well No. 1 located in Unit A of Section 25, Township 22 North, Range 3 West, Sandoval County, New Mexico, and for the promulgation of special rules therefor, including a provisions for 160-acre spacing units.

CASE 4479: Application of Eastland Oil Company for the creation of a new pool, assignment of discovery allowable, and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks creation of a new pool for the production of oil from the Grayburg and San Andres formations for its Arco Federal Well No. 1 located in the NW/4 NW/4 of Section 5, Township 18 South, Range 31 East, Eddy County, New Mexico, and for the assignment of an oil discovery allowable to said well. Applicant further seeks the adoption of special pool rules to provide for a limiting gas-oil ratio of 5,000 to one.

CASE 4480: Application of Coastal States Gas Producing Company for expansion of a unit area, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand the Flying "M" (San Andres) Unit Area, authorized by Order No. R-3220, to include some 879 acres, more or less, of Federal, State and Fee lands in Townships 9 and 10 South, Range 33 East, Flying "M" San Andres Pool, Lea County, New Mexico.

CASE 4481: Application of Delaware-Apache Corporation for a non-standard proration unit, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval for an 80-acre non-standard oil proration unit comprising the SW/4 NE/4 and NW/4 SE/4 of Section 20, Township 8 South, Range 38 East, Bluiitt-San Andres Associated Pool, Roosevelt County, New Mexico, to be dedicated to a well to be drilled at a standard location in the SW/4 NE/4 of said Section 20.

CASE 4482: Application of the Petroleum Corporation for the creation of a new pool, special rules therefor, and exceptions to Orders Nos. R-3221 and R-4070, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn oil pool for its Petco State Well No. 1 located in Unit P of Section 26, Township 19 South, Range 29 East, Eddy County, New Mexico, and for the promulgation of special rules therefor, including provisions for 160-acre spacing units and a limiting gas-oil ratio of 4000 cubic feet of gas per barrel of oil. Applicant further seeks exceptions to Orders Nos. R-3221 and R-4070, respectively, to permit the disposal of water produced by said well in an unlined surface pit and to flare gas produced by said well.

CASE 3709: (Reopened)

In the matter of Case 3709 being reopened pursuant to the provisions of Order No. R-3366-A, which order extended 80-acre spacing units for the Akah Nez-Devonian Oil Pool, San Juan County, New Mexico, for a period of two years. All interested persons may appear and show cause why said pool should not be developed on 40-acre spacing units.

- CASE 4483: Application of Pubco Petroleum Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Kemnitz-Lower Wolfcamp East Unit Area comprising the SW/4 and W/2 SE/4 of Section 22, the E/2 NW/4 of Section 27, and the E/2 NE/4 of Section 28, Township 16 South, Range 34 East, Kemnitz-Lower Wolfcamp Pool, Lea County, New Mexico.
- CASE 4484: The application of the Oil Conservation Commission upon its own motion for an order granting an exception to the ninth paragraph of Chapter II, Section 2 of Order No. R-333-F to permit shutting in gas wells for the required shut-in test at some period during the 1971 test season other than immediately following the 7-day deliverability flow test; further to permit measuring the shut-in test pressure during the 8th to 15th day of shut-in of the well rather than on the 8th day as presently required. The above exceptions would be for the 1971 annual deliverability test season only and would be applicable to all wells in San Juan, Rio Arriba, McKinley, and Sandoval Counties, New Mexico, subject to the testing requirements of Chapter II of Order No. R-333-F.
- CASE 4485: Application of Continental Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 240-acre non-standard gas proration unit comprising the NW/4 NW/4, S/2 NW/4, NE/4 SW/4, and S/2 SW/4 of Section 1, Township 25 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to be dedicated to its Wells "A" Wells Nos. 2 and 7, located, respectively, in Units E and F of said Section 1. Applicant further seeks authority to produce the allowable assigned to said unit from either of said wells in any proportion.
- CASE 4486: Application of Continental Oil Company for a waterflood expansion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Langlie-Mattix Jack A-29 waterflood project, Langlie-Mattix Pool, by the drilling of an additional injection well at an orthodox location in the SW/4 NW/4 of Section 29, Township 24 South, Range 37 East, Lea County, New Mexico.
- CASE 4487: Application of Pennzoil United, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the W/2 of Section 6, Township 23 South, Range 27 East, South Carlshad Strawn Gas Pool, Eddy County, New Mexico, said acreage to be dedicated to a well in the W/2 of said Section 6. Also to be considered will be the cost of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.
- CASE 4488: Application of Resler and Sheldon for downhole commingling, Lea County, New Mexico. Applicants, in the above-styled cause, seek approval for the downhole commingling of gas and liquids produced from the Jalmat Gas Pool and oil and gas produced from the Langlie-Mattix Oil Pool through a common string of tubing in their Steeler Well No. 1 located in Unit L of Section 20, Township 23 South, Range 37 East, Lea County, New Mexico.

