

CASE 5578: MOBIL OIL CORP. FOR A
NON-STANDARD GAS PRORATION UNIT 2
UNORTHODOX GAS WELL LOCATION, AND
SIMULTANEOUS DEDICATION, LEA COUNTY

CASE NO.

5578

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 5, 1975

EXAMINER HEARING

IN THE MATTER OF:

Application of Mobil Oil Corporation
for a non-standard gas proration unit,
two unorthodox gas well locations, and
simultaneous dedication, Lea County,
New Mexico.

CASE
5578

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 F. Carr, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant: James E. Sperling, Esq.
MODRALL, SPERLING, ROEHL,
HARRIS & SISK
Attorneys at Law
Public Service Building
Albuquerque, New Mexico

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

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I N D E X

Page

JOHN SEEREY

Direct Examination by Mr. Sperling

3

EXHIBIT INDEX

Page

Mobil's Exhibit No. One, Plat

8

Mobil's Exhibit No. Two, Form C-102

8

Mobil's Exhibit No. Three-A, Wellbore Sketch

8

Mobil's Exhibit No. Three-B, Wellbore sketch

8

Mobil's Exhibit No. Four, Form C-116

8

Mobil's Exhibit No. Five, Isopach Map

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Mobil's Exhibit No. Six, Acoustic Porosity Log

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1 MR. STAMETS: We will call the next Case, 5578.

2 MR. CARR: Case 5578, application of Mobil Oil
3 Corporation for a non-standard gas proration unit, two
4 unorthodox gas well locations, and simultaneous dedication,
5 Lea County, New Mexico.

6 MR. STAMETS: Call for appearances in this Case.

7 MR. SPERLING: James E. Sperling of Modrall,
8 Sperling, Roehl, Harris and Sisk, Albuquerque, New Mexico,
9 appearing for the applicant. We have one witness.

10 MR. STAMETS: Any other appearances? Will the
11 witness stand and be sworn, please?

12 (THEREUPON, the witness was duly sworn.)

13 JOHN SEEREY

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

16

17

DIRECT EXAMINATION

18 BY MR. SPERLING:

19 Q. Would you please state your name, your place of
20 residence and the company by whom you are employed and the
21 position in which you are employed?

22 A. My name is John Seerey, I'm employed by Mobil
23 Oil Corporation in the Midland Division office and I'm an
24 associate engineer.

25 Q. Are you familiar with the application that has

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1 been filed on behalf of Mobil in this matter?

2 A. Yes, I am.

3 Q. Would you please explain for the record what Mobil
4 seeks by the filing of the application?

5 A. Mobil Oil requests the amendment of Order No. 4510
6 to provide for the simultaneous dedication of the present
7 three hundred and twenty acre non-standard gas proration unit
8 to Mobil's E. O. Carson Number 22 located at an unorthodox
9 location in Unit L, six hundred and sixty feet from the west
10 line and eighteen hundred and eighty feet from the south
11 line of Section 28, Township 21 South, Range 37 East, and
12 to the presently producing E. O. Carson Well Number 4,
13 located in Unit N, six hundred and sixty feet from the south
14 line and nineteen hundred and eighty feet from the west line
15 of said Section 28.

16 We request authority to produce the allowable
17 assigned to this proration unit from either of the described
18 wells in any proportion.

19 Q. Would you now refer to what has been marked as
20 Exhibit One in this Case and explain the exhibit and its
21 purpose?

22 A. Exhibit One is a plat showing the location of
23 Mobil E. O. Carson lease in the Eumont gas pool. The
24 Eumont gas wells in the vicinity of the E. O. Carson are
25 shown enclosed by the triangles. The three hundred and

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1 twenty acre non-standard gas proration unit presently dedicated
2 to the E. O. Carson 4 is outlined in yellow. The wells of
3 this application, Number 4 and 22 are shown circled in red.

4 Q. Would you refer to what has been marked Exhibit
5 Number Two and identify that exhibit?

6 A. Exhibit Number Two is a Commission Form C-102,
7 the well location and the acreage dedication plat. It shows
8 the E. O. Carson Number 22 added to the present three hundred
9 and twenty acre non-standard gas proration unit with the
10 E. O. Carson Number 4.

11 Since the Commission's general rules for South-
12 eastern New Mexico state that no wells should be closer to
13 the outer boundary than nineteen hundred and eighty feet for
14 a standard six hundred and forty acre proration unit, this
15 exhibit shows E. O. Carson 22 of this application to be at
16 an unorthodox location.

17 Q. Would you refer now to the Exhibit marked Three-A?

18 A. Exhibit Three-A is a diagrammatic wellbore sketch
19 showing the E. O. Carson 22 wellbore as it is presently
20 completed. This well was completed as a Paddock and Wantz-Abo
21 dual in 1960, and ceased to produce in the Paddock in
22 November 1974. Well 22 is presently classified as
23 temporarily abandoned with a Commission permit.

24 Q. Would you refer to Exhibit Three-B?

25 A. Exhibit Three is a diagrammatic wellbore sketch

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1 showing the proposed recompletion of the E. O. Carson Well 22
2 in the Eumont gas pool.

3 A cast iron bridge plug is proposed to be set at
4 fifty-one hundred feet and capped with two sacks of hydromite.
5 The proposed overall interval to be perforated is thirty-three
6 hundred and seventy to thirty-five seventy-eight.

