

CASE NO. 5381: MOBIL OIL CORP.  
FOR TEMPORARY SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

CASE No.

5381

Application,  
Transcripts,  
Small Exhibits

ETC.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
January 8, 1975

EXAMINER HEARING

----- )  
IN THE MATTER OF: )  
 )  
Application of Mobil Oil Corporation )  
for temporary special pool rules, Lea ) Case No.  
County, New Mexico. ) 5381  
 )  
----- )

BEFORE: Richard L. Stamets, Examiner.

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil Conservation Commission:	William Carr, Esq. Legal Counsel for the Commission State Land Office Bldg. Santa Fe, New Mexico
For the Applicant:	James E. Sperling, Esq. MODRALL, SPERLING, ROEHL, HARRIS & SISK 8th Floor Public Service Building Albuquerque, New Mexico

THE NYE REPORTING SERVICE  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 982-0386

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MR. STAMETS: Call the next case, Case 5381.

MR. CARR: Case 5381, Application of Mobil Oil Corporation for temporary special pool rules, Lea County, New Mexico.

MR. SPERLING: I'm James E. Sperling of Modrall, Sperling, Roehl, Harris & Sisk, Albuquerque, appearing on behalf of Mobil Oil Corporation. We have one witness.

MR. STAMETS: The Witness will stand and be sworn, please.

(Witness sworn.)

JOHN H. SEEREY

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SPERLING:

Q Please state your name, your employer, your place of residence, and capacity in which you are employed.

A My name is John Seerey, I'm employed as Associate Operations Engineer with the Midland Producing Area Office of Mobil Oil Corporation.

Q Have you on any previous occasion testified as a qualified expert witness before this Commission so that your qualifications are a matter of record?

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A Yes, I have.

MR. SPERLING: Are the Witness' qualifications acceptable, Mr. Examiner?

MR. STAMETS: They are.

BY MR. SPERLING:

Q What is sought by Mobil in this Application?

A Mobil Oil Corporation requests the Commission's approval of an exception to Rule 506 in order to establish a limiting GOR of 5000 cubic feet of gas per barrel of oil in the Eunice-San Andres Pool, Lea County, New Mexico.

Q What is the current GOR limit and top casing-head gas presently in effect in the Eunice-San Andres Pool?

A The Eunice-San Andres Pool presently operates in compliance with the 2000 cubic feet of gas per barrel GOR limitation as established by the Commission's rule 506. There are no field rules for the subject pool. The present top oil allowable in the Eunice-San Andres Pool is 80 barrels of oil per day. Therefore, each 40-acre proration unit is presently allowed to produce a top casing-head gas limit of 160 mcf of gas per day.

Q Would you now please refer to what has been marked as Exhibit 1 and explain the purpose of that Exhibit?

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A Exhibit 1 is a plat showing that portion of the Eunice area in which the Eunice-San Andres Pool exists. The Commission's nomenclature describes the horizontal limits of the Eunice-San Andres Pool to be the West half of the Northeast quarter and the East half of the Northwest quarter of Section 33, Township 21 South, Range 37 East. The color-coded circles are used to show the various existing completions shown on the plat and the legend at the bottom describes the color code used. As shown, Mobil's E.O. Carson Well No. 23 is the only well in the San Andres Formation within the defined horizontal limits of the Eunice-San Andres Pool.

Q What is the footage location of Mobil's E.O. Carson Well No. 23 as shown on the plat there.

A Mobil's E.O. Carson Well No. 23 is located 1980 feet from the North line, 2640 feet from the East line of Section 33, Township 21 South, Range 37 East. This Well was drilled as E.O. Carson's No. 1 salt water disposal well in July 1952 for injection into the San Andres Formation by authority granted by the Commission's Order No. R-183 dated August the 12th, 1952. After a few days of unsuccessful injection into the subject well the well began pressuring up and showing signs of producing

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small amounts of oil. The Commission's Order No. R-1944 dated April the 28th, 1961, authorizes the subject well to produce as an oil well at an unorthodox location with the non-standard 40-acre proration unit consisting of the East half of the Southeast quarter of the Northwest quarter and the West half of the Southwest quarter of the Northeast quarter of Section 33.

