

CASE 4870: Application of SUN  
OIL CO. FOR AN UNORTHODOX LOCA-  
TION, LEA COUNTY, NEW MEXICO.

Case Number

4870

Application

Transcripts.

Small Exhibits

ETC.

dearnley, meier & mc cormick reporting services, inc.

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1216 FIRST NATIONAL BANK BLDG. EAST ALBUQUERQUE, NEW MEXICO 87108

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BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
OIL CONSERVATION COMMISSION CONFERENCE ROOM  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO  
Wednesday, November 29, 1972

IN THE MATTER OF:

Application of Sun Oil Company for  
an unorthodox location, Lea County,  
New Mexico.

Case No. 4870

BEFORE: Richard L. Stamets,  
Examiner

TRANSCRIPT OF HEARING

dearnley, meier & mc cormick reporting service

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MR. STAMETS: Call Case 4870, application of Sun Oil Company for an unorthodox location, Lea County, New Mexico.

MR. KELLAHIN: Mr. Kellahin, Kellahin and Fox, Santa Fe, appearing on behalf of the applicant, Sun Oil Company. I have one witness to be sworn.

MR. STAMETS: Are there any other appearances in this case?

(No response.)

R. L. HOWELL,

a witness, having been first duly sworn according to law, upon his oath, testified as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Will you please state your name, by whom you are employed, and in what capacity?

A R. L. Howell, Sun Oil Company, Dallas, Texas, and I am in the capacity of a registered surveyor.

Q You have not previously testified before this Oil Commission or one of its Examiners, have you, Mr. Howell?

A I have not.

Q What's your educational background, Mr. Howell?

A B.S. Degree in mechanical engineering from Southern Methodist University.

Q And what has been your experience as a surveyor?

A 25 years with Sun Oil Company.

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1 Q And are you familiar with the facts surrounding this  
2 particular application by Sun Oil Company?

3 A I am.

4 Q Are you also familiar with this specific area in Section  
5 27, Lea County, New Mexico?

6 A I am.

7 MR. KELLAHIN: Mr. Examiner, are the witness'  
8 qualifications acceptable?

9 MR. STAMETS: In your capacity with Sun Oil Company,  
10 had you in the past done work in this particular area of non-  
11 standard locations?

12 THE WITNESS: I have.

13 MR. STAMETS: Yes, the witness' qualifications are  
14 acceptable.

15 Q (By Mr. Kellahin) Will you please state briefly for the  
16 Examiner what Sun Oil is seeking by this application, Mr.  
17 Howell?

18 A We have an unorthodox location in the fact that the field  
19 rules call for its being 660 between wells, as much as  
20 660 between wells, and 330 off of the drilling unit lines  
21 based on a true sectional sub-division.

22 We comply with part of these rules by being as much,  
23 or more, than the required distance from the nearest  
24 producing well, but we do foul the minimum requirements  
25 from the unit line of the producing units.

1 Q Will you please refer to what has been marked as  
2 applicant's Exhibit 1, identify, and explain briefly what  
3 information it contains?

4 A This is a small scale map drawn to a scale of 1 inch to  
5 3000 feet showing the subject lease and surrounding area  
6 comprising 12 sections totally in this particular township  
7 and range of Township 9 south, range 36 east, Lea County,  
8 New Mexico.

9 Q Will you identify your proposed unorthodox location on  
10 this plat?

11 A Our proposed location is labelled No. 10 on our east half  
12 of Section 27, same Township and range, and it is southeast  
13 of the southeast of said section 27.

14 Q Will you identify for the Examiner the offsetting  
15 ownerships?

16 A The offsetting ownership to this location to the east is  
17 Mobil Oil and also to the southeast is Mobil Oil, and due  
18 south is Texaco.

19 Q And then, the southwest quarter section of Section 27, is  
20 that Sun Oil?

21 A Sun Oil Company due west of the lease in question.

22 Q Will you identify for us the wells that are illustrated on  
23 the plat?

24 A We have nine wells on this tract, with the application, of  
25 course, for the number 10 in the southwest of the southeast

1 on this plat. We have wells 1 and 5, are temporarily  
2 abandoned. The rest of the section or sub-division is  
3 according to having one well on each so-called  
4 quarter-quarter section involved.

