

CASE 5690: MOBIL OIL CORP. FOR
AMENDMENT OF ORDER NO. R-5120,
LEA COUNTY, NEW MEXICO

CASE NO.

5690

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.



OIL CONSERVATION COMMISSION

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



DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO
July 6, 1976

STATE GEOLOGIST
EMERY C. ARNOLD

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

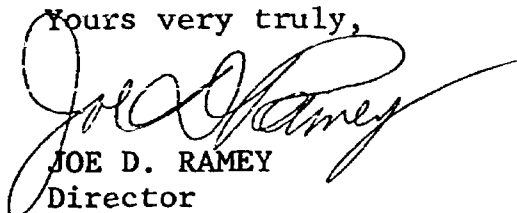
Re: CASE NO. 5690
ORDER NO. R-5120-A

Applicant:
Mobil Oil Corporation

Dear Sir:

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

Yours very truly,


JOE D. RAMEY
Director

JDR/fd

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. 5690
Order No. R-5120-A

APPLICATION OF MOBIL OIL CORPORATION
FOR AMENDMENT OF ORDER NO. R-5120,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 9, 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 6th day of July, 1976, 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, is the owner and operator of its E. O. Carson Lease comprising the W/2 SW/4 and SE/4 SW/4 of Section 28, and the NW/4 and SW/4 NE/4 of Section 33, all in Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That by Order No. R-5120, dated November 17, 1975, the Commission approved a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the above-described lands, to be simultaneously dedicated 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.

(4) That the applicant seeks the amendment of Commission Order No. R-5120 to provide that said 320-acre non-standard gas proration unit would also be simultaneously dedicated to its E. O. Carson Well No. 23 located 1980 feet from the North line and 2640 feet from the West line of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

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Case No. 5690
Order No. R-5120-A

(5) That the simultaneous dedication of said unit to the aforesaid Wells Nos. 4 and 22 as well as to said Well No. 23 will better enable applicant to produce its just and equitable share of the hydrocarbons in place under its lease, will not cause waste and will not impair correlative rights, and should be approved.

(6) That said Well No. 23 should, for location identification purposes, hereinafter be referred to as being in Unit F of said Section 33.

IT IS THEREFORE ORDERED:

(1) That Order No. (1) on Page 2 of Commission Order No. R-5120 is hereby amended to read in its entirety as follows:

"(1) That approval is hereby given to simultaneously dedicate a 320-acre non-standard gas proration unit in the Lumont Gas Pool comprising the W/2 SW/4 and 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 the Mobil Oil Corporation E. O. Carson Wells Nos. 4 and 22 located, respectively, at unorthodox locations in Units N and L of said Section 28, and to its E. O. Carson Well No. 23, at an unorthodox location in Unit F of said Section 33."

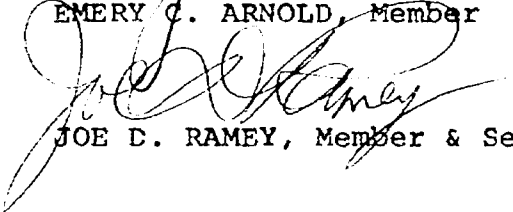
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

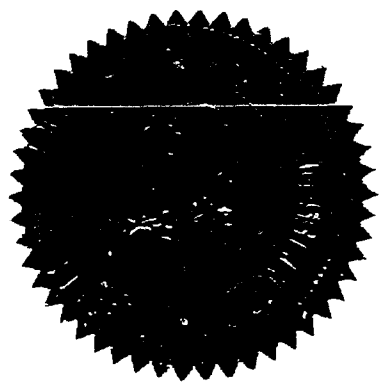
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman


EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary


S E A L

jr/

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 9, 1976

EXAMINER HEARING

IN THE MATTER OF:

Application of Mobil Oil Corporation) CASE
amendment of Order No. R-5120,) 5690
Lea County, New Mexico.)

BEFORE: Daniel S. Nutter, 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

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

I N D E X

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1 MR. NUTTER: We will call Case Number 5690.

2 MR. CARR: Case 5690, application of Mobil Oil
3 Corporation for amendment of Order No. R-5120, Lea County,
4 New Mexico.

5 MR. SPERLING: James E. Sperling, Modrall, Sperling,
6 Roehl, Harris and Sisk, Albuquerque, appearing for the
7 Applicant, Mobil Oil Corporation and we have one witness.

8 (THEREUPON, the witness was duly sworn.)

9
10 JOHN SEEREY

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

13
14 DIRECT EXAMINATION

15 BY MR. SPERLING:

16 Q Would you please state your name, your place of
17 residence, employer and the capacity in which you are
18 employed?

19 A My name is John Seerey, I'm Associate Engineer with
20 Mobil Oil Corporation in the Midland Production Office.

21 Q Have you on any previous occasion testified before
22 the Commission so that your qualifications are a matter of
23 record?

24 A Yes, I have.

25 MR. SPERLING: Are the witness's qualifications

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1 satisfactory, Mr. Examiner?

2 MR. NUTTER: Yes, they are.

3 Q (Mr. Sperling continuing.) Okay. Are you familiar
4 with the application which has been filed on behalf of Mobil
5 in this matter?

6 A Yes, I am.

7 Q Would you explain for the record what is sought by
8 the application?

9 A Mobil requests the amendment of Order No. 5120 to
10 provide for the simultaneous dedication of the present three-
11 hundred-and-twenty-acre non-standard gas proration unit to
12 Mobil's E. O. Carson Well No. 23 located in an unorthodox
13 location twenty-six hundred and forty feet from the west line
14 and nineteen hundred and eighty feet from the north line of
15 Section 33, Township 21 South, Range 37 East, Lea County,
16 New Mexico and to the presently producing E. O. Carson Well
17 No. 22 which is located in an unorthodox location in Unit "L",
18 six, sixty from the west line and eighteen, eighty from the
19 south line of Section 28, Township 21 South, Range 37 East
20 and to the E. O. Carson No. 4 Well located in Unit "N", six
21 hundred and sixty feet from the south line and nineteen hundred
22 and eighty feet from the west line of Section 28.