Q Would you now please refer to what has been marked as Exhibit 2 and 2A and explain the purpose of those Exhibits?

A Exhibit No. 2 is a tabulation of the oil, water and gas production history for the E.O. Carson Well No. 23 from the time it started producing in 1961 until it was temporarily abandoned in 1968, and from the time that it returned to production in 1974 to date. Exhibit 2A is the plotted graphical form of the same production history shown in tabular form on Exhibit 2. As shown the E.O. Carson 23 produced an average of 15 barrels of oil per day initially in 1961, averaged approximately 6 barrels of oil per day for 6 years and it declined to approximately 4 barrels of oil per day and 377 barrels of water per day when it was temporarily abandoned in 1968.

Q Why was the Carson 23 Well returned to production

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in July of 1974, exactly 6 years from the date that it was temporarily abandoned?

A Due to the small amount of oil and the large volume of water that the E.O. Carson 23 last produced when it was active in 1968, Mobil decided that further work on the well would not be economical and it should be plugged and abandoned. Mobil proceeded to plug the well on July the 5th, 1974, but the well blew out. The well was brought under control on July the 6th, 1974, and returned to production on July the 7th, 1974.

Q What is the well's producing capability at this time?

A Exhibit No. 3 is a copy of a C 116, New Mexico Oil Conservation Commission's GOR test on the Mobil's E.O. Carson Well 23 showing a test of December the 1st, 1974. As shown, the well test shows a potential of 42 barrels of oil per day and 508 barrels of water per day and 221 mcf of gas per day with a GOR of 5259.

Q Well, is the No. 23 Well currently producing at the rate shown by the test at this time?

A No. The E O. Carson 23 is currently being curtailed due to excessive casing-head gas production as limited by the 2000 to 1 cubic feet of gas per barrel

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GOR limit. The well is now subject to being curtailed to approximately 30 barrels of oil per day with the present 160 mcf of gas per day gasoline.

Q What disposition is currently being made of the casing-head gas that is produced?

A The casing head gas is being sold to Skelly Oil Company and I have recently received a letter from Skelly in which they state they had pipeline capacity to handle easily the 400 mcf a day of gas from this well that we seek in this Application.

Q Do you wish to make that letter a part of the record in this Case? It has not been marked as an Exhibit.

A If the Commission so advises, we would be glad to.

Q Now, refer to what has been marked as Exhibit 4 and explain that Exhibit.

A Exhibit 4 is a diagrammatic wellbore sketch of Mobil E.O. Carson Well 23. As shown, this well was drilled to a total depth of 4600 feet with a completed open-hole interval from 4100 feet to 4600 feet, a Baker Model R packer is set at 4023 feet with 2-7/8 tubing run to the surface.

Q Would you now refer to Exhibit 5 and explain the

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purpose of that Exhibit?

A Exhibit 5 is a structure map of the Eunice-San Andres Pool that is contoured on top of the Grayburg Formation that exists in Section 33 and the South half of Section 28, Township 21 South, Range 37 East. As shown, Mobil's E.O. Carson 23 is on the crest of a local Grayburg-San Andres anomaly which is located on the major positive central basin platform structure in Lea County, New Mexico. Approximately 2 miles southeast of Mobil's E.O. Carson lease a group of San Andres wells are shown in red. These wells are completed in another pool known as the Eunice-San Andres South Pool.

Q This Exhibit shows the well which we have been discussing to be the only well in the designated Eunice-San Andres Pool, is that correct?

A Yes, sir. On this Exhibit you may note the cross-hatched line that exists in the North half of Section 33 depicts the outer boundary of the horizontal limits of the Eunice San Andres Pool. The small dashed line within that, near the center of Section 33, is the acreage dedicated to the subject well.

Q Will you now refer to what is marked as Exhibit 6?