5 Q All right. Will you please refer to what has been marked  
6 as applicant's Exhibit 2, identify it, and explain what  
7 it contains?

8 A It is a standard well location acreage dedication plat  
9 made by our authorized contractor, Mr. John W. West.  
10 Engineering Company, out of Hobbs, New Mexico, who staked  
11 this location for us.

12 This location depicts the fact that this location was  
13 staked 1,005 feet from the east line and 986.1 feet from  
14 the south line of this said Section 27, Township 9 south,  
15 range 36 east, Lea County, New Mexico.

16 Q Had you set a drilling rig at this site?

17 A We had.

18 Q Does this conform to the statewide rules for an orthodox  
19 location?

20 A To the extent that it meets the requirements from the  
21 section lines, it does not meet the requirements, being  
22 330 from the two interior lines, or in this case, the  
23 north and west lines of this particular quarter-quarter.

24 Q Let's go on and have you identify for me and explain what  
25 information is contained on Sun Oil's Exhibit #32

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1 A Exhibit #3 is a large scale plat drawn to one inch equals  
2 200 feet, depicting the quarter-quarter section that the  
3 location is located on, and it's relationship to the  
4 nearest producing well on the same lease and it's  
5 relationship to this producing well; and also it's  
6 relationship to the quarter section lines in question.

7 If the Examiner will look at the footages on this  
8 plat, we find that the 986 feet from the south line, even  
9 though it is short of what would normally be 980 and 1980  
10 from the two respective lines, it does conform by being  
11 330 from the north line of this particular quarter section,  
12 and due to the fact that our contractor represented the  
13 facts in terms of being the minimum standards from the  
14 well to the west, which is our #6 well, as being 660 from  
15 this well, at which point he set the location, we find that  
16 it fouled up the west line of the southeast by the amount  
17 of 8 1/2 feet.

18 Q In your opinion, Mr. Howell, would denial of this  
19 application result in economic waste in that Sun Oil would  
20 then be required to locate its' drilling rig at the orthodox  
21 location?

22 A Yes, it would.

23 Q While approval of the application would result in a savings  
24 of an expense in that you would not have to move the rig?

25 A Yes.



1 Q All right. Please refer to what has been marked as  
2 applicant's Exhibit #4?

3 A Exhibit #4 is a copy of two waivers, one is a waiver from  
4 Texaco Incorporated.

5 Q And Exhibit #5 is what?

6 A It's the waiver from Mobil Oil, these being the offset  
7 operators on this particular quarter-quarter section  
8 involved; one being to the south and the other being to  
9 the east.

10 Q In your opinion, Mr. Howell, are you impairing the  
11 correlative rights of any other owners by this unorthodox  
12 location?

13 A I don't feel that we are in the fact that we are moving,  
14 or that is the rig is located at a spot in and on to our  
15 own lease and away from the adjacent operators.

16 Q From your information, Mr. Howell, is it your opinion that  
17 this unit acreage can be economically and efficiently  
18 drained by a well at this proposed and unorthodox location?

19 A I believe it can.

20 Q That opinion is based on reports, I assume, by your  
21 geologists and engineers?

22 A Right.

23 Q Were Exhibits 1 through 5 prepared by you or under your  
24 direction and supervision?

25 A Those that involved plat making, yes; the others, of

1 course, letters not being prepared by me.

2 O I understand.

3 MR. KELLAHIN: Mr. Examiner, we move for the  
4 introduction of Applicant's Exhibits 1 through 5.

5 MR. STAMETS: Without objection, Exhibits 1 through  
6 5 will be admitted into evidence.

7 MR. KELLAHIN: We have no further Direct Examination.

8 CROSS EXAMINATION

9 BY MR. STAMETS:

10 Q Mr. Howell, if I understood your testimony properly, the  
11 only problem is that the well is located eight and a half  
12 feet too close to one quarter section line?