7 Q What is the producing capability of the present well
8 on this proration unit?

9 A Exhibit Four shows a copy of the latest Form C-116,
10 the gas-oil ratio test filed on the E. O. Carson Number 4.
11 This test shows Well Number 4 to be capable of six hundred and
12 fifty MCF of gas per day. However, actual production has been
13 averaging approximately five hundred and twenty-five MCF of gas
14 per day.

15 Q What is the current Eumont-Queen gas pool allowable
16 for three hundred and twenty acre proration units?

17 A The June 1975 top allowable for wells in the
18 Eumont gas pool with three hundred and twenty acre non-
19 standard units was forty-two thousand, seven hundred and
20 eighty-seven MCF per month or fourteen hundred and twenty-six
21 MCF a day.

22 The E. O. Carson Number 4 has been producing
23 a little over one-third of a three hundred and twenty acre
24 top allowable.

25 Q Do you have an estimate of the production capability

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1 of the E. O. Carson Well Number 22 after it has been re-
2 completed in the Eumont gas pool?

3 A. We believe that the E. O. Carson 22 will produce
4 approximately four hundred MCF of gas per day from the
5 Eumont gas pool. The estimated total production from the
6 three hundred and twenty acre proration unit with both wells,
7 4 and 22, producing is between nine hundred and a thousand
8 MCF of gas per day.

9 Q. Do you feel that the existing three hundred and
10 twenty acre non-standard gas proration unit can be reasonably
11 expected to be productive in the Eumont gas zone?

12 A. Yes, Exhibit Five is an isopach map of the
13 Eumont gas pool on the Mobil E. O. Carson lease, and as shown,
14 the entire three hundred and twenty acre proration unit is
15 considered to be productive. The total net feet of pay of
16 Eumont gas pay zones existing at certain wells is shown by
17 the figures enclosed in rectangular boxes.

18 Q. Would you refer to Exhibit Six?

19 A. Exhibit Six is an acoustic porosity log from the
20 E. O. Carson 22. The top of the Yates, Seven Rivers and Queen
21 formations are shown marked, as well as the Grayburg and the
22 San Andres.

23 The proposed Eumont gas pool perforations are
24 shown at the thirty-three seventy to the thirty-five seventy-
25 eight interval.

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1 Q Mr. Seerey, in your opinion will the granting of
2 this application prevent waste and protect the correlative
3 rights of those operators in the area?

4 A Yes, sir, we believe that approval of this request
5 will provide more efficient drainage of the three hundred and
6 twenty non-standard gas proration unit that exists and afford
7 the applicant the opportunity to produce its just and equitable
8 share of gas in the Eumont gas pool.

9 Q Were Exhibits One through Six prepared by you or
10 under your supervision?

11 A Yes, they were.

12 MR. SPERLING: We would like to offer Exhibits One
13 through Six at this time, Mr. Examiner.

14 MR. STAMETS: Exhibits One through Six will be
15 admitted.

16 Are there any questions of this witness? He
17 may be excused.

18 (THEREUPON, the witness was excused.)

19 MR. STAMETS: Is there anything further in this
20 Case? We will take the Case under advisement.

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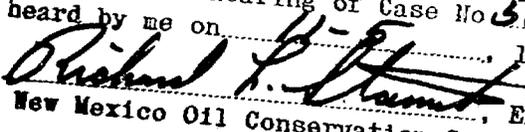
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REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a 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.


Sidney F. Morrish, Court Reporter

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General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5578 heard by me on 4-9, 1975

Richard P. Stant, Examiner
New Mexico Oil Conservation Commission

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. 5578
Order No. R-5120

APPLICATION OF MOBIL OIL CORPORATION
FOR A NON-STANDARD GAS PRORATION UNIT,
TWO UNORTHODOX GAS WELL LOCATIONS AND
SIMULTANEOUS DEDICATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 5, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 17th day of November, 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 approval of the simultaneous dedication of a 320-acre non-standard gas proration unit comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28 and the NW/4 and SW/4 NE/4 of Section 33, Township 21 South, Range 37 East, NMPM, Eumont Gas Pool, to be dedicated to its E. O. Carson Wells Nos. 4 and 22, located at unorthodox locations, respectively, in Units N and L of said Section 28.

(3) That the entire non-standard proration unit may reasonably be presumed productive of gas from the Eumont Gas Pool and that the entire non-standard gas proration unit can be efficiently and economically drained and developed by the aforesaid wells.

(4) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Eumont Gas Pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

-2-

Case No. 5578
Order No. R-5120

(5) That Commission Order No. R-4510 dated June 15, 1973, should be superseded.

IT IS THEREFORE ORDERED:

(1) That approval is hereby given to simultaneously dedicate a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28, and the NW/4 and SW/4 NE/4 of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, to applicant's E. O. Carson Wells Nos. 4 and 22 located, respectively, at unorthodox locations in Units N and L of said Section 28.

(2) That Commission Order No. R-4510 is hereby superseded.