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A Exhibit 6 is a cased hole gamma ray neutron log run on Mobil's E.O. Carson Well 23. The top of the San Andres Formation is shown at approximately 3840 feet in the subject well. Only the gamma ray curve was run in the open hole interval of this well so no porosity information is available in the producing interval of this well. Porosity logs run in other wells in the vicinity of the Eunice-San Andres Pool indicate that the porous interval in the San Andres section of the E.O. Carson 23 may have from 10 to 20 percent porosity. Micro logs run in other wells in the area in the high volumes of water produced in the San Andres producing wells in this vicinity indicate that good permeability does exist in this formation.

Q Now, by way of summary, Mr. Seerey, would you state Mobil's position with reference to this Application?

A Mobil requests the Commission's approval of exception to Rule 506 in order to establish a limiting GOR of 5000 cubic feet of gas per barrel of oil in the Eunice-San Andres Pool. Mobil's E.O. Carson Well 23 is the only well existing within the horizontal limits of the Eunice-San Andres Pool and its production is being limited by the gas limit now in effect. We believe that the Eunice-San Andres Pool is in an intermediate stage of

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depletion and that the reservoir characteristics of the subject pool presently available justify the establishment of a GOR limitation of 5000 cubic feet of gas per barrel.

Q Is it your opinion, Mr. Seerey, that the granting of this Application will prevent waste and not adversely affect any correlative rights of other operators in the area?

A Yes, sir, it is.

Q This well is within the City Limits of Eunice, is it not?

A Yes, it is.

MR. SPERLING: That is all we have at this time. I would like to offer Exhibits 1 through 6, Mr. Examiner.

MR. STAMETS: Exhibits 1 through 6 will be admitted into evidence.

(Whereupon, Mobil's Exhibits Nos. 1 through 6 were admitted into evidence.)

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Seerey, it looks as though from Exhibit No. 2 that the oil potential of the well has increased since July, is that correct?

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A Yes, sir, that's true.

Q Looking at Exhibit No. L, other wells surrounding this well had been drilled through the San Andres and apparently have been found to be nonproductive?

A Yes, sir, that's true.

Q This would be on the order of a salvage operation at this time?

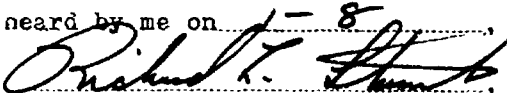
A We view it as strictly a salvage operation so much as we were ready to plug the well and suddenly decided to produce. I think that this would be the last attempt to produce the well.

MR. STAMETS: Any other questions of this Witness? He may be excused. Anything further in this case? We will take the case under advisement.

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

I, RICHARD L. NYE, 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 the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

  
RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5381, heard by me on 7-8, 1975.  
  
Richard L. Nye, Examiner  
New Mexico Oil Conservation Commission

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# OIL CONSERVATION COMMISSION

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

I. R. TRUJILLO  
CHAIRMAN

LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER

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

January 22, 1975

Mr. James E. Sperling  
Modrall, Sperling, Roehl, Harris & Sisk  
Attorneys at Law  
Post Office Box 2168  
Albuquerque, New Mexico 87103

Re: CASE NO. 5381  
ORDER NO. R-4940  
Applicant:  
Mobil Oil Corporation

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.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x  
Artesia OCC \_\_\_\_\_  
Aztec OCC \_\_\_\_\_

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. 5381  
Order No. R-4940

APPLICATION OF MOBIL OIL CORPORATION  
FOR A SPECIAL GAS-OIL RATIO LIMITATION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 8, 1975, at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this 22nd day of January, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Mobil Oil Corporation, seeks, as an exception to Rule 506 of the Commission Rules and Regulations, a limiting gas-oil ratio of 5,000 cubic feet of gas per barrel of oil in the Eunice-San Andres Pool, Lea County, New Mexico.

(3) That the Eunice-San Andres Pool is a one-well oil pool in the final stage of depletion.

(4) That the reservoir characteristics of the subject pool justify the establishment of a gas-oil limitation of 5,000 cubic feet of gas per barrel of liquid hydrocarbons.