13 A In complying with field rules, we attempt to meet all  
14 requirements. In this particular case, to summarize, I  
15 think I can say that my company, or representatives of my  
16 company, failed to properly be in communication with our  
17 drilling contractor and they inadvertently got over a  
18 cellar that had already been dug, rather than on a  
19 corrected stake based on having received the information  
20 from my office a few days after the original application.  
21 So, it can be evolved in saying that the communication  
22 problem is ever with us.

23 Q They moved in and rigged up on the old location and failed  
24 to take into account the correction you had already made?

25 A Yes, sir.

1 Q Is the rig on the location now and have they started  
2 the hole?

3 A Yes, sir.

4 Q Okay. What's the total depth at this time?

5 A I am not able to, I didn't check that out when I left the  
6 office yesterday morning.

7 Q Have they drilled 100 feet or 1000 feet --

8 A I'm sure that -- They've been drilling something over a  
9 week now, so I'm sure that they are probably several  
10 thousand feet deep by now.

11 Q And Sun had found this error and had attempted to correct  
12 it and just through an error on the contractor's part, the  
13 well was started at the wrong location?

14 A I might add that we attempted through your Hobbs office,  
15 to make the correction at that time, and the communication  
16 problem, as I mentioned, resulted in this particular  
17 error.

18 MR. STAMETS: Are there other questions of the  
19 witness?

20 MR. KELLAHIN: Nothing further.

21 MR. STAMETS: He may be excused.

22 Do you have anything further to offer in this case?

23 MR. KELLAHIN: No, sir.

24 MR. STAMETS: Case 4870 will be taken under  
25 advisement.

dearnley, meier & mc cormick reporting service, inc.

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STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF BERNALILLO)

I, JOHN DE LA ROSA, a Court Reporter, in and for the  
County of Bernalillo, State of New Mexico, do hereby certify  
that the foregoing and attached Transcript of Hearing before  
the New Mexico Oil Conservation Commission was reported by me;  
and that the same is a true and correct record of the said  
proceedings to the best of my knowledge, skill and ability.

*John De La Rosa*  
COURT REPORTER

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner hearing of Case No. *4970*,  
heard by me on *Nov 29*, 19 *72*.  
*Richard F. Stamm*, Examiner  
New Mexico Oil Conservation Commission



# OIL CONSERVATION COMMISSION

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

**87301**

**GOVERNOR  
BRUCE KING  
CHAIRMAN**

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

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

December 8, 1972

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

Re: Case No. 4870  
Order No. R-4450  
Applicant:  
  
Sun Oil Company

**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

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. 4870  
Order No. R-4450

APPLICATION OF SUN OIL COMPANY  
FOR AN UNORTHODOX LOCATION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 29, 1972, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 8th day of December, 1972, 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, Sun Oil Company, seeks authority to drill its proposed U. D. Sawyer Well No. 10 at an unorthodox location 986.1 feet from the South line and 1000.5 feet from the East line of Section 27, Township 9 South, Range 36 East, Crossroads Siluro-Devonian Pool, Lea County, New Mexico.

(3) That said location varies from a standard location by 8 1/2 feet and is situated more distant from acreage of offsetting operators than standard locations.

(4) That all operators having offsetting acreage in said pool have waived objection to the proposed location.

(5) That the SE/4 SE/4 of said Section 27 is to be dedicated to the well.

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the subject 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. 4870  
Order No. R-4450

IT IS THEREFORE ORDERED:

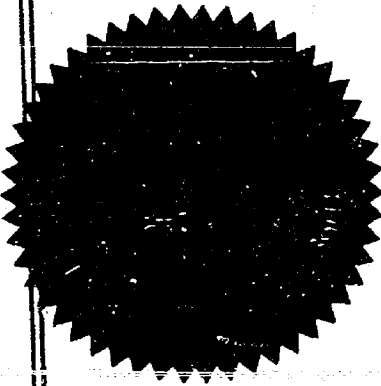
(1) That an unorthodox oil well location for the Devonian formation is hereby approved for the Sun Oil Company U. D. Sawyer Well No. 10, to be located 986.1 feet from the South line and 1000.5 feet from the East line of Section 27, Township 9 South, Range 36 East, NMPM, Crossroads Siluro-Devonian Pool, Lea County, New Mexico.