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

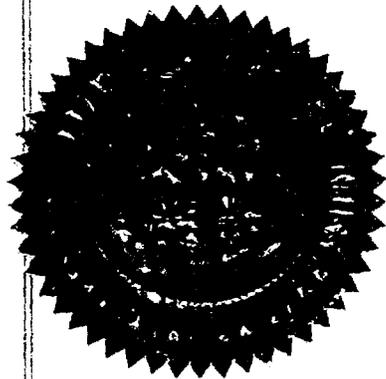
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


PHIL R. LUCERO, Chairman


EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary



S E A L

dr/

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

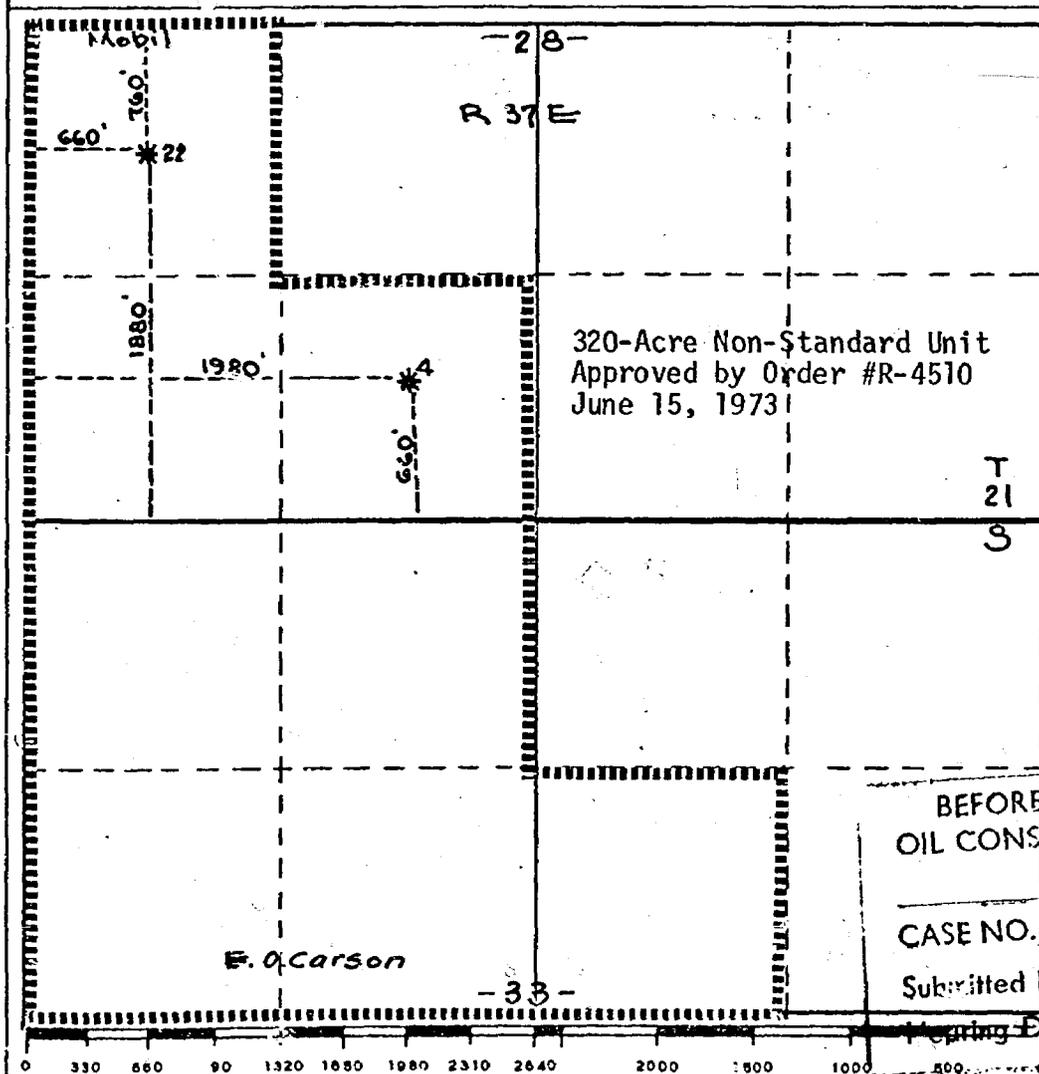
Operator Mobil Oil Corporation			Lease E. O. Carson		Well No. 22
Unit Letter L	Section 28	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the West line and 1880 feet from the South line					
Ground Level Elev. 3460'	Producing Formation Queen	Pool Eumont Gas Pool	Dedicated Acreage: 320 (2 wells) Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