Oil / Gas / Mining

Val R. Reese, C.P.G.

Geological Consultant
900 Bank of New Mexico Building
Albuquerque, New Mexico 87101

November 13, 1970

Office: Phone 243-0665
Home: Phone 255-9749

Mr. Dan Nutter
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Case No. 4455 - Creation of New
Pool and Assignment of Discovery
Allowable
Refiners Petroleum Corp.
Cuba Union No. 1 Well
Sandoval County, New Mexico

Dear Mr. Nutter:

This letter will confirm our telephone conversation today in which we requested, and you verbally approved, a continuance of the above referenced hearing for Refiners Petroleum Corp.

Subsequent to our conversation with you, we discussed this matter with Mr. Frank Barton, President of Refiners Petroleum Corp., and he prefers that the case be continued until your regular January 1971 hearing in lieu of the December 1970 regular hearing.

We will appreciate your notifying us when this hearing has been rescheduled.

Sincerely,

Val R. Reese
VAL R. REESE

VRR:mb

CC: Mr. Frank Barton, President
Refiners Petroleum Corp.

Mr. George Ecker
Pan American Petroleum Corporation

Mr. Clarence Harr
Union Oil Company of California

P.S.: I would very much appreciate your placing my name on your mailing list to receive all notices of hearings.

V.R.R.

DOCKET MAILED

Date 12-23-70

October 21, 1970

Mr. Emery Arnold
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Asteo, New Mexico 87410

Case 4455

Dear Mr. Arnold:

In accordance with Rule 509 we are submitting herewith two copies of the following:

Form C-109 Application for Discovery Allowable on the Refiners Petroleum Corp. No. 1 Cuba Union well

Map showing all wells within a two mile radius and Lessees of Record in the area

Electric log showing the producing interval on the No. 1 Cuba Union well

We do not believe that requirements 3, 4, and 5 are applicable inasmuch as there have never been any nearby producing wells in the area.

We have furnished copies of this Application for Discovery Allowable to Pan American Petroleum Corporation and to Union Oil Company of California, who are the only lessees within one mile of this well. Union Oil of California is the lessee of record for the acreage upon which the well is located and we are sending a copy of their Designation of Operator on this acreage to you herewith.

Please advise if further information is required or if a formal hearing is required.

Sincerely,

Val R. Reese

VAL R. REESE

VRR:mb

CC: Oil & Gas Commission, Santa Fe

Mr. Frank Barton, President
Refiners Petroleum Corp.

MAILED
11-5-70
DATE

October 21, 1970

Mr. Clarence Harr
Union Oil Company of California
P. O. Box 3372
Durango, Colorado 81301

Case 4455
Re: Refiners Petroleum Corp.
No. 1 Cuba Union well
Sandoval County, New Mexico

Dear Mr. Harr:

We are submitting an Application for Discovery Allowable on the above referenced well to the New Mexico Oil Conservation Commission.