(5) That in order to afford to the owner in the Eunice-San Andres Pool the opportunity to economically produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 5,000 cubic feet of gas per barrel of liquid hydrocarbons should be established for the pool.

-2-

Case No. 5381  
Order No. R-4940

IT IS THEREFORE ORDERED:

(1) That effective February 1, 1975, the limiting gas-oil ratio in the Eunice-San Andres Pool, Lea County, New Mexico, shall be 5,000 cubic feet of gas for each barrel of liquid hydrocarbons produced; that, effective February 1, 1975, each proration unit in the Eunice-San Andres Pool shall produce only that volume of gas equivalent to 5,000 multiplied by the top unit allowable for the pool.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman



*Phil R. Lucero*

PHIL R. LUCERO, Member

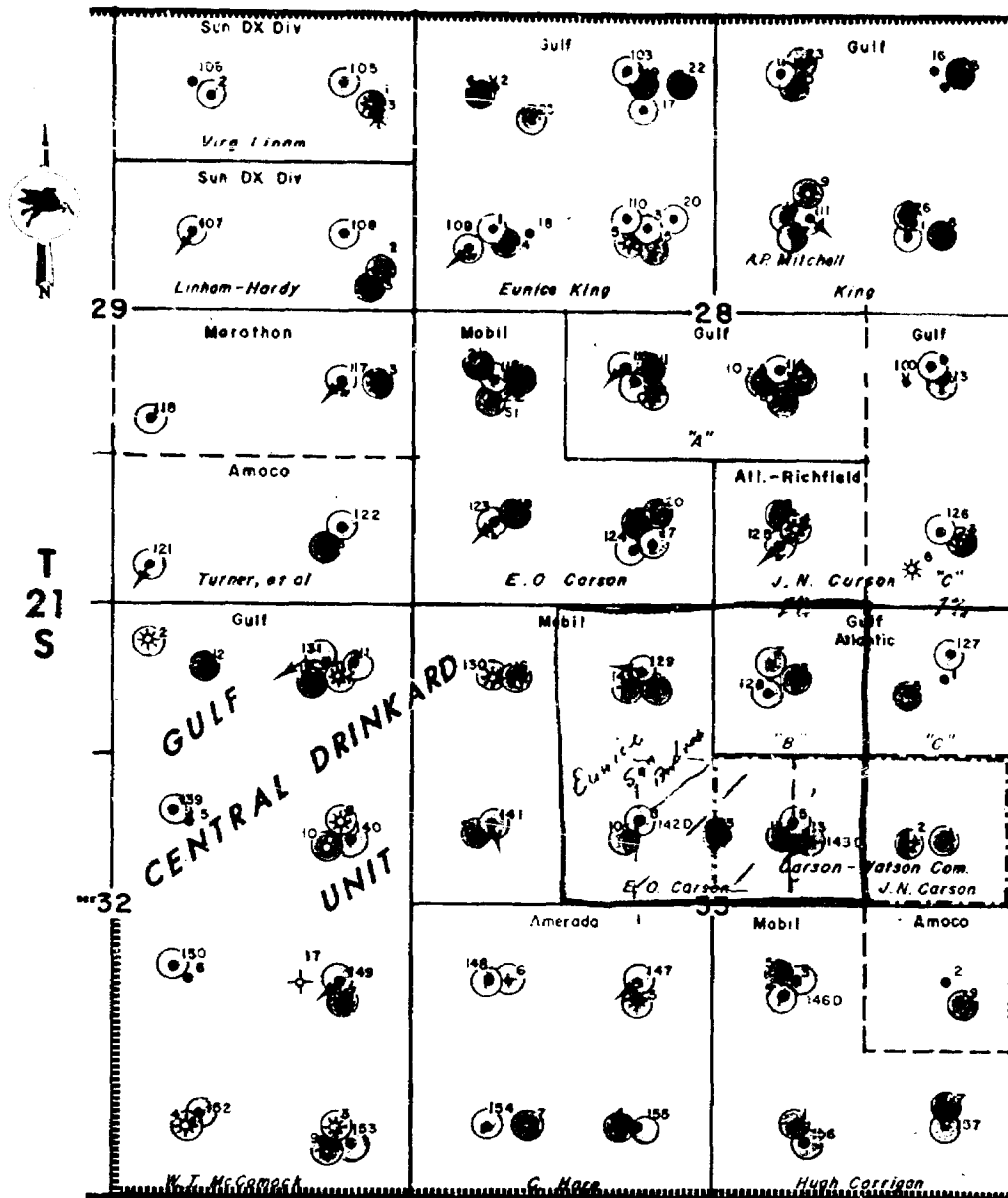
*A. L. Porter, Jr.*

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

S E A L

dr/

R - 37 - E



LEGEND

- |   |                      |
|---|----------------------|
| ● EUMONT QUEEN GAS<br>(Yates, Seven Rivers,<br>Queen, Penrose Sd. ) | ● BLINEBRY OIL       |
| ○ PENROSE-SKELLY GRAYBURG   | ○ TUBB GAS           |
| ● EUNICE SAN ANDRES   | ○ DRINKARD           |
| ● PADDOCK<br>(Glorieta, Yeso,<br>San Angelo )                       | ○ MCCORMACK SILURIAN |
| ● BLINEBRY GAS  | ○ HARE-SIMPSON       |
|   | ○ BRUNSON-ELLENBURGE |

BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 1  
CASE NO. 5381  
Submitted by Mobil Oil Corp  
Hearing Date 1/8/75

**Mobil Oil Corporation**

Midland Producing Area  
Midland, Texas

EUNICE AREA

LEA COUNTY, NEW MEXICO

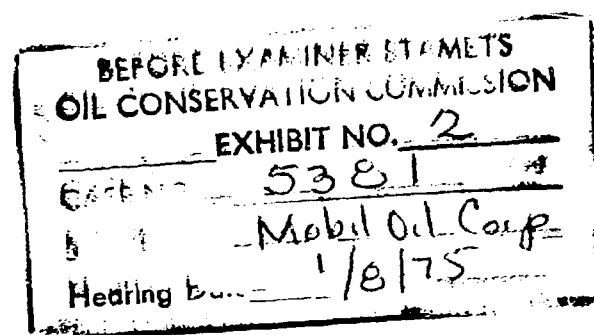
Scale

Date 11-1-74  
Drawn MLC  
Checked JWS  
Approved  
Revised

PRODUCTION TABULATION  