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



CERTIFICATION

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

Name J. H. Seerey
J. H. Seerey

Position
Associate Engineer

Company
Mobil Oil Corporation

Date

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

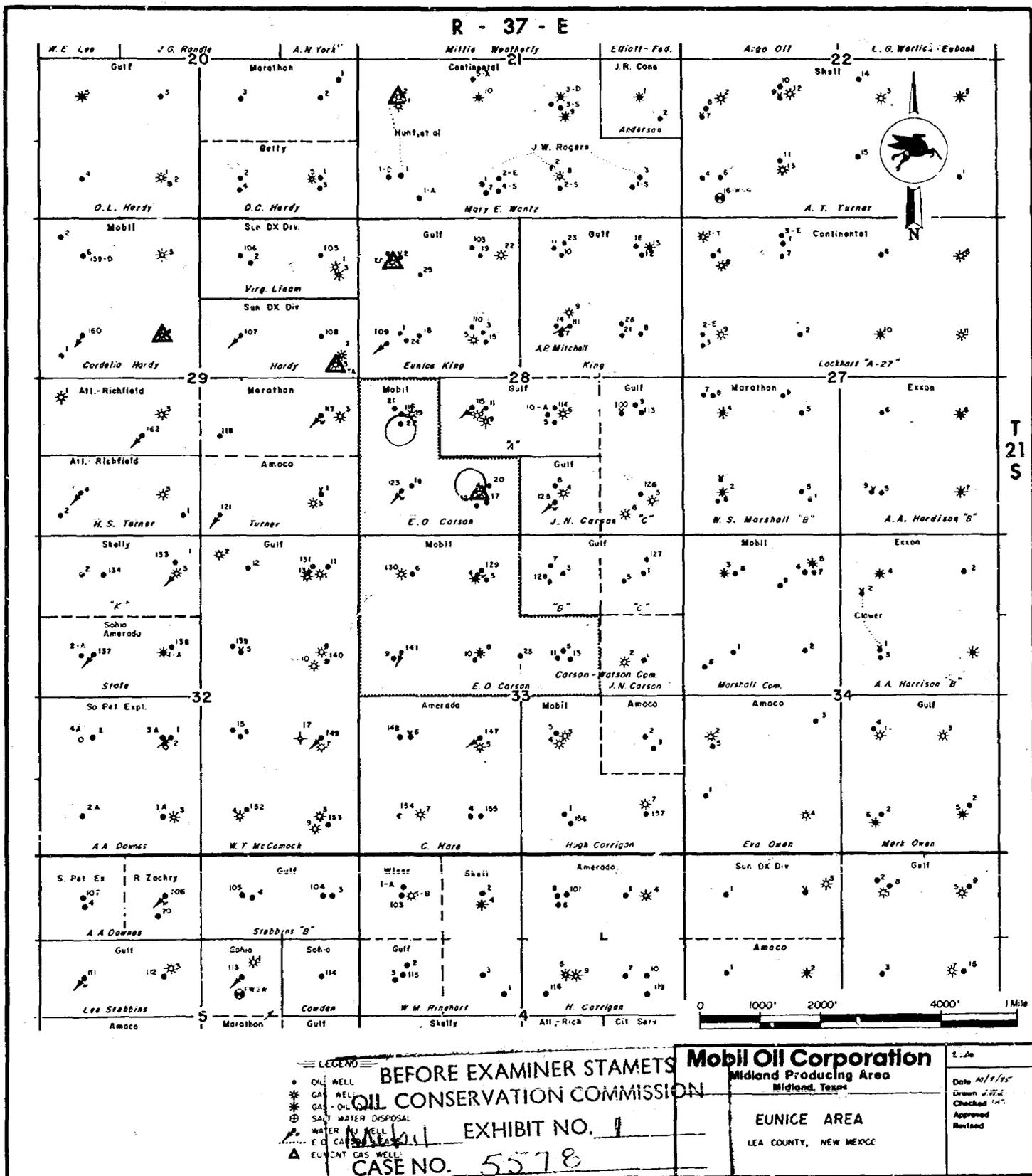
BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

Registered Professional Engineer
and/or Land Surveyor 2378

CASE NO. _____
Submitted by Mobil

Certificate No. Nov 5, 1973



LEGEND

- OIL WELL
- * GAS WELL
- ⊕ GAS - OIL WELL
- ⊖ SALT WATER DISPOSAL
- ⊙ WATER WELL
- ⊕ E.C. CASE
- △ EUNICE GAS WELL

Mobil Oil Corporation
Midland Producing Area
Midland, Texas

EUNICE AREA
LEA COUNTY, NEW MEXICO

Date 11/1/75
Drawn J.P.E.
Checked 1/1/75
Approved
Revised

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

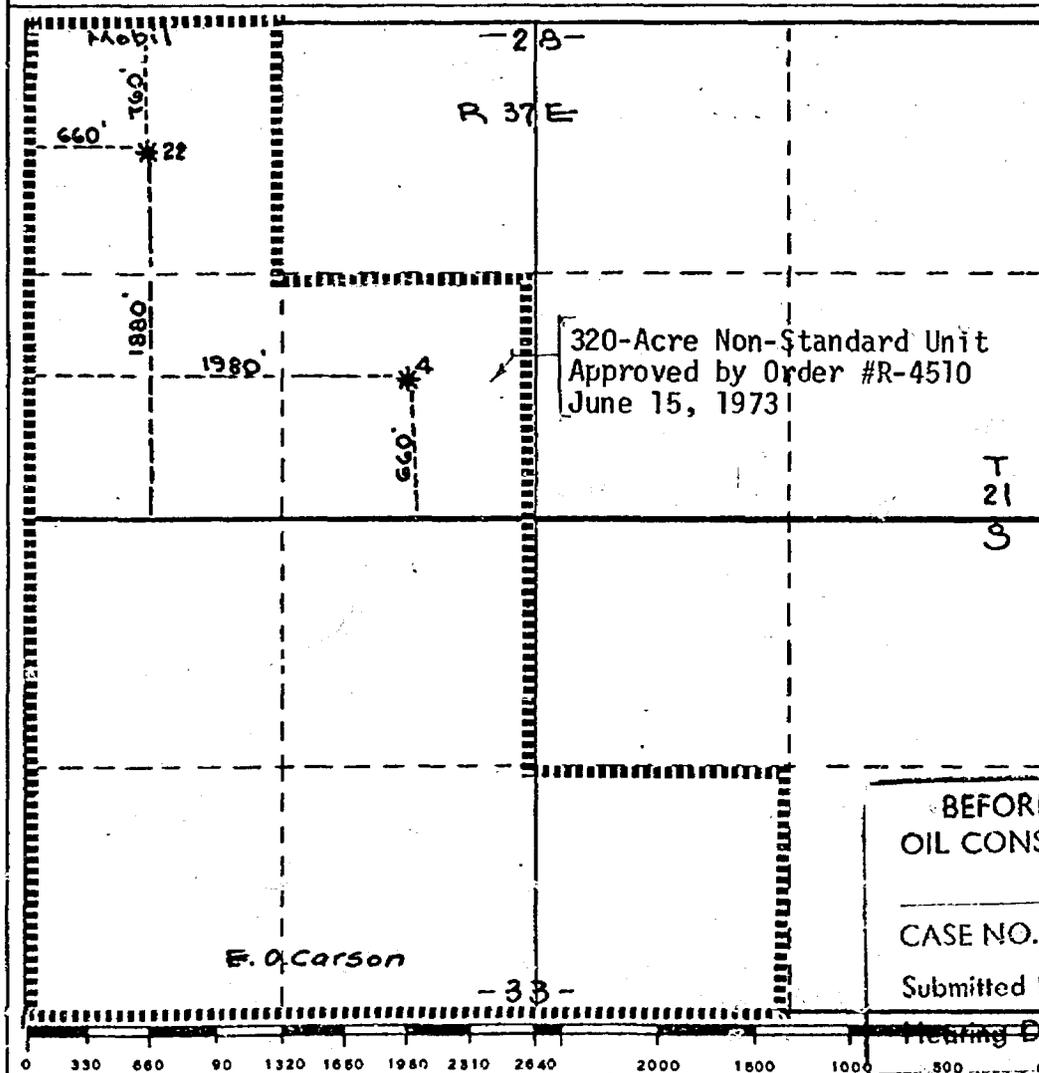
All distances must be from the outer boundaries of the Section.