23 We further request authority to produce the allowable
24 assigned to this proration unit from either of the described
25 wells or any of the described wells in any proportion.

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

3 A Exhibit One is a plat showing the location of
4 Mobil's E. O. Carson lease in the Eumont Gas Pool.

5 The Eumont gas wells in the vicinity of the E. O.
6 Carson lease are shown enclosed by a triangle. The three-
7 hundred-and-twenty-acre gas proration unit presently dedicated
8 to the E. O. Carson Wells Nos. 4 and 22 is shown outlined
9 in yellow.

10 The wells of this application, the Wells 4, 22 and
11 23 are shown circled in red.

12 Q Would you now refer to what has been marked as
13 Exhibit Two and explain what that is?

14 A Exhibit Two is the Commission's Form C-102, a well
15 location and an acreage dedication plat. It shows the E. O.
16 Carson Well No. 23, added to the present three-hundred-and-
17 twenty-acre non-standard gas proration unit, along with the
18 E. O. Carson Well No. 4 and 22.

19 Since the Commission's general rules for Southeast
20 New Mexico state that no well shall be closer to the outer
21 boundary line than nineteen hundred and eighty feet, nor
22 closer than three hundred and thirty feet from any inner
23 boundary for the standard six-hundred-and-forty-acre proration
24 unit, this exhibit shows the E. O. Carson Well No. 23 to be
25 an unorthodox location.

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Q Would you refer to the exhibits marked Three-A and Three-B and explain what is depicted by those exhibits?

A Exhibit Number Three-A is a diagrammatic wellbore sketch showing the E. O. Carson Well No. 23 as it is presently completed. This well was completed in July of 1952 as a San Andres salt water disposal well. After a few days of unsuccessful injection, this well began pressuring up and produced small amounts of oil. This well produced as a Eunice San Andres oil well by authority of the Commission's Order No. R-1944 until it was temporarily abandoned recently.

Exhibit Three-B is a diagrammatic wellbore sketch showing the proposed recompletion of the E. O. Carson Well No. 23 in the Eumont Gas Pool. A cast iron bridge plug is to be set at four thousand and fifty feet and capped with ten sacks of cement. The proposed overall interval to be perforated is approximately from thirty-four hundred and fifty-eight feet to thirty-five hundred and fourteen feet. The exact interval to be perforated will be selected after a new log has been run.

Q Mr. Seerey, would you review for the Examiner the present producing capability of the three wells on this proposed unit?

A Yes, sir. Have shown on Exhibit Four, which is a copy of the latest Form 116 that is the gas-oil ratio test filed on the present wells, the E. O. Carson 4 and 22. You

1 can see that the current test on Well No. 4 shows the well to
2 be capable of producing four hundred and thirty MCF of gas
3 per day and the E. O. Carson No. 22 to be capable of producing
4 three hundred and fifty MCF of gas a day and, of course, the
5 E. O. Carson 23 is not capable of producing at all.

6 Q What is the current Eumont-Queen Gas Pool allowable
7 for a three-hundred-and-twenty-acre proration unit?

8 A The May, 1976 top allowable for wells in the Eumont
9 Gas Pool with three-hundred-and-twenty-acre non-standard units
10 was thirty-nine thousand and forty MCF of gas a month or
11 twelve hundred and fifty-nine MCF of gas per day. The E. O.
12 Carson Wells No. 4 and 22 combined production is a little
13 more than half of a normal three-hundred-and-twenty-acre
14 top allowable.

15 Q Do you have an estimate as to the potential producing
16 capability of the Carson Well No. 23 after it is recompleted
17 as a Eumont gas producer?

18 A We estimate that the E. O. Carson No. 23 will produce
19 approximately four hundred MCF of gas per day from the Eumont
20 Gas Pool. The estimated total production from the entire
21 three-hundred-and-twenty-acre proration unit, with Wells 4,
22 22 and 23 producing, is estimated between a thousand twelve
23 hundred MCF of gas per day.

24 Q Do you feel that the three-hundred-and-twenty-acre
25 non-standard gas proration unit can, as proposed, can it be

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1 reasonably expected to be productive in the Eumont Gas zone?

2 A Yes, as shown on Exhibit Five which is an isopach
3 map of the Eumont Gas Pool on Mobil's E. O. Carson lease. We
4 believe the entire three-hundred-and-twenty-acre proration
5 unit is considered to be productive in the Eumont Gas Pool.
6 The total net feet of Eumont Gas pay existing at certain
7 wells is shown by the figures enclosed in the rectangular
8 blocks.

9 Q Would you refer now to what has been marked as
10 Exhibit Six and identify that exhibit?

11 A Exhibit Six is a gamma ray neutron log from the
12 E. O. Carson Well No. 23. The formation tops are shown marked
13 The proposed Eumont Gas perforations are shown marked at the
14 proposed interval at thirty-four hundred and fifty-eight to
15 thirty-five hundred and fourteen.

16 Q Mr. Seerey, is it your opinion that the approval of
17 this application will have the effect of preventing waste
18 and protecting correlative rights?

19 A Yes, sir, we believe that approval of this request
20 will provide more efficient drainage of the three-hundred-and-
21 twenty-acre non-standard proration unit and afford the applicant
22 the opportunity to produce its just and equitable share of gas
23 in the Eumont Gas Pool.

24 Q Do you have anything further, Mr. Seerey?

25 A No, sir.

1 MR. SPERLING: At this time, Mr. Examiner, we would
2 like to offer Exhibits One through Six.

3 MR. NUTTER: Applicant's Exhibits One through Six
4 will be admitted into evidence.

5 (THEREUPON, Applicant's Exhibits One
6 through Six were admitted into evidence.)