MOBIL'S E. O. CARSON WELL #23  
EUNICE SAN ANDRES POOL

YEAR	OIL		WATER		GAS		CUMULATIVE OIL BBL
	B/Y	BOPD	B/Y	BWPD	MCF/Y	MCFD	
1961	2845	15.8	91074	506	30150	168	2845
62	2808	7.7	46147	126	23400	64	5653
63	3424	9.4	46197	127	43997	121	9077
64	2342	6.4	51725	142	21200	58	11,419
65	1412	3.9	57045	156	8000	22	12,831
66	2061	5.6	64398	176	10250	28	14,892
67	2214	6.1	64075	176	26384	72	17,106
68	787	4.4	67989	377	6339	35	17,893

1974	OIL BOPM	WATER BWPM	GAS MCF/MO.	CUMULATIVE OIL BBL
July	202	6,397	2098	18,095
Aug.	623	17,204	8060	18,718
Sept.	602	12,882	5494	19,320
Oct.	462	7,289	9199	19,782
Nov.	720			20,502





NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-55

Lease Name: <u>Mobil Oil Corporation</u>		Pool: <u>Enrico San Andres</u>		County: <u>Lea</u>											
Box: <u>133, Midland, Texas 79701</u>		Type of Test: <input checked="" type="checkbox"/> (X)		Special: <input checked="" type="checkbox"/> (X)											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TUB. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL
		U	S	T	R						WATER BBL.	GRAV. OIL	OIL BBL.	GAS M.C.F.	
E.O. CARSON	23	G	33	21	37	12-1-74	F 2 1/4	300	24	24	508	37.6	4.2	220.9	5259

BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION

EXHIBIT NO. 3

CASE NO. 538

Submitted by Mobil Oil Corp

Hearing Date 1/8/75

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

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

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

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

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

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

[Signature]  
(Signature)  
Authorized Agent  
(Title)  
12-6-74  
(Date)

343' - 13 3/8"  
35.62 #/FT.  
325sx CIRC. CMT.