(2) That the SE/4 SE/4 of said Section 27 shall be dedicated to the above-described well.

(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

  
*Bruce King*  
BRUCE KING, Chairman

*Alex J. Armijo*  
ALEX J. ARMIJO, Member

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

S E A L

dr/

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 29, 1972

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 Elvis A. Utz, Alternate Examiner:

CASE 4854: (Continued from the November 1, 1972 Examiner Hearing)

Application of Dugan Production Corporation to commingle gas production prior to metering, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle gas produced from wells located in Sections 25, 26, 35, and 36, Township 28 North, Range 15 West, undesignated Pictured Cliffs gas pool, San Juan County, New Mexico, prior to metering said gas, as an exception to Rule 403 of the Commission Rules and Regulations.

CASE 4860: (Continued from the November 14, 1972 Examiner Hearing)

Application of Craig Folsom for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a well to test the Queen formation at an unorthodox oil well location 1340 feet from the South line and 1300 feet from the East line of Section 12, Township 13 South, Range 31 East, Caprock-Queen Pool, Chaves County, New Mexico.

CASE 4857: (Continued to November 29, 1972 Examiner Hearing)

Application of Perry R. Bass for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox gas well location for his Big Eddy Well No. 7 located 660 feet from the South line and 1980 feet from the East line of Section 19, Township 20 South, Range 31 East, Maroon Cliffs-Morrow Gas Pool, Eddy County, New Mexico, with the E/2 of said Section 19 to be dedicated to the well.

CASE 4866: Application of Roger C. Hanks for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Devonian formation through perforations between 13,000 to 13,300 feet in his Graham Well No. 1 located in Unit F of Section 29, Township 16 South, Range 36 East, East Shoe Bar-Devonian Pool, Lea County, New Mexico.

CASE 4867: Application of Superior Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 7, Township 23 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to a



(Case 4867 continued from page 1)

well to be drilled 810 feet from the South line and 1980 feet from the West line of said Section 7. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4868: Application of The Wiser Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Drinkard formation through its Downes "D" Well No. 1 located in Unit K of Section 32, Township 21 South, Range 37 East, Drinkard Pool, Lea County, New Mexico.

CASE 4869: Application of Claude C. Kennedy for the amendment of Order No. R-4263 and for the revocation of Commission Order NSL-586, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-4263 to require that all wells drilled within the Lone Pine Dakota "D" Unit be drilled on locations no closer than 330 feet from the boundary of the quarter-quarter section in which any such well is located, and to prohibit the transfer of allowable to any well located closer than 1320 feet from the outer boundary of the unit area. Applicant further requests the revocation of Commission Order No. NSL-586 dated November 1, 1972, which order authorized Tenneco Oil Company to drill its proposed Lone Pine Dakota "D" Unit No. 29 well at a location 2300 feet from the South line and 1450 feet from the West line of Section 8, Township 17 North, Range 8 West, Lone Pine-Dakota "D" Oil Pool, McKinley County, New Mexico.

CASE 4835: (Continued and readvertised)

Application of Texas Oil & Gas Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface of the ground down to and including the Pennsylvanian formation underlying the S/2 of Section 13, Township 22 South, Range 26 East, South Carlsbad Field area, Eddy County, New Mexico, to be dedicated to a well to be drilled 660 feet from the South line and 1980 feet from the East line of said Section 13. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4870: Application of Sun Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its proposed U. D. Sawyer Well No. 10 at an unorthodox location 986 feet from the South line and 1000.5 feet from the East line of Section 27, Township 9 South, Range 36 East, Crossroads-Devonian Pool, Lea County, New Mexico.

CASE 4871: Application of Samedan Oil Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Langlie-Mattix "B-4" Penrose (Queen) Unit Area, comprising 240 acres, more or less, of Federal lands in Sections 17 and 18, Township 23 South, Range 37 East, Lea County, New Mexico.