7 MR. SPERLING: That's all we have.

8
9 CROSS EXAMINATION

10 BY MR. NUTTER:

11 Q Mr. Seerey, what did you say you expected that
12 this new well would be capable of producing, about four
13 what?

14 A Approximately four hundred MCF of gas per day.

15 Q And you are now capable of making about seven,
16 eighty so it would give you about twelve hundred a day which
17 is still a little bit less than a three-hundred-and-twenty-acre
18 allowable for May?

19 A Yes, sir.

20 Q Now, this unit, I realize that the wells can't
21 produce top allowable but has the unit been reclassified as a
22 marginal unit or is it a non-marginal unit?

23 A I'm not sure, Mr. Nutter. In the Eumont Gas Pool,
24 you mean?

25 Q Yes.

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1 A. I'm not sure whether it is classified as a marginal
 2 or non-marginal, I'll check on that.

3 Q. We can check our records on that.

4 A. Okay.

5 Q. Now, the location of this well is a rather odd
 6 location. I presume that's because it was originally approved
 7 as a salt water disposal well and not as a producer, is
 8 that it?

9 A. That is correct.

10 Q. And the well is located right on that line?

11 A. Right on the half-section line.

12 MR. NUTTER: Are there any further questions of
 13 this witness? He may be excused.

14 (THEREUPON, the witness was excused.)

15 MR. NUTTER: Do you have anything further, Mr.
 16 Sperling?

17 MR. SPERLING: No, sir.

18 MR. NUTTER: Does anyone have anything to offer
 19 in Case 5690? We will take the case under advisement.

20

21

22

23

24

25

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand 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

Sidney F. Morrish, C.S.R.

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I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5790,
heard by me on 6/9, 1976.
[Signature], Examiner
New Mexico Oil Conservation Commission

Dan -

The Mobil E.O Cars

#4 & #22 Eummt Gas

Non-Standard Unit is now

classified as Marginal

JH Seery

Mobil Oil Corporation

May 5, 1976

MAY - 7 1976

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 833
MIDLAND, TEXAS 79701

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

Attention: Mr. Joe D. Ramey

REQUEST FOR AMENDMENT TO ORDER NO. R-5120
TO PROVIDE FOR THE SIMULTANEOUS DEDICA-
TION OF THE PRESENT NON-STANDARD 320-ACRE
GAS PRORATION UNIT TO MOBIL'S E. O. CARSON
WELL NOS. 4, 22, AND 23, AT UNORTHODOX
LOCATIONS, EUMONT GAS POOL, LEA COUNTY,
NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests the Commission's approval of an amendment to Order No. R-5120 to provide for the simultaneous dedication of the present 320-acre non-standard gas proration unit comprising of 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, T21S, R37E, Eumont Gas Pool, to be dedicated to its E. O. Carson Well Nos. 4, 22, and 23, located at unorthodox locations as follows:

E. O. Carson No. 4, Unit N, 1980' FWL & 660' FSL, Section 28
E. O. Carson No. 22, Unit L, 660' FWL & 1880' FSL, Section 28
E. O. Carson No. 23, - 2640' FWL & 1980' FNL, Section 33

The existing Order No. R-5120, dated November 17, 1975, provides for the simultaneous dedication of the aforesaid 320-acre non-standard gas proration unit to E. O. Carson Well Nos. 4 and 22. Currently, the combined production from the E. O. Carson Well Nos. 4 and 22 is less than half of a normal 320-acre allowable; therefore, we believe that it is necessary to recomplete the E. O. Carson Well No. 23 as a Eumont completion and add it as a third well on the proration unit. The E. O. Carson Well No. 23 is a depleted Eunice San Andres oil well, and the proposed recompletion will be a salvage attempt. We request authority to produce the allowable assigned to the subject proration unit from any 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. If there are any further questions, please advise.