Operator Mobil Oil Corporation		Lease E. O. Carson		Well No. 22
Unit Letter L	Section 28	Township 21-S	Range 37-E	County Lea
Actual Footage Location of Well: 660 feet from the West line and 1880 feet from the South line				
Ground Level Elev. 3460'	Producing Formation Queen	Pool Eumont Gas Pool	Dedicated Acreage: 320 (2 wells) Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation _____

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

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



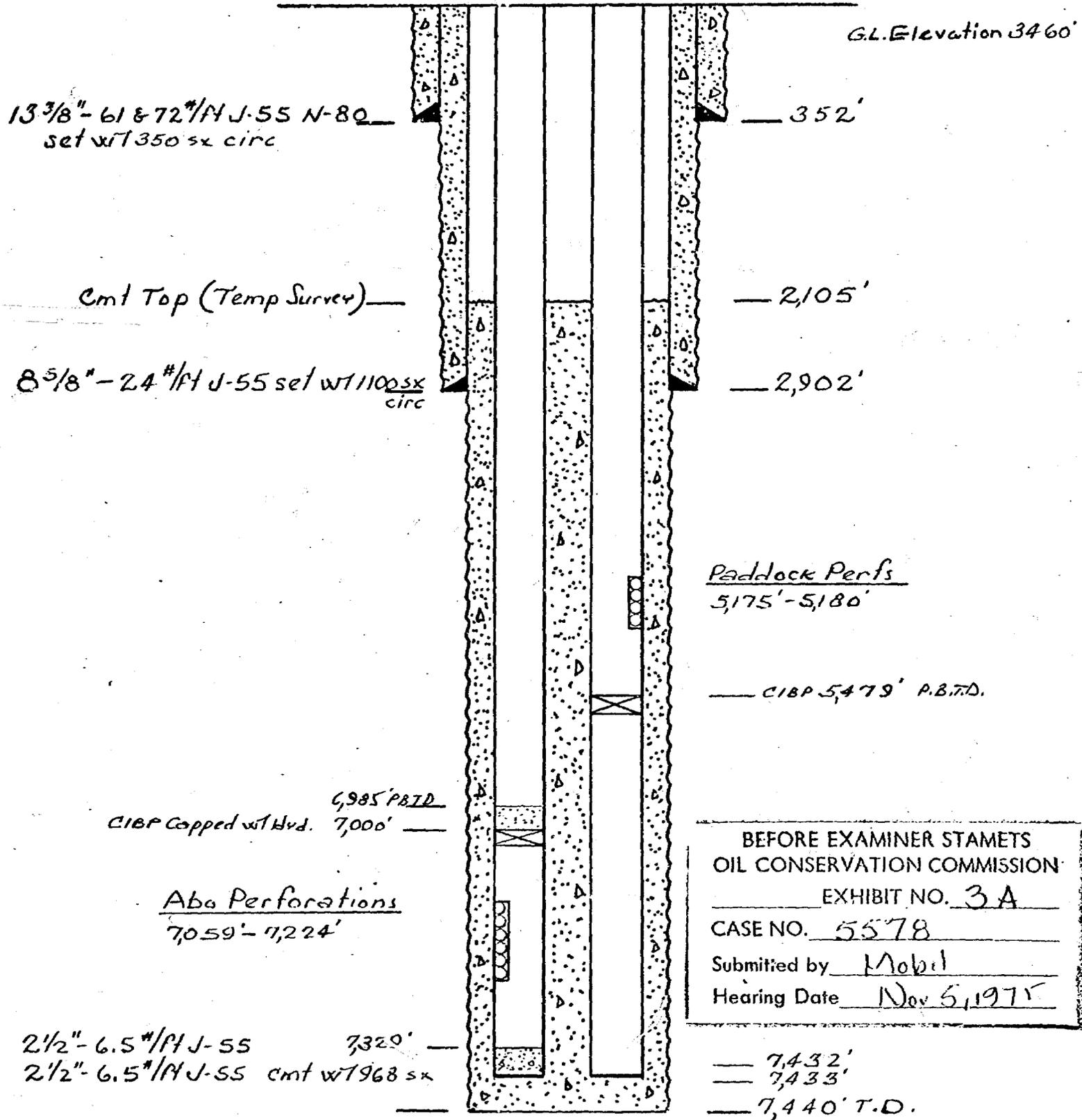
CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>J. H. Seerey</i>
Position	Associate Engineer
Company	Mobil Oil Corporation
Date	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	<i>2</i>
Registered Professional Engineer and/or Land Surveyor	<i>5578</i>
CASE NO.	
Submitted by	<i>Mobil</i>
Hearing Date	
Certificate No.	<i>Nov 5, 1975</i>