2786' - 9 5/8"  
36.0 #/FT.  
1600sx CIRC. CMT.

4100' - 7", 20 #/FT.  
460sx w/450 TOP

4420' FILLUP

4600' - TD, 6 1/4" HOLE

ELEV. 3459

TOP 450'

2 7/8" EUE TBG.

2 3/8"

4059' - BTM.  
2 3/8" TBG.  
(ONE JT.)

4020' - S.N. - 2 3/8"

4022' - BAKER MODEL R PKV, 2" x 7"

BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION

EXHIBIT NO. 4

CASE NO. 5381

Submitted by Mobil Oil Corp

Heating Date 1/8/75

NO.	DATE	BY	DESCRIPTION	CHK'D
<b>Mobil Oil Corporation</b> MIDLAND PRODUCING AREA				
E.O. CARSON #23 EUNICE SAN ANDRES POOL				
LEA COUNTY			NEW MEXICO	
DRAWN BY J.W.J.		CHECKED BY JHS		SCALE
DATE 12-16-74				
THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF MOBIL OIL CORPORATION AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF (PARTIAL OR COMPLETE) SHALL BE RETURNED TO THE OWNER ON DEMAND.				
DWG. NO.		A-465-C.E.		

- CASE 5381: Application of Mobil Oil Corporation for temporary special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of temporary special pool rules for the Eunice-San Andres Pool, Lea County, New Mexico, including a provision for a limiting gas-oil ratio of 5,000 to 1.
- CASE 5382: Application of Belco Petroleum Corporation for special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Los Medanos-Atoka Gas Pool, Eddy County, New Mexico, to provide for 320-acre spacing rather than 160 acres. In the absence of objection, this pool will be placed on the standard 320-acre spacing for Pennsylvanian Gas Pools rather than the present 160-acre spacing.
- CASE 5383: Application of Union Texas Petroleum Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Crosby Deep Well No. 3, located in Unit J of Section 33, Township 25 South, Range 37 East, Crosby Field, Lea County, New Mexico, in such a manner as to produce oil from the Fusselman formation and gas from the McKee formation through parallel strings of tubing.
- CASE 5384: Application of Atlantic Richfield Company for a non-standard gas proration unit, three unorthodox gas well locations, and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 240-acre non-standard gas proration unit comprising W/2 NE/4, W/2 SE/4, SE/4 SE/4, and SE/4 SW/4 of Section 32, Township 24 South, Range 37 East, Lea County, New Mexico, to be simultaneously dedicated to its State 157-E Well No. 1, located 2310 feet from the North and East lines, its State 157-C Com Well No. 1, located 330 feet from the South line and 2310 feet from the East line, and its State 157-C Well No. 2, located 990 feet from the South line and 330 feet from the East line, all unorthodox gas well locations in said Section 32.
- CASE 5385: Application of Yates Petroleum Corporation for pool creation and special pool rules and an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of the High Hope-Abo Gas Pool in Section 13, Township 17 South, Range 23 East, Eddy County, New Mexico, and the promulgation of special pool rules therefor, including a provision for 320-acre spacing and proration units. Applicant further seeks approval for the unorthodox location of its High Hope DJ Federal Well No. 1, located 690 feet from the North line and 480 feet from the West line of Section 13, Township 17 South, Range 23 East, Eddy County, New Mexico, the W/2 of said Section 13 to be dedicated to the well.
- CASE 5386: Application of Yates Petroleum Corporation for four dual completions and one unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the following dual completions in Township 17 South, Range 25 East, Eddy County, New Mexico:



# Mobil Oil Corporation

P. O. BOX 633  
MIDLAND, TEXAS 79701

Case 5381  
915-684-8211

November 6, 1974

New Mexico Oil Conservation Commission (2)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

MOBIL OIL CORPORATION'S REQUEST  
FOR A SPECIAL GOR LIMITATION  
EUNICE SAN ANDRES POOL,  
LEA COUNTY, NEW MEXICO

Gentlemen:

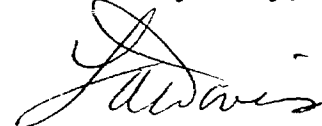
Mobil Oil Corporation respectfully requests the Commission's approval of an Exception to Rule 506 in order to establish a limiting GOR of 5000 cubic feet of gas per barrel in the Eunice San Andres Pool, Lea County, New Mexico. The subject pool is presently being produced subject to a GOR limitation of 2000 cubic feet of gas per barrel.

The only well presently producing both oil and gas from the subject pool is the Mobil E. O. Carson Well No. 23, located on the half-section line between the NW/4 and NE/4 of Section 33, T-21-S, R-37-E, Lea County, New Mexico. More specifically, the subject well is located 1980 feet from the north line and 2640 feet from the east line of said Section 33.

We believe that the reservoir characteristics of the subject pool presently available justify the establishment of a GOR limitation of 5000 cubic feet of gas per barrel. Mobil respectfully requests that the Commission consider this application for an Exception to Rule 506 and set this matter for an examiner hearing at the earliest possible date.

If there are any questions regarding this application, please call.