Yours very truly,

J. A. Morris

J. A. Morris
Regulatory Engineering Supervisor

JHSeerey/cs
Attachments
cc: NMOCC District 1

**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.

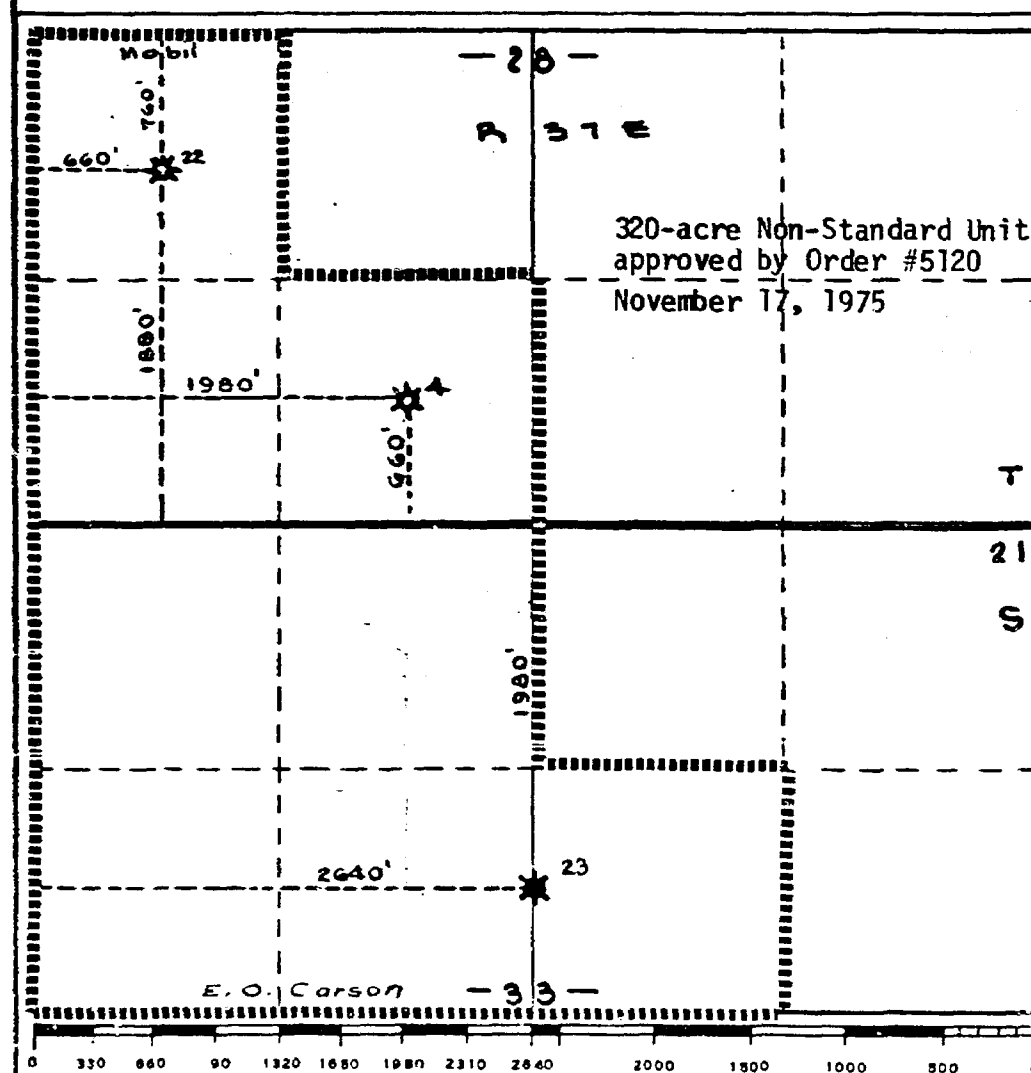
Operator Mobil Oil Corporation			Lease E. O. Carson		Well No. 23
Unit Letter -	Section 33	Township 21-S	Range 37-E	County Lea	
Actual Estate Location of Wells: <div style="display: flex; justify-content: space-between;"> 2640 feet from the West line 1980 feet from the North line </div>					
Ground Level elev.	Producing Formation Queen	Pool Eumont Gas Pool	Dedicated Acreage: 320 (3 wells) Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

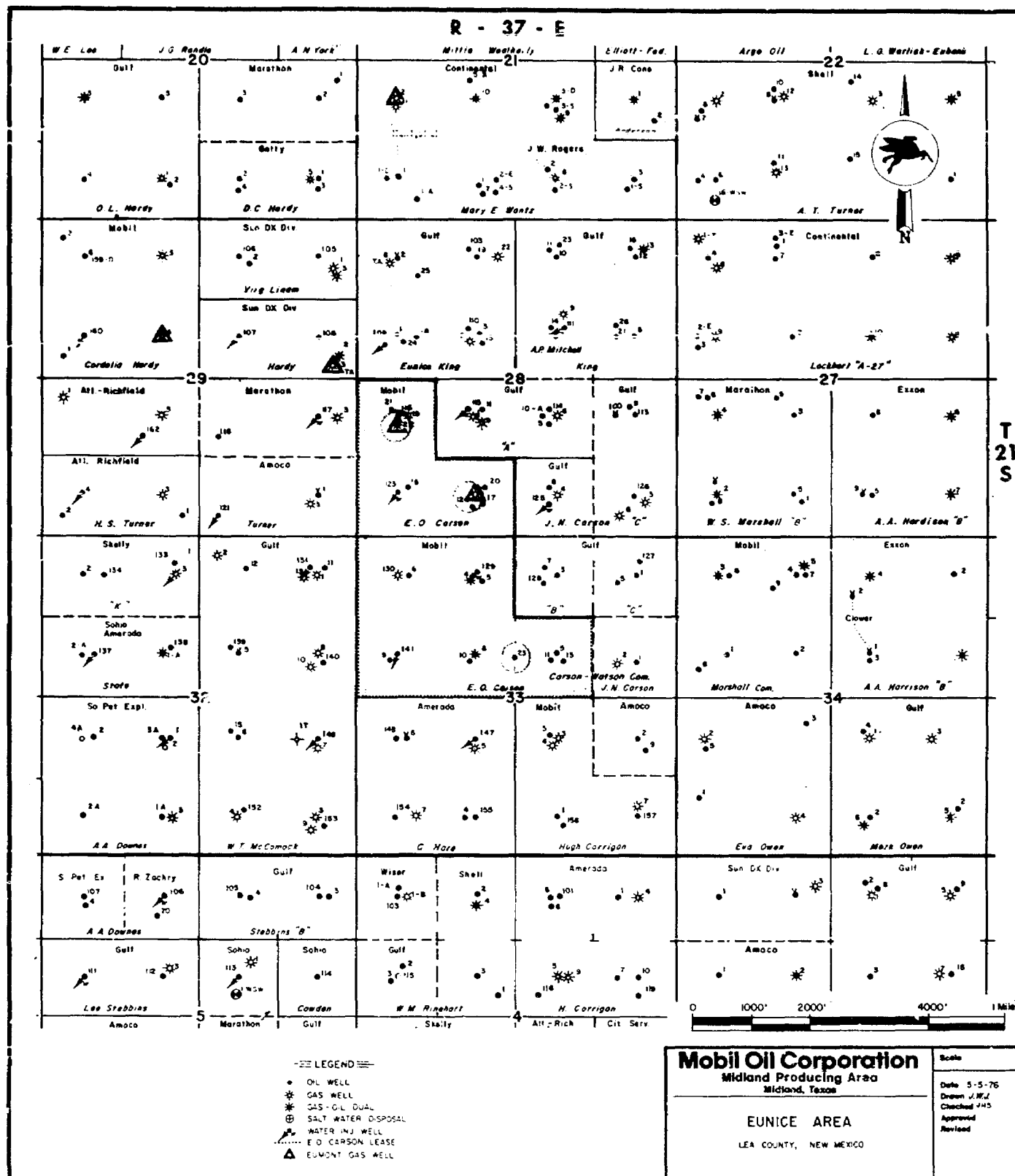
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name J. H. Seerey
 Position Associate Engineer
 Company Mobil Oil Corporation
 Date May 5, 1976