Diagrammatic Well Sketch

E. O. Carson Well No. 22

Paddock Pool

Lea County, New Mexico



BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

EXHIBIT NO. 3A

CASE NO. 5578

Submitted by Mobil

Hearing Date Nov 5, 1975

10-7-75
ICW

Diagrammatic Well Sketch

E. O. Carson Well No. 22

Eumont Gas Pool

Lea County New Mexico

Proposed Completion

GL. Elevation 3460'

13 3/8" - 61 & 72 # / M J - 55 N - 80
set wt 7350 sx circ

352'

Cmt Top (Temp Survey)

2,105'

8 5/8" - 24 # / M J - 55 set wt 1100 sx
circ

2,902'

Eumont Queen Gas Perfs
3,370' - 3,578' - 53 holes

CIBP 5,100' capped wt 2"
Nwd.

Paddock Perfs
5,175' - 5,180'

CIBP 5,479' P.B.T.D.

6,985' P.B.T.D.
CIBP Capped wt Hvd. 7,000'

Abo Perforations
7,059' - 7,224'

2 1/2" - 6.5 # / M J - 55 7,329'
2 1/2" - 6.5 # / M J - 55 cmt wt 1968 sx

7,432'
7,433'
7,440' T.D.

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3 B
CASE NO. 5578
Submitted by Mobil
Hearing Date Nov 5, 1975

10-7-75
ICW

GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool				County										
Mobil Oil Corporation		Eumont Gas				Lea										
Address						TYPE OF TEST - (X)		Scheduled <input checked="" type="checkbox"/>		Completion <input type="checkbox"/>		Special <input type="checkbox"/>				
Box 633, Midland, Texas 79701																
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	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	4	N	28	21	37	4-16-75	P	1"			24	3	0	650		
General G State	1	D	16	20	37	5-7-75	F	1"	170		24	0	0	940		
C. Hardy	4	F	29	21	37	5-7-75	F	1"	170		24	0	0	160		

BEFORE EXAMINER STATES
OIL CONSERVATION COMMISSION

EXHIBIT NO. 4

CASE NO. 5578

Submitted by Mobil

Hearing Date Nov 5 1975

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.

Christine O. Jusick
(Signature)

Authorized Agent
(Title)

6-20-75
(Date)

Docket No. 28-75

Dockets Nos. 29-75 and 30-75 are tentatively set for hearing on November 19 and December 3, 1975. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 5, 1975

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 5533: (Continued from September 24, 1975 Examiner Hearing)

Application of Southern Union Production Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Ellenburger formation underlying the N/2 of Section 21, Township 12 South, Range 26 East, Chaves County, New Mexico, to be dedicated to a well to be drilled at an orthodox location in Unit 7 of said Section 21. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the applicant as the operator of the well and a charge for the risk involved in drilling said well.

CASE 5565: (Continued from October 8, 1975 Examiner Hearing)

Application of Atlantic Richfield Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Vacuum Grayburg-San Andres Pool by injection of water through seven wells on its State "B" and State "C" Leases, six of said wells being converted producers located in Units C, E, I, K, M, and O of Section 32, Township 17 South, Range 34 East, Lea County, New Mexico, and the seventh being a new well drilled at an unorthodox location 250 feet from the South line and 2250 feet from the West line of said Section 32. Applicant further seeks an administrative procedure whereby the project area could be expanded and additional wells at standard and non-standard locations put on injection and production.

CASE 5576: (Continued from October 22, 1975 Examiner Hearing)

Application of George D. Riggs for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Saladar-Yates Pool by the injection of water through his Hughes-Federal No. 4, Malco Well No. 2, and Mayfield Federal No. 4 Wells located, respectively, in Units F, L, and O of Section 33, Township 20 South, Range 28 East, Eddy County, New Mexico.

CASE 5578: Application of Mobil Oil Corporation for a non-standard gas proration unit, two unorthodox gas well locations, and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of a 320-acre non-standard gas proration unit comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28, and the NW/4 and SW/4 NE/4 of Section 33, Township 21 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, to its E. O. Carson Wells Nos. 4 and 22 located in Units N and respectively, of said Section 28.

CASE 5579: Application of Exxon Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Laguna Grande Unit Area comprising 7640 acres, more or less, of Federal, State, and fee lands in Township 23 South, Range 29 East, Eddy County, New Mexico.

CASE 5580: Application of Cities Service Oil Company for compulsory pooling and an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the W/2 of Section 18, Township 22 South, Range 27 East, South Carlsbad Gas Field, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1650 feet from the South line and 1980 feet from the West line of said Section 18. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5581: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Astro-Tex Oil Corporation of New Mexico, American Employers' Insurance Company and all other interested parties to appear and show cause why the Cain Well No. 2 located in Unit J of Section 22, Township 15 North, Range 33 East, NMPM, Harding County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5582: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy, Lea, and Chaves Counties, New Mexico.