Yours very truly,



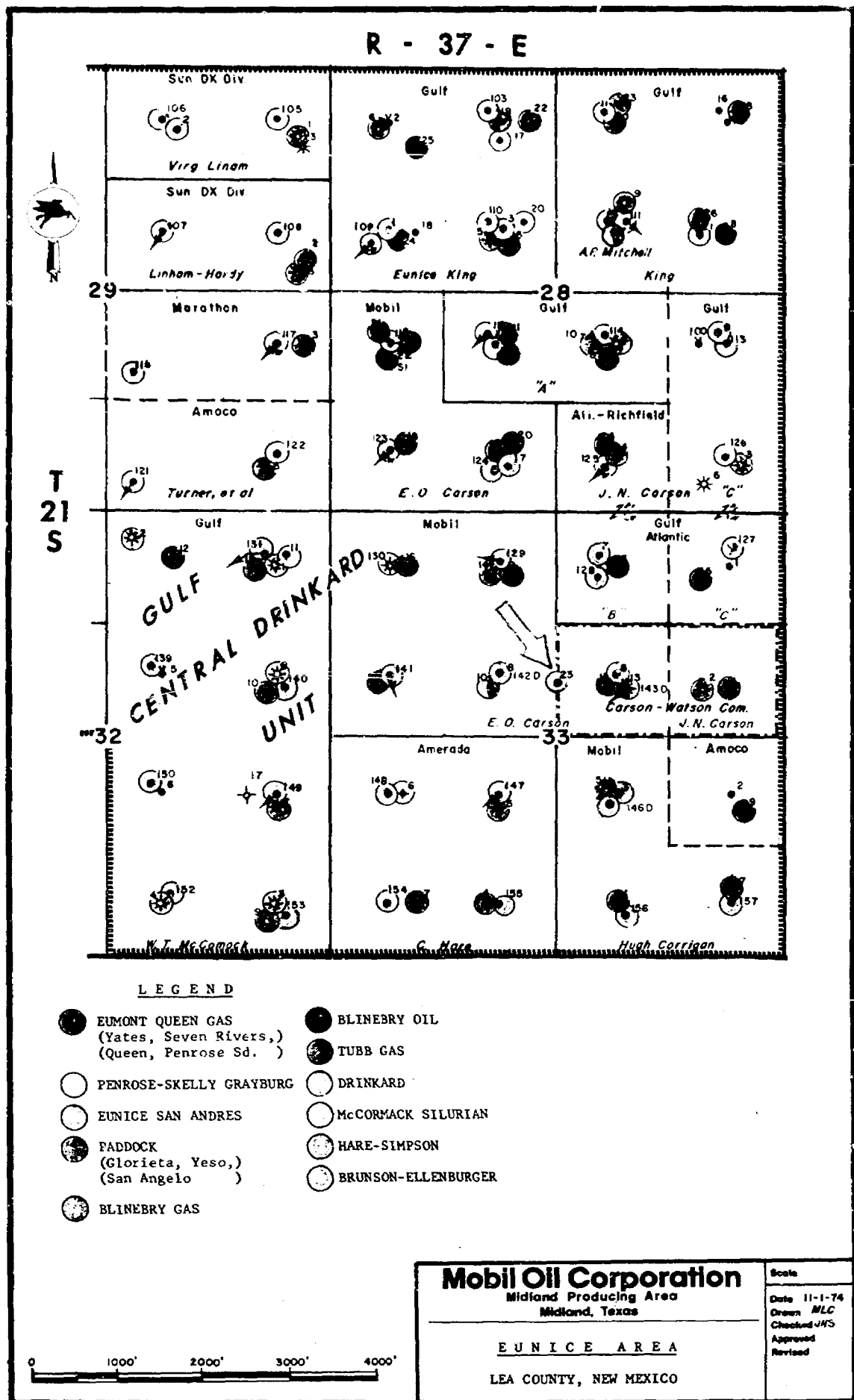
L. A. Davis  
Area Operations Engineer

JHSeerey/cs  
Attachment - Plat

cc: NMOCC - Dist. 1

DOCKET MAILED

Date 12-26-74



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:

APPLICATION OF ~~CONTINENTAL OIL~~  
COMPANY FOR A SPECIAL GAS-OIL  
RATIO LIMITATION, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on ~~May 22, 1974~~  
at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this ~~4th~~ day of ~~June~~, 1974, the Commission, a  
quorum being present, having considered the testimony, the  
record, and the recommendations of the Examiner, and being  
fully advised in the premises,

FINDS:

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

(2) That the applicant, ~~Continental Oil Company~~, seeks,  
as an exception to Rule 506 of the Commission Rules and Regula-  
tions, a limiting gas-oil ratio of ~~10,000~~ cubic feet of gas per  
barrel of oil in the ~~Weir Brinkard Pool~~, Lea County, New Mexico.

(4) That the reservoir characteristics of the subject  
pool justify the establishment of a gas-oil limitation of ~~10,000~~ 5,000  
cubic feet of gas per barrel of liquid hydrocarbons.

(5) That in order to afford to the owner of each property  
in the ~~Weir Brinkard Pool~~ the opportunity to produce his just  
and equitable share of the oil and gas in the subject pool and  
for this purpose to use his just and equitable share of the  
reservoir energy, a limiting gas-oil ratio of ~~10,000~~ cubic  
feet of gas per barrel of liquid hydrocarbons should be estab-  
lished for the pool.

IT IS THEREFORE ORDERED:

(1) That effective ~~July 1, 1974~~, the limiting gas-oil ratio  
in the ~~Weir Brinkard Pool~~, Lea County, New Mexico, shall be ~~10,000~~  
~~Eunice San Andres Pool~~, 5,000

(3) That the Eunice - San Andres Pool is a  
one-well oil pool in the final stages of  
depletion.

*San Andres* cubic feet of gas for each barrel of liquid hydrocarbons produced; that, effective ~~July 1, 1937~~ <sup>February 1, 1937</sup>, each proration unit in ~~the~~ *Cunice -* ~~the Weir-Drinkard~~ Pool shall produce only that volume of gas equivalent to ~~10,000~~ <sup>5,000</sup> multiplied by the top unit allowable for the pool.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*I. R. Trujillo*  
I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

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

S E A L

dr/