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

Date Surveyed _____
 Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____



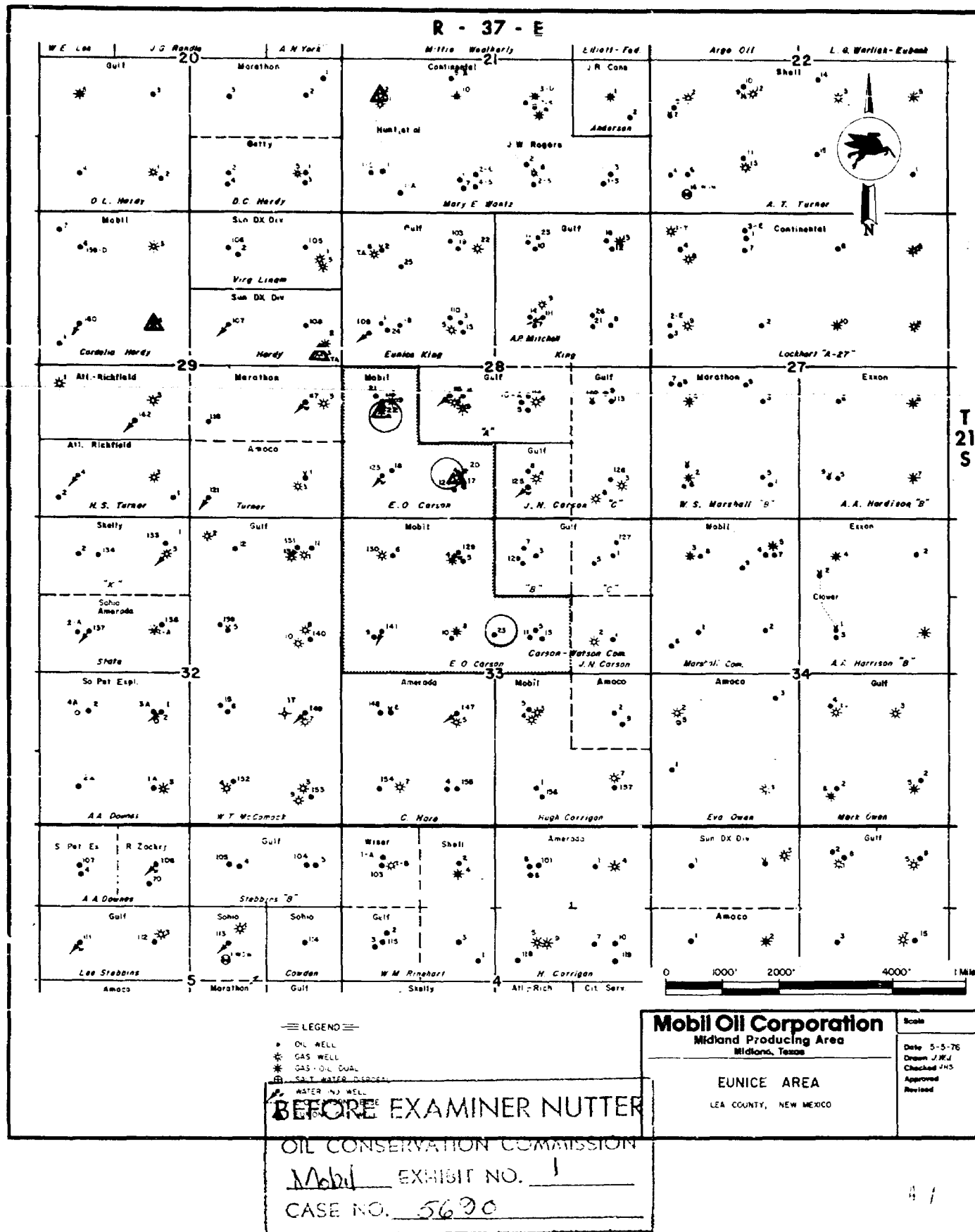
Dockets Nos. 17-76 and 18-76 are tentatively set for hearing on June 16 and June 23, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 9, 1976

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. Matter, Examiner, or Richard L. Stamets, Alternate Examiner:

- CASE 5690: Application of Mobil Oil Corporation for amendment of Order No. R-5120, Lea County, New Mexico. Applicant, in the above-styled cause, seeks amendment of Order No. R-5120, which order provided for the simultaneous dedication of a 320-acre non-standard gas proration unit, comprising the W/2 SW/4 and SE/4 SW/4 of Section 28 and the NW/4 and the SW/4 NE/4 of Section 33, Township 21 South, Range 37 East, Dumont Gas Pool, Lea County, New Mexico, to applicant's E. O. Carson Wells Nos. 4 and 22, located at unorthodox locations in Units M and L, respectively, of said Section 28. Applicant seeks amendment of said Order No. R-5120 by authorizing the simultaneous dedication of said unit to the previously approved E. O. Carson Wells Nos. 4 and 22 and to its E. O. Carson Well No. 23 located 1980 feet from the North line and 2640 feet from the West line of Section 33, Township 21 South, Range 37 East, Lea County, New Mexico.
- CASE 5689: Application of Dalport Oil Corporation for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Jones Federal Well No. 4 to be drilled 990 feet from the South line and 1477 feet from the West line of Section 22, Township 15 South, Range 29 East, South Lucky Lake-Queen Pool, Chaves County, New Mexico.
- CASE 4843: (Reopened)
- In the matter of Case 4843 being reopened pursuant to the provisions of Order No. R-4435-J, which order extended the special pool rules for the Southeast Chaves Queen Gas Area, Chaves County, New Mexico, including a provision for 320-acre spacing and proration units for gas wells. All interested parties may appear and show cause why said Order No. R-4435 should not be rescinded.
- CASE 5691: Application of Hanson Oil Corporation for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 990 feet from the North line and 2600 feet from the West line of Section 25, Township 26 South, Range 31 East, North Mason-Delaware Pool, Eddy County, New Mexico.
- CASE 5692: Application of Cities Service Oil Company for a dual completion and downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Owen "A" Well No. 1 located in Unit P of Section 35, Township 21 South, Range 37 East, Lea County, New Mexico, completing said well in such a manner as to commingle Blinberry and Drinkard oil production and to dually complete said zones with the Wantz-Granite Wash Pool.
- CASE 5670: (Continued from May 12, 1976 Examiner Hearing)
- Application of Read & Stevens, Inc. for an unorthodox location and directional drilling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to deviate its Harris-Federal Well No. 3, the surface location of which is 660 feet from the South line and 1980 feet from the East line of Section 27, Township 15 South, Range 28 East, Chaves County, New Mexico, by directionally drilling said well from a kick-off point at approximately 6000 feet and bottoming it at an unorthodox location in the Pennsylvanian formation within 250 feet of a point 990 feet from the South line and 1650 feet from the East line of said Section 27, the S/2 of the Section to be dedicated to the well.
- CASE 5688: Application of Dugan Production Corporation for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Tapacito-Pictured Cliffs and Blanco-Mesa Verde production in the wellbore of its Jicarilla E Well No. 1, located in Unit M of Section 21, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.
- CASE 5693: Application of Jerome P. McHugh for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to downhole commingle Fruitland and Pictured Cliffs production in that area described as being all of Township 24 through 28 North, Ranges 9 through 15 West, San Juan County, New Mexico, excluding however, those lands within the boundaries of the Ballard-, Fulcher Kutz-, and West Kutz- and also those lands within the boundary of the Gallegos Canyon Unit Area.



**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.

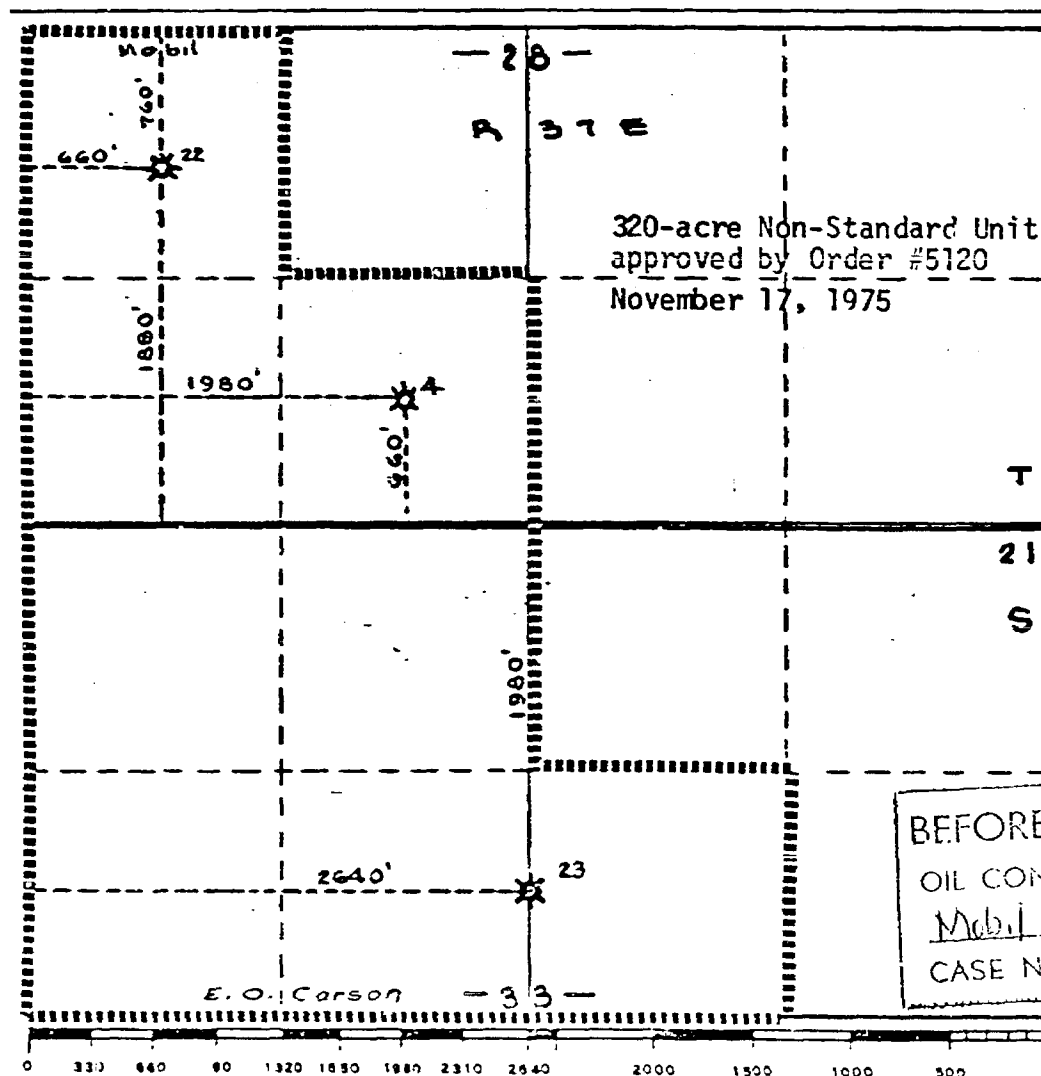
Operator Mobil Oil Corporation			Lease E. O. Carson		Well No. 23
Unit Letter -	Section 33	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Wells: <div style="display: flex; justify-content: space-between;"> 2640 feet from the West line and 1980 feet from the North line </div>					
Ground Level elev.	Producing Formation Queen	Pool Eumont Gas Pool		Dedicated Acreage: 320 (3 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
Position
Associate Engineer
Company
Mobil Oil Corporation
Date
May 5, 1976

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 NUTTER
Date Surveyed
OIL CONSERVATION COMMISSION
Registered Professional Engineer
and/or Land Surveyor
CASE NO. **5620**

Certificate No.