In accordance with Rule 509 of the Commission, we are enclosing a copy of the required Form C-109 covering this Application for Discovery Allowable.

Sincerely,

Val R. Reese
VAL R. REESE

VRR:mb

CC: Oil Conservation Commission - Artec
Oil Conservation Commission - Santa Fe
Refiners Petroleum Corp. - Reno

I certify that this is a true and correct copy of letter notice mailed by Certified Mail to Union Oil Company of California on October 21, 1970.

VAL R. REESE

Val R. Reese

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn before me this 21st day of October, 1970.

Marion D. Curtis
Notary Public

My Commission Expires 9-25-73.

October 21, 1970

Mr. George Ecker
Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Case 4455

Re: Refiners Petroleum Corp.
No. 1 Cuba Union well
Sandoval County, New Mexico

Dear Mr. Ecker:

We are submitting an application for Discovery Allowable on the above referenced well to the New Mexico Oil Conservation Commission.

In accordance with Rule 509 of the Commission, we are enclosing a copy of the required Form C-109 covering this Application for Discovery Allowable.

Sincerely,

Val R. Reese
VAL R. REESE

VRR:mb

CC: Oil Conservation Commission - Asteo
Oil Conservation Commission - Santa Fe
Refiners Petroleum Corp. - Reno

I certify that this is a true and correct copy of letter notice mailed by Certified Mail to Pan American Petroleum Corporation on October 21, 1970.

Val R. Reese
VAL R. REESE

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn before me this 21st day of October, 1970.

Thurman C. Cunningham
Notary Public

My Commission Expires 9-25-73.

**NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL**

Form C-109
Adopted 9-1-66

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 509.
If discovery is claimed for more than one zone, separate forms must be filed for each.

Case 4455

Operator REFINERS PETROLEUM CORP.		Address 900 Bank of New Mexico Building, Albuquerque, NM	
Lease Name Cuba Union		Well No. 1	County Sandoval County, New Mexico
Well Location Unit Letter A ; 990' Feet from The North Line and 990' Feet From the East Line of Section 25 , Township 22 North , Range 3 West , NMPM			
Suggested Pool Names (List in order of preference) 1. Cuba Dakota 2. Cuba Graneros 3.			
Name of Producing Formation Graneros Dakota		Perforations 6378' - 6914'	Date of Filing Form C-104 October 9, 1970
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing	Date Well was Spudded August 28, 1970
Total Depth 7189'		Plugged Back Depth 7040'	Depth Casing Shoe 7186'
Oil Well Potential (Test to be taken only after all load oil has been recovered) 387 Bbls. Oil Per Day Based On 387 Bbls In 24 Hours; 54 Bbls Water Per Day Based On 54 Bbls		Tubing Depth 6904'	Elevation (Gr., DF, RKB, RT, etc.) 7349' Gr
In 24 Hours; Gas Production During Test: 7574 MCF;		Gas-Oil Ratio:	Method Of Producing: Flow Chk. Size 2"

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Ballard Pictured Cliffs	Name of Producing Formation Pictured Cliffs	Top of Pay 2729'	Bottom of Pay 2753'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 3 1/2 miles		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 4125'		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Basin Dakota Gas Field	Top of Pay 6906'	Bottom of Pay 7136'	Currently Producing? Yes - Gas Well
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 4 miles northwest			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? Yes	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County Skelly #1 Jicarilla E, 990' fm, 990' fm Sec 8-T22N-R5W - 5823'
--	---

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)?	If Yes, Name all Such Formations
---	---	----------------------------------

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Union Oil Company of California	P. O. Box 3372, Durango, Colorado 81301
Pan American Petroleum Corporation	Security Life Building, Denver, Colorado 80202

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks: **No cross section attached due to lack of nearby wells. Electric log on No. 1 Cuba Union and map attached.**