CASE 4872: Application of Samedan Oil Corporation for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Queen formation through two wells in its Langlie-Mattix "B-4" Unit Area, Langlie-Mattix Pool, Lea County, New Mexico.

CASE 4862: (Continued and readvertised)

Application of Adobe Oil Company for a non-standard gas proration unit and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 520-acre non-standard gas proration unit comprising the NE/4, SE/4, E/2 SW/4, N/2 NW/4, and SE/4 NW/4 of Section 11, Township 23 South, Range 24 East, Rock Tank-Upper Morrow and Rock Tank-Lower Morrow Gas Pools, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 330 feet from the East line of said Section 11.

CASE 4863: (Continued and readvertised)

Application of C & K Petroleum Inc. for an unorthodox well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be located 660 feet from the South and West lines, or in the alternative, 990 feet from the South line and 660 feet from the West line of Section 18, Township 18 South, Range 26 East, West Atoka-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to a standard proration unit comprising the S/2 of said Section 18.

CASE 4873: Application of Mountain States Petroleum Corporation for gas prorationing, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the institution of gas prorationing in the West Atoka-Morrow Gas Pool, Eddy County, New Mexico.

WAIVER

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

Gentlemen:

We have been advised by Sun Oil Company of their intention to drill the U. D. Sawyer #10 in the Crossroads (Devonian) Field of Lea County, New Mexico.

This well will be located 1000.5' FEL and 986.1' FSL of Section 27, T-9-S, R-36-E, Lea County, New Mexico.

Please be advised that the undersigned, hereby waives any objection to the location of the proposed drilling of the above mentioned well.

Yours very truly,

TEXACO INC.

By:

R. Brown

Date: November 10, 1972

WAIVER

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

Gentlemen:

We have been advised by Sun Oil Company of their intention to drill the U. D. Sawyer #10 in the Crossroads (Devonian) Field of Lea County, New Mexico.

This well will be located 1000.5' FEL and 986.1' FSL of Section 27, T-9-S, R-36-E, Lea County, New Mexico.

Please be advised that the undersigned, hereby waives any objection to the location of the proposed drilling of the above mentioned well.

Yours truly,

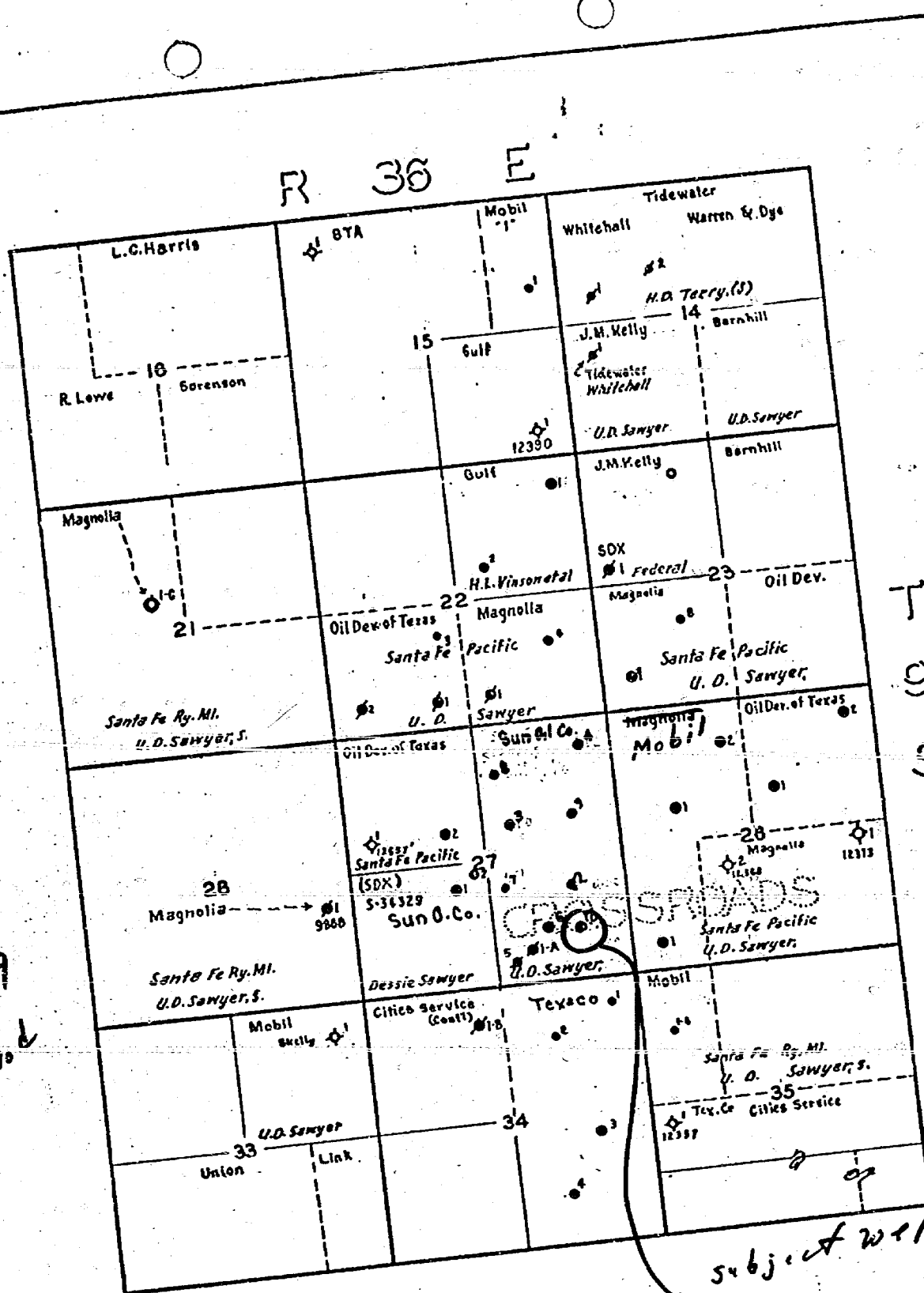
By:

*JA Morris*

MOBIL OIL CORPORATION

Date:

11/13/72



12390  
5  
#6 prod

PRODUCING FORMATION		SUN OIL COMPANY		PRODUCING LEASES	
NAME	AVERAGE DEPTH	FIELD: CROSSROADS		U.D. SAWYER, DESSIE SAWYER NEW MEXICO FED. "O"	
		DISTRICT: N&W. TEXAS		GROUP: TATUM	
		COUNTY: LEA		STATE: N. M.	
		SCALE			
		3000 1500 0 1500 3000 6000			
		FEET			

**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 <b>SUN OIL COMPANY</b>			Lease <b>U.D. SAWYER</b>		Well No. <b>10</b>
Unit Letter <b>P</b>	Section <b>27</b>	Township <b>9 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>986.1</b> feet from the <b>SOUTH</b> line and <b>1000.5</b> feet from the <b>EAST</b> line					
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage: <div style="text-align: right;">Acres</div>		

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 \_\_\_\_\_

---

Position \_\_\_\_\_

---

Company \_\_\_\_\_

---

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.*

---

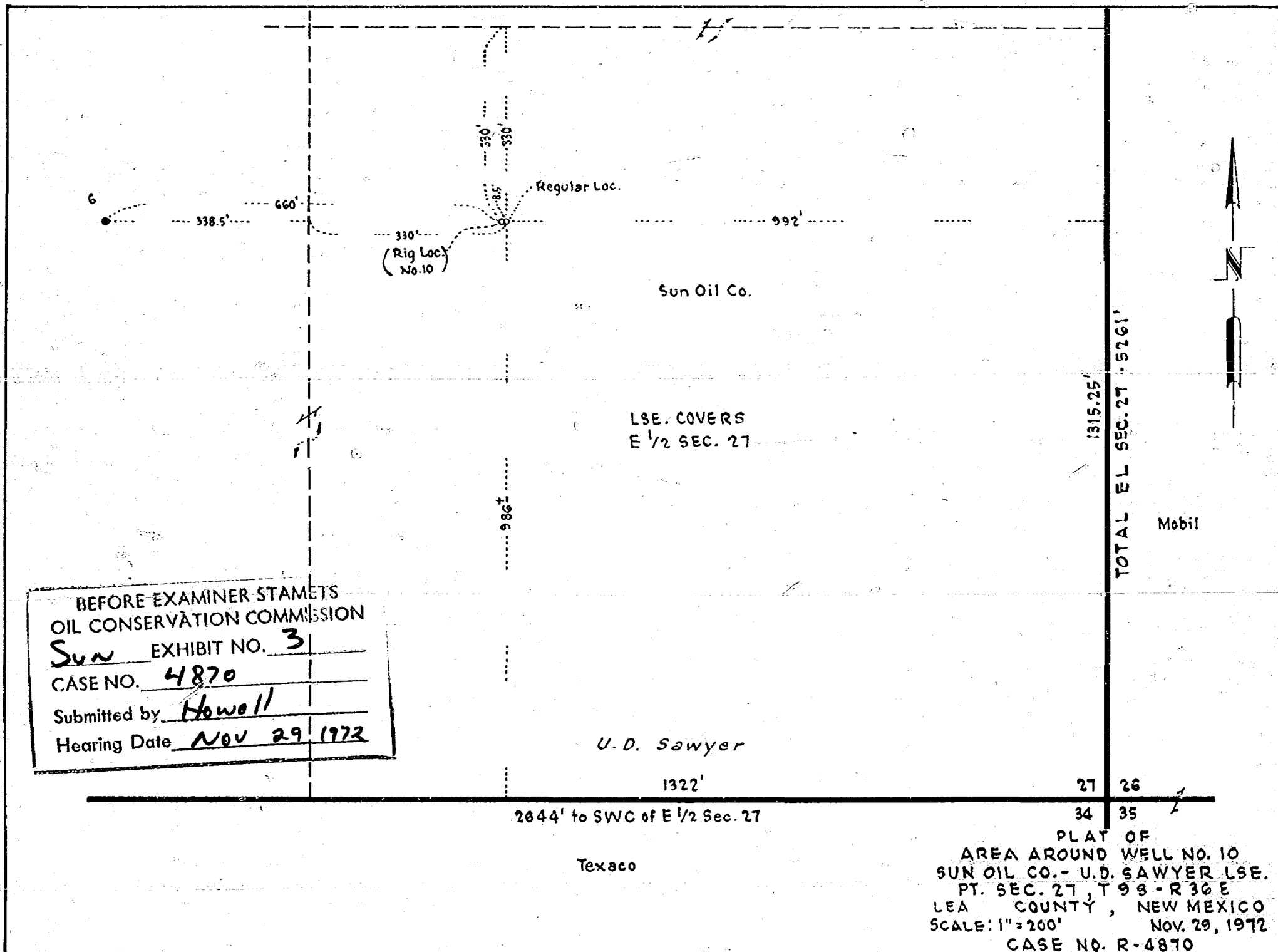
Date Surveyed  
**OCTOBER 28, 1972**

---

Registered Professional Engineer and/or Land Surveyor  
*John W. West*

---

Certificate No. **676**



WAIVER

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

Gentlemen:

We have been advised by Sun Oil Company of their intention to drill the U. D. Sawyer #10 in the Crossroads (Devonian) Field of Lea County, New Mexico.

This well will be located 1000.5' FEL and 986.1' FSL of Section 27, T-9-S, R-36-E, Lea County, New Mexico.

Please be advised that the undersigned, hereby waives any objection to the location of the proposed drilling of the above mentioned well.

Yours very truly,

TEXACO INC.

By:

R. D. Brown

Date: November 10, 1972

BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
Sun	EXHIBIT NO. 4
CASE NO.	4870
Submitted by	Howell
Hearing Date	Nov 29, 1972



WAIVER

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

Gentlemen:

We have been advised by Sun Oil Company of their intention to drill the U. D. Sawyer #10 in the Crossroads (Devonian) Field of Lea County, New Mexico.

This well will be located 1000.6' FSL and 986.1' FSL of Section 27, T-9-S, R-36-E, Lea County, New Mexico.