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" HO

ELEV. 3459

TOP 450'

2 7/8" EU TBG.

2 3/8"

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

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

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

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Mobil EXHIBIT NO. 3A
CASE NO. 5690

NO.	DATE	BY	DESCRIPTION	CHK'D
Mobil Oil Corporation MIDLAND PRODUCING AREA				
E.O. CARSON #23 EUNICE SAN ANDRES POOL				
LEA COUNTY			NEW MEXICO	
DRAWN BY J.W.J.		CHECKED BY JWS		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.		

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 THEREON (PARTIAL
OR COMPLETE) SHALL BE RETURNED TO THE OWNER
ON DEMAND.

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' - T D, 6 1/4" HOLE

ELEV. 3459

TOP 450'

2 1/2" TBG.

3408' PACKER

3458' - 3514' PERF.

3950' TOP CEMENT PLUG

4050' CAST IRON BRIDGE PLUG

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3 B
CASE NO. 5690

NO.	DATE	BY
PROPOSED E.O. CARSON #23		
EUMONT QUEEN GAS POOL		
LEA COUNTY NEW MEXICO		
Mobil Oil Corporation		
Houston E & P Division		
DRAWN J.W.J.	SCALE	DWG. NO.
CHECKED JHS	DATE 5-21-76	A-480-C.E.

GAS-OIL RATIO TESTS

C-111
Revised 1-1-65

Mobil Oil Corporation

Eumont Gas

Lea

Box 633, Midland, Texas 79701

TYPE OF
TEST - (X)Scheduled ☒Completion ☐Special ☐

LEASE NAME

WELL
NO.

LOCATION

U S T R

DATE OF
TESTCHOKE
SIZET.B.G.
PRESS.DAILY
ALLOW-
ABLELENGTH
OF
TEST
HOURS

PROD. DURING TEST

WATER
BBLs.GRAV.
OILOIL
BBLs.GAS
M.C.F.GAS - OIL
RATIO
CU.FT./BBL.

E. O. Carson

4

N

28

21

37

4-13-76

P

1"

190

24

3

0

430

General G State

1

D

16

20

37

04-9-76

F

1"

170

24

0

0

550

C. Hardy

4

F

29

21

37

5-5-76

F

1"

165

24

0

0

120

E. O. CARSON

22

L

28

21

37

4-14-76

P

4 1/4"

24

3

0

350

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 5690

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.

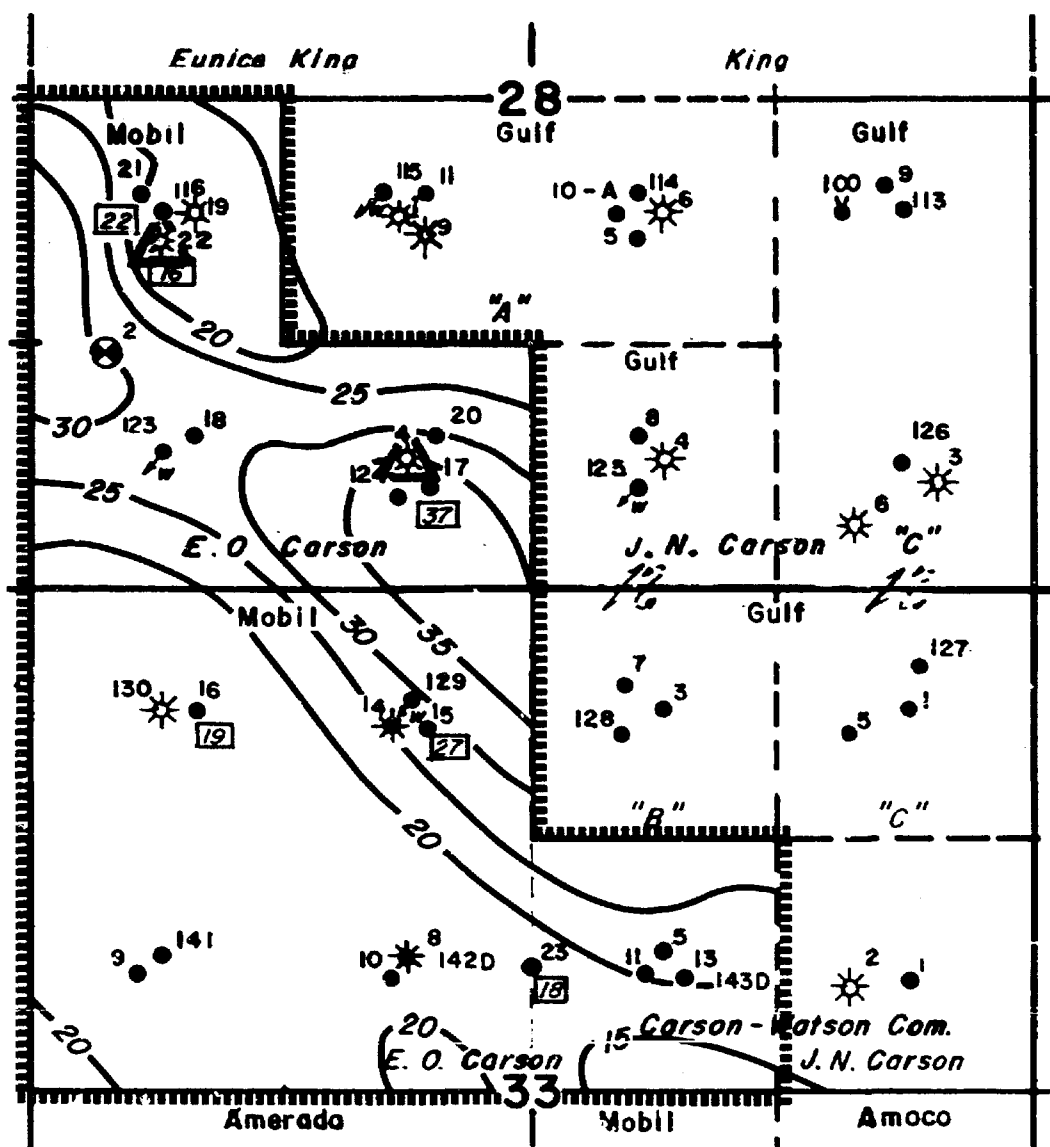
(Signature)