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

11-5-70 *12-23-70*


Consulting Geologist **October 20, 1970**
 Signature Position Date

7022-57957

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

OCT 26 1970

Case 4455

DESIGNATION OF OPERATOR

Jicarilla Apache Tribe

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

~~DISTRICT LAND OFFICE:~~ Jicarilla Agency
~~SERIAL NO.:~~ Dulce, New Mexico
Contract No. 411

and hereby designates

NAME: Refiners Petroleum Corp.
ADDRESS: 508 Humboldt Street
Reno, Nevada 89502

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 22 North, Range 3 West, N.M.P.M. (Unsurveyed)
Section 25: E $\frac{1}{2}$

Sandoval County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

UNION OIL COMPANY OF CALIFORNIA

By

(Signature of lessee)

Joseph L. Wilson
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August 7, 1970
(Date)

DOCKET: REGULAR HEARING - WEDNESDAY - NOVEMBER 18, 1970

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING,
SANTA FE, NEW MEXICO

ALLOWABLE: Consideration of the allowable production of gas for December, 1970, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico, and also presentation of purchaser's nominations for said pools for the six-month period beginning January 1, 1971. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for December, 1970.

CASE 4453: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the promulgation of an order prohibiting the flaring or venting of casinghead gas in the State of New Mexico on or after December 31, 1970, when certain conditions exist. Copies of the proposed order will be circulated by way of the Commission's general mailing list and will be available upon request made to the Commission at its Santa Fe office.

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THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF SAID BUILDING AT 9:30 A.M.

CASE 4454: Southeastern New Mexico nomenclature case calling for the extension of certain pools in Lea, Chaves and Roosevelt Counties, New Mexico.

(a) Extend the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 32 EAST, NMPM
SECTION 11: N/2 and SW/4

(b) Extend the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
SECTION 31: SE/4

(c) Extend the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 27: SE/4

(d) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 14: NW/4
SECTION 27: NE/4

(e) Extend the Vada-Pennsylvanian Pool in Roosevelt County,

(Case 4454 continued)

New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 33: NE/4

- CASE 4455: In the matter of the hearing called by the Oil Conservation Commission for the creation of a new oil pool and for the assignment of a discovery allowable, Sandoval County, New Mexico. The Commission, at the request of Refiners Petroleum Corporation, will consider the creation of a new oil pool for the production of oil from the Dakota formation comprising the NE/4 of Section 25, Township 22 North, Range 3 West, Sandoval County, New Mexico, said pool having been discovered by said corporation's Cuba Union Well No. 1 located in Unit A of said Section 25. Also to be considered will be the assignment of approximately 34,390 barrels of discovery allowable to said well.
- CASE 4456: Application of Pan American Petroleum Corporation for expansion of pressure maintenance project, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Cato Baskett Pressure Maintenance Project, Cato-San Andres Pool, by the conversion to water injection of its Baskett "D" Wells Nos. 1 and 2, located respectively, in Units C and A of Section 11, Township 8 South, Range 30 East, Chaves County, New Mexico.
- CASE 4457: Application of Tenneco Oil Company for the creation of a new pool, assignment of discovery allowable, and promulgation of special pool rules, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the "D" zone of the Dakota formation for its Don Ne Pah Well No. 1 located in Unit D of Section 18, Township 17 North, Range 8 West, McKinley County, New Mexico, and for the assignment of an oil discovery allowable to said well. Applicant further seeks the promulgation of special rules for said pool, including provisions for 80-acre spacing units with wells to be drilled in either the northwest or southeast quarter-quarter sections.
- CASE 4458: Application of Continental Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the South Eunice Unit Area comprising 2720 acres, more or less, of Federal and Fee lands in Sections 20, 21, 22, 28, 29, and 33, Township 22 South, Range 36 East, South Eunice Pool, Lea County, New Mexico.
- CASE 4459: Application of Continental Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in its South Eunice Unit Area by the injection of water into the Seven Rivers and Queen formations through 30 wells located in Sections 20, 21, 22, 28, 29, and 33, Township 22 South, Range 36 East, South Eunice Pool, Lea County, New Mexico.
- CASE 4460: Application of Continental Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause,

(Case 4460 continued)

seeks the consolidation of two existing non-standard gas proration units into one 480-acre non-standard unit comprising the N/2 and SE/4 of Section 23, Township 22 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to be dedicated to its Meyer B-23 Wells Nos. 1, 2, and 3, located in Units C, O, and E, respectively, of said Section 23. Applicant further seeks authority to produce the allowable from any of said wells in any proportion.