Please be advised that the undersigned, hereby waives any objection to the location of the proposed drilling of the above mentioned well.

Yours truly,

By:

J. A. Morris

SUN OIL CORPORATION  
MOBIL OIL CORPORATION

Date:

11/13/72

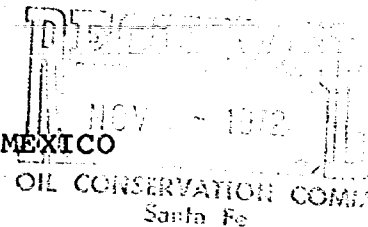
BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION

SUN EXHIBIT NO. 5  
CASE NO. 4870

Submitted by Howell

Hearing Date Nov 29, 1972

BEFORE THE  
OIL CONSERVATION COMMISSION OF NEW MEXICO



IN THE MATTER OF THE APPLICATION OF  
SUN OIL COMPANY FOR APPROVAL OF AN  
UNORTHODOX WELL LOCATION  
CROSSROADS DEVONIAN POOL, LEA COUNTY  
NEW MEXICO

*Case 4870*

A P P L I C A T I O N

COMES now Sun Oil Company and applies to the Oil Conservation Commission of New Mexico for approval of an unorthodox well location in the Crossroads Devonian Pool, Lea County, New Mexico, and in support thereof would show the Commission:

1. Applicant is the owner of the right to drill and develop the oil and gas minerals in the area involved in this application.
2. Applicant proposes to drill a well, U-D Sawyer Well #10, to the Crossroads Devonian Pool at a location of 1,000.5 feet from the East line and 986 feet from the South line of Section 27, Township 9 South, Range 36 East, N.M.P.M., Lea County, New Mexico.
3. A well located as proposed will prevent waste, is in the interests of conservation, and the correlative rights of no offset operators will be impaired.

WHEREFORE, applicant prays that his application be set for hearing before the Commission or the Commission's duly appointed examiner, and that after notice and hearing as required by

DOCKETED  
Date *11-17-72*

law the Commission enter its order approving the location  
as prayed for.

Respectfully submitted

SUN OIL COMPANY

BY

*W. V. Kellahin*

KELLAHIN & FOX

P. O. Box 1769

Santa Fe, New Mexico 87501

ATTORNEYS FOR APPLICANT

Sun Oil Co.

986 FSL

992 FEL

27 95 36 E

U. O. Sawyer Well No 10

Crossroads Devonian Pool Lea Co.

called in by Bob Huie 11/8/72

written app will follow  
from Jason R.

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. 4870

Order No. R-4450

APPLICATION OF SUN OIL COMPANY  
FOR AN UNORTHODOX LOCATION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 29, 1972, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this day of December, 1972, 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, Sun Oil Company, seeks authority to drill its proposed U. D. Sawyer Well No. 10 at an unorthodox location 986.1 feet from the South line and 1000.5 feet from the East line of Section 27, Township 9 South, Range 36 East, Crossroads <sup>Siluro-Duonian</sup> Pool, Lea County, New Mexico.

(3) That said location varies from a standard location by 8 1/2 feet and is further from situated more distant from acreage of offsetting operators than standard locations.

(4) That all <sup>operators having offsetting acreage</sup> ~~offset operators~~ in said pool have waived objection to the proposed location.

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Case No. 4870  
Order No. R-

OK (5) That the SE/4 3E/4 of said Section 27 is to be dedicated to the well.

~~(4) That a well drilled at the proposed location should allow the applicant to more adequately test the extent of the subject pool than a well drilled at a standard location.~~

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the subject 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 an unorthodox oil well location for the Devonian formation is hereby approved for the Sun Oil Company U. D. Sawyer Well No. 10, to be located 986.1 feet from the South line and 1000.5 feet from the East line of Section 27, Township 9 South, Range 36 East, NMPM, Crossroads <sup>Siluro-Devonian</sup> ~~Devonian~~ Pool, Lea County, New Mexico.

(2) That the SE/4 3E/4 of said Section 27 shall be dedicated to the above-described well.

(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.