Authorized Agent

(Title)

5-17-76

(Date)

T
21
S

- OIL WELL
- ☼ GAS WELL
- ☼ GAS - OIL DUAL
- ⊕ SALT WATER DISPOSAL
- ⚙ WATER INJ. WELL
- E.O. CARSON LEASE
- ▲ EUMONT GAS WELL
- 22 NET PAY

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Mobil EXHIBIT NO. 5
CASE NO. 5690

Mobil Oil Corporation
Midland Producing Area
Midland, Texas
EUNICE AREA
EUMONT GAS POOL
ISOPACH MAP
LEA COUNTY, NEW MEXICO

Scale 1" = 1000'

Date 5-5-76
Drawn RAS
Checked JHS
Approved
Revised

DRAFT

dr/

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. 5690

Order No. R- 5120-A

APPLICATION OF MOBIL OIL
CORPORATION FOR AMENDMENT
OF ORDER NO. R-5120, LEA
COUNTY, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 9,
19 ⁷⁶, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of July, 19 76, 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, is the owner
and operator of its E. O. Carson Lease comprising the W/2 SW/4 and
SE/4 SW/4 of Section 28, and the NW/4 and SW/4 NE/4 of Section 33,
all in Township 21 South, Range 37 East, NMPM, Lea County, New
Mexico.

(3) That by Order No. R-5120, dated November 17, 1975, the Commission approved a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the above-described lands, to be simultaneously dedicated 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.

(4) That the applicant seeks the amendment of Commission Order No. R-5120 to provide that said 320-acre non-standard gas proration unit would also be simultaneously dedicated to its E. O. Carson Well No. 23 located 1980 feet from the North line and 2640 feet from the West line of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(5) That the simultaneous dedication of said unit to the afore-said Wells Nos. 4 and 22 as well as to said Well No. 23 will better enable applicant to produce its just and equitable share of the hydrocarbons in place under its lease, will not cause waste and will not impair correlative rights, and should be approved.

(6) That said Well No. 22 should, for location identification purposes, hereinafter be referred to as being in Unit ~~22~~^F of said Section 33.

IT IS THEREFORE ORDERED:

(1) That Order No. (1) on Page 2 of Commission Order No. R-5120 is hereby amended to read in its entirety as follows:

"(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 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 the Mobil Oil Corporation E. O. Carson Wells Nos. 4 and 22 located, respectively, at unorthodox locations in Units N and L of said Section 28, and to its E. O. Carson Well No. 23, at an unorthodox location in Unit ~~22~~^F of said Section 33."

(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.

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 MOBIL OIL
CORPORATION FOR AMENDMENT
OF ORDER NO. R-5120, LEA
COUNTY, NEW MEXICO

CASE NO. 290

Order No. R-5120-A

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 9, 1976,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of _____, 19____, 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,
is the owner ~~of~~ and operator of its E.O. Carson
lease comprising the W/2 SW/4 and SE/4 SW/4 of
Section 28, and the NW/4 and SW/4 NE/4 of
Section 33, all in Township 21 South, Range
37 East, NM PM, Lea County, New Mexico.

(3) That by Order No R-5120, dated November
17, 1975, the Commission approved a 320-acre
non-standard gas production unit in the
Eumant Gas Pool comprising the above-
described lands, to be simultaneously

dedicated to applicants E.O. Carson Wells Nos. 4 and 22 located, respectively, at unorthodox locations in Units N and L of said Section 28.

(4) That the applicant seeks the amendment of Commission Order R-5120 to provide that said 320-acre non standard gas production unit would also be simultaneously dedicated to its E.O. Carson Well No. 23 located 1980 feet from the North line and 2640 feet from the West line of Section 33, Township 21 South Range 37 East NMPM Lea County, New Mexico.

(5) That the simultaneous dedication of said unit to the aforesaid wells Nos. 4 and 22 as well as to said well No. 23 will better insure applicant to produce its just and equitable share of the hydrocarbons in place under its lease will not cause waste and will not impair correlative rights and should be approved.

(6) That said well No. 22 should, for location identification purposes, hereinafter be referred to as being in Unit N of said Section 33.

IT IS THEREFORE ORDERED:

(1) That Order No. (1) on Page 2 of Commission Order No. R-5120 is hereby amended to read in its entirety as follows:

"(1) That approval is hereby given to simultaneously dedicate a 320-acre non-standard gas production unit in the Evamint Gas Pool comprising the W¹/₂ SW¹/₄ and SE¹/₄ SW¹/₄ of Section 28, and the NW¹/₄ and SW¹/₄ NE¹/₄ of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, to the Mobil Oil Corporation E.O. Carson Wells Nos. 4 and 22 located, respectively, at ~~unorthodox~~ unorthodox locations in Units N and L of said Section 28, and to its E.O. Carson Well No. 23, at an unorthodox location in Unit N of said Section 33."

(2) That jurisdiction