CASE 4461: Application of Continental Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the consolidation of two existing non-standard gas proration units into one 120-acre non-standard unit comprising the E/2 SW/4 and NW/4 SE/4 of Section 9, Township 21 South, Range 37 East, Blinbry Gas Pool, Lea County, New Mexico, to be dedicated to its Hawk B-1 Wells Nos. 2 and 6, located in Units J and N, respectively, of said Section 9. Applicant further seeks authority to produce the allowable assigned to said unit from either of said wells in any proportion.

CASE 4462: Application of Continental Oil Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle production from an undesignated Gallup oil pool and undesignated Dakota oil pool in the wellbores of four wells to be drilled in Township 25 North, Range 4 West, West Lindrith Field, Rio Arriba County, New Mexico, as follows:

Jicarilla 22 Well No. 5 - Unit L - Section 22
Jicarilla 28 Well No. 9 - Unit A - Section 28
Jicarilla 28 Well No. 10 - Unit L - Section 28
Jicarilla 28 Well No. 11 - Unit B - Section 33

CASE 4463: Application of Roger C. Hanks for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the NE/4 of Section 18, Township 9 South, Range 36 East, Vada-Pennsylvanian Pool, Lea County, New Mexico, said acreage to be dedicated to applicant's Ford Federal Well No. 1 located in the NW/4 NE/4 of said Section 18. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4451: (Readvertised)

Application of Union Oil Company of California for a non-standard oil proration unit, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval for an 80-acre non-standard oil proration unit comprising the SW/4 SE/4 of Section 17 and the NW/4 NE/4 of Section 20, Township 8 South, Range 38 East, Bluit-San Andres Associated Pool, Roosevelt County, New Mexico, to be dedicated to a well to be drilled at a standard location in the NW/4 NE/4 of said Section 20.

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CASE 4464: Application of Pan American Petroleum Corporation for authority to over-produce a gas well's allowable, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to over-produce the allowable of its Gallegos Canyon Unit Well No. 185, located in Unit D of Section 33, Township 28 North, Range 12 West, Basin-Dakota Pool, San Juan County, New Mexico, in the amount of 19,311 MCF. According to applicant, this amount of gas, produced by other wells in the Gallegos Canyon Unit and with royalty and taxes already paid, was injected into the subject well to create a reservoir back-pressure prior to fracturing on work-over. Applicant seeks authority to produce, without being subject to allowable, royalty, or taxes, the volume of gas injected into the well.

DRAFT

GMH/esr

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. 4455

Order No. R- 4094

*Part in that Case was called
by oil on its own motion, etc*
APPLICATION OF REFINERS PETROLEUM
CORPORATION FOR THE CREATION OF A
NEW OIL POOL AND FOR THE ASSIGNMENT
OF A DISCOVERY ALLOWABLE, SANDOVAL
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 6, 1971,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this day of February, 1971, the Commission,
a quorum being present, having considered the record and the recom-
mendations of the Examiner, and being fully advised in the premises,

FINDS:

That the ~~applicant's~~ request ^{*of Refiners Petroleum Corporation*} for dismissal should be
granted.

IT IS THEREFORE ORDERED:

That Case No. 4455 is hereby dismissed.

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

CASE 4456: Application of PAN AM.
FOR EXPANSION OF PRESSURE MAIN-
TENANCE PROJECT, CHAVES COUNTY.