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Bass-Morrow Gas Pool. The discovery well is the Perry R. Bass Big Eddy Unit Well No. 39 located in Unit G of Section 29, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM
Section 29: E/2

(b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the South Carlsbad-Cherry Canyon Pool. Further to assign approximately 16,275 barrels of oil discovery allowable to the discovery well, the Belco Petroleum Company Martin Com Well No. 2, located in Unit F of Section 20, Township 22 South, Range 27 East, NMPM. Said well was completed September 12, 1975. The top of the perforations is at 3255 feet. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 20: NW/4

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Corral Draw-Wolfcamp Gas Pool. The discovery well is the Mobil Oil Corporation Corral Draw Unit Well No. 2 located in Unit K of Section 22, Township 25 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 29 EAST, NMPM
Section 22: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Phantom Draw-Wolfcamp Gas Pool. The discovery well is the Texas Pacific Oil Company, Inc. Phantom Draw Unit Well No. 1, located in Unit M of Section 20, Township 26 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 31 EAST, NMPM
Section 20: SW/4

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Sand Dunes-Bone Springs Pool. The discovery well is the Skelly Oil Company Federal Sand 18 Well No. 1, located in Unit H of Section 18, Township 23 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM
Section 18: E/2

(f) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 1: W/2
Section 3: E/2

(g) EXTEND the South Bell Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
Section 6: S/2
Section 7: N/2

(h) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 27: NW/4

(i) EXTEND the Casey-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
Section 34: NW/4

(j) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 2: NE/4

(k) EXTEND the Cemetary-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM
Section 28: N/2

(l) EXTEND the Double L-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
Section 32: SE/4
Section 33: SW/4

(m) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 18: NE/4

(n) EXTEND the Indian Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 18: S/2 NE/4 & E/2 SW/4

(o) EXTEND the West Knowles-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
Section 35: NW/4

(p) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM
Section 3: NW/4

(q) EXTEND the Llano-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 35 EAST, NMPM
Section 31: NE/4

(r) EXTEND the Penasco Draw San Andres-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM
Section 1: SE/4 SW/4

(s) EXTEND the Red Tank-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM
Section 17: All

(t) EXTEND the Sand Dunes-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
Section 25: W/2

(u) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 23: E/2 SW/4

(v) EXTEND the Tom Tom-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 27: SE/4

(w) EXTEND the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 28: SE/4

(x) EXTEND the Tulk-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 32 EAST, NMPM
Section 27: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 35: SE/4

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 2: E/2

(z) EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 3: SE/4

(aa) EXTEND the Wantz-Granite Wash Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 1: NE/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 19: SE/4

(bb) EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 34: NW/4

Mobil Oil Corporation

October 8, 1975

P. O. BOX 633
MIDLAND, TEXAS 79701

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

Attention: Mr. Joe D. Ramey

Case 5578
See for hearing
Non std proration
Simultaneous Dedication
Non std location

REQUEST FOR AMENDMENT TO ORDER NO. R-4510
TO PROVIDE FOR THE SIMULTANEOUS DEDICATION
OF THE PRESENT NON-STANDARD 320-ACRE GAS
PRORATION UNIT TO MOBIL'S E. O. CARSON
WELL NO. 22, AT AN UNORTHODOX LOCATION,
AND TO MOBIL'S E. O. CARSON WELL NO. 4,
EUMONT GAS POOL, LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests the Commission's approval of our application for the amendment of Order R-4510 to provide for the simultaneous dedication of the present non-standard 320-acre gas proration unit to Mobil's E. O. Carson Well No. 22, located at an unorthodox location in Unit L, 660 ft from the west line and 1880 ft from the south line of Section 28, T-21-S, R-37-E, and to the presently producing E. O. Carson Well No. 4, located in Unit N, 660 ft from the south line and 1980 ft from the west line of said Section 28. The 320-acre non-standard gas proration unit approved by Order No. R-4510 and presently dedicated to the E. O. Carson Well No. 4 is comprised of the W/2 SW/4 and SE/4 SW/4 Section 28, T-21-S, R-37-E; and the NW/4 and SW/4 NE/4 Section 33, T-21-S, R-37-E, Eumont Gas Pool, Lea County, New Mexico.

The E. O. Carson Well No. 4 was recompleted as a gas well in the Eumont Gas Pool in early 1973. The production from Well No. 4 has demonstrated that this well can only produce approximately one-third of a normal 320-acre allowable; therefore, we believe that it is necessary to recomplete the E. O. Carson Well No. 22 as a Eumont gas well and add it as a second well on the proration unit. The E. O. Carson Well No. 22 was completed in October, 1960, at an orthodox location, as a dual completion in the Paddock Pool and Wantz-Abo Pool. We request authority to produce the allowable assigned to the above proration unit from either of the described wells in any proportion.

A plat showing the subject wells and a plat showing the present 320-acre non-standard proration unit are attached for your reference. If the Commission cannot grant this request administratively, we request that this matter be set for hearing on the November 5, 1975 docket. If there are any further questions, please advise.

Yours very truly,


L. A. Davis
Area Operations Engineer

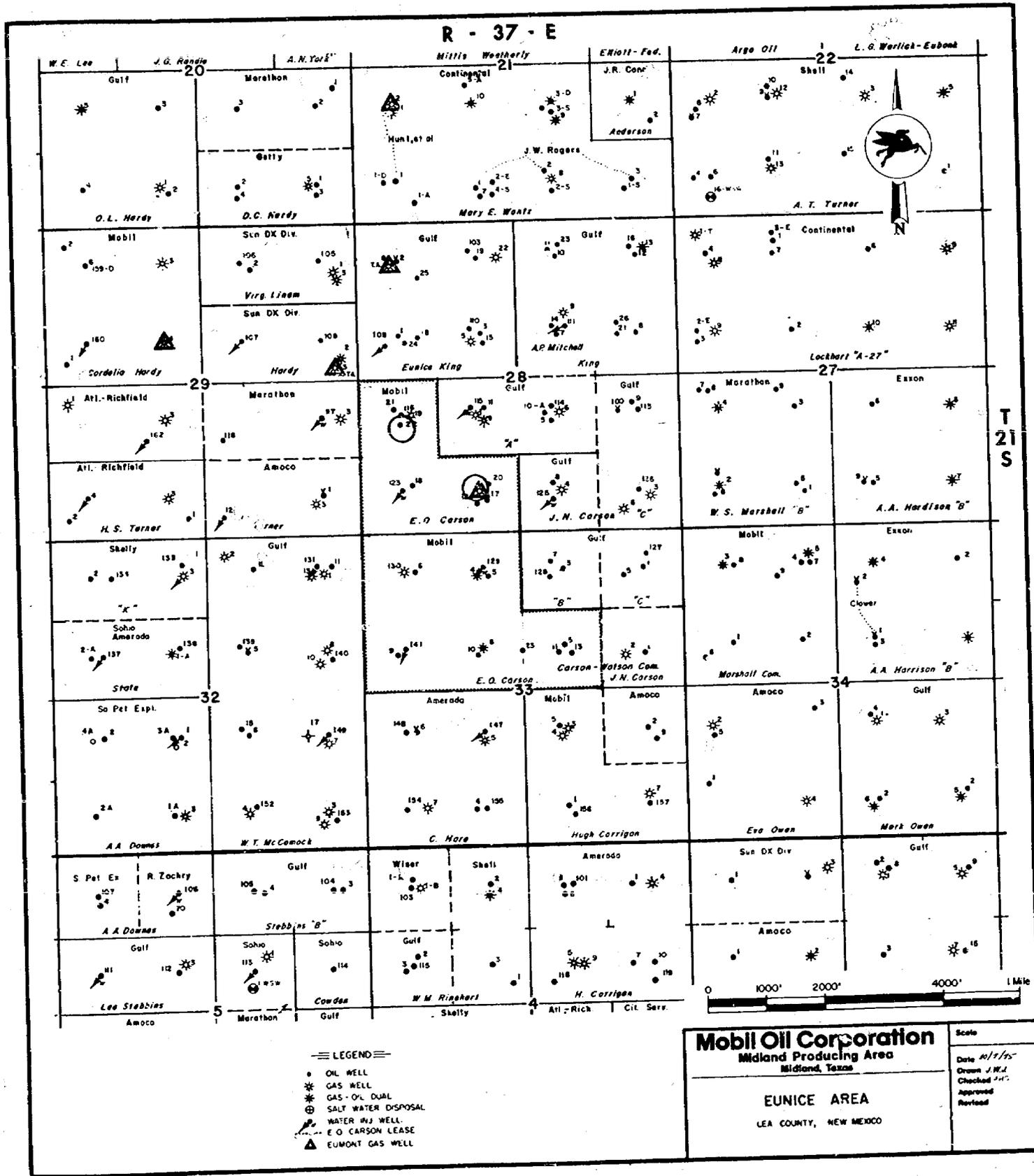
DOCKET MAILED

Date 10/27/75

JHSeerey/cs
Attachment

cc: NMOCC Dist. 1
James E. Sperling

Case 5578



DRAFT

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

dr/

[Handwritten signature]

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

CASE NO. 5578

[Handwritten signature]

Order No. R- 5120

APPLICATION OF MOBIL OIL CORPORATION
FOR A NON-STANDARD GAS PRORATION UNIT,
TWO UNORTHODOX GAS WELL LOCATIONS AND
SIMULTANEOUS DEDICATION, LEA COUNTY,
NEW MEXICO.

[Handwritten signature]

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 5,
1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this day of November, 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 approval
of the simultaneous dedication of a 320-acre non-standard gas
proration unit comprising the W/2 SW/4 and the SE/4 SW/4 of
Section 28 and the NW/4 and SW/4 NE/4 of Section 33, Township 21
South, Range 37 East, NMPM, Eumont Gas Pool, to be dedicated to
~~xxxxxx~~ its E. O. Carson Wells Nos. 4 and 22, located at unorthodox
locations, respectively, in Units N and L of said Section 28.

(3) That the entire non-standard proration unit may reasonably
be presumed productive of gas from the Eumont Gas Pool and that
the entire non-standard gas proration unit can be efficiently and
economically drained and developed by the aforesaid well S.

*That Commission Order No. R-4570 is hereby
June 13, 1973, should be superseded.*

-2-
Case No. 5578
Order No. R-

(4) That approval of the subject application will afford the applicant the opportunity to produce ~~his~~^{its} just and equitable share of the gas in the Eumont Gas Pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That approval is hereby given to simultaneously dedicate a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the W/2 SW/4 and the SE/4 SW/4 of Section 28, and the NW/4 and SW/4 NE/4 of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, to applicant's E. O. Carson Wells Nos. 4 and 22 located, respectively, at unorthodox locations in Units N and L of said Section 28.

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

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

*(2) That Commission Order No R-4570
is hereby superseded.*