

Case Number

4713

Application

Transcripts

Small Exhibits

ETC.

dearnley, meier & mc cormick reporting service, inc.

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
CONFERENCE HALL, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
May 17, 1972

EXAMINER HEARING

IN THE MATTER OF:

Application of Tenneco Oil Company
for nonstandard proration units,
McKinley County, New Mexico.

CASE NO. 4713

BEFORE: RICHARD L. STAMETS
Examiner

TRANSCRIPT OF HEARING

1 MR. STAMETS: Case 4713.

2 MR. HATCH: Application of Tenneco Oil Company
3 for nonstandard proration units, McKinley County, New
4 Mexico.

5 MR. BATEMAN: Ken Bateman of Koch, White, Kelly
6 & McCarthy, of Santa Fe, appearing on behalf of the
7 Applicant. We have one witness that we ask be sworn.

8 MR. STAMETS: Are there other appearances in
9 this Case?

10 (No response.)

11 MR. STAMETS: You may be seated.

12 WILLIAM E. BABYAK,
13 was called as a witness and, after being duly sworn, testified
14 as follows:

15 DIRECT EXAMINATION

16 BY MR. BATEMAN:

17 Q Would you state your name, address and occupation for
18 the record?

19 A My name is William E. Babyak, I live at 6522 South
20 Albion Way, Littleton, Colorado.

21 I am employed as a Petroleum Engineer for
22 Tenneco Oil Company.

23 Q Have you previously testified before the Commission?

24 A No, I have not.

25 Q Would you briefly state your educational background and

1 work experience?

2 A I have worked for Tenneco Oil Company as a Petroleum
3 Engineer for the last five years and nine months.

4 One of my principal areas of responsibility has
5 been the Lone Pine-Dakota D Oil Pool. I hold a
6 Bachelor's of Science Degree from the University of
7 Pittsburgh; a Master of Science Degree from Southwestern
8 University.

9 In addition, I am a registered professional
10 engineer in the State of New Mexico.

11 MR. BATEMAN: Are the witness' qualifications
12 accepted?

13 MR. STAMETS: They are.

14 Q (By Mr. Bateman) Would you briefly review the pool
15 rules as related to your Application?

16 A The pool rules as set up in Commission Order R-4084,
17 set up eighty acre standard proration units in the
18 Lone Pine-Dakota D Pool.

19 The alignment of each unit is variable on either
20 side of the quarter sections. More recently, the
21 field was unitized under Commission Order R-4662 and
22 pressure maintenance was set up under one of the
23 special rules set forth.

24 Q Are all of the areas in question inside of the unit?

25 A Yes.

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1 Q Would you identify both Exhibits 1 and 2 and state
2 to the Commissioner what Tenneco's proposal is?

3 A Yes, Exhibit 1 is a plat of the Lone Pine-Dakota D
4 unit showing the alignment of the current proration
5 units.

6 Exhibit 2 is a plat of the same unit showing the
7 alignment of the proposed proration units as we wish
8 to change them.

9 Going through these things clockwise, as you can
10 see in the upper right-hand corner, we have a blue area
11 which are unit wells numbers 2 and 3. Currently this
12 area is assigned as an eighty acre proration unit. Well
13 Number 3 which is an oil producer in our proposal, we
14 wish to change the alignment of the proration unit
15 assigned to Well Number 3 and make it a north-south
16 unit and assign a north-south proration unit to Unit
17 Well Number 2 which is a gas injection well.

18 The red area to the right we wish to assign eighty
19 acre proration units to the water injection Well Number
20 17. This Well is in a 40 acre proration unit set on
21 the basis of a dry hole and we have since reentered the
22 well and made a water injection well out of it.

23 The situation on Unit Well Number 26, which is
24 in the purple area, is very similar to that of Well
25 Number 17.

1 It was originally drilled on a 40 acre proration
2 unit and then temporarily abandoned. We currently
3 wish to set it up on a east-west 79.44 acre proration
4 unit with an east-west alignment.

5 On Unit Well Number 28 we only wish to change
6 the alignment from a north-south 80 acre unit to an
7 east-west 80 acre unit.

8 On Well 14, designated by the black area, this
9 originally was a shut-in gas well set up on a 40 acre
10 proration unit.

11 We wish to change it to a 19.58 acre proration
12 unit with an east-west alignment.

13 Well Number 12 was a shut-in gas well on a 40 acre
14 proration unit. We wish to change it to a 19.59
15 proration unit.

16 Well Number 5, as you can see, originally was set
17 up on a north-south proration unit of 80 acres. The
18 north half of that proration unit falls outside of the
19 unit and we wish to change the alignment to an east-west
20 proration unit consisting of 19.66 acres.

21 Q Now, do any of the proposed units cross Section lines?

22 A No, they do not.

23 Q Do you have any question at all concerning the ability
24 of these wells to drain the acreage in the proposal?

25 A No, there is no question. Previous testimony given

1 before the Commission has proved the ability of the
2 reservoir to sustain 80 acre spacing.

3 Q Do each of the 40 acre subdivisions have oil or
4 gas pay under them?

5 A Yes, sir. Exhibits presented to the Commission
6 previously have demonstrated this.

7 Q Would you just briefly summarize the basis for your
8 request?

9 A Well, our basic intent here is to give each producing
10 gas or water injection well its full 80 acre proration
11 unit and also all of the proration units assigned to
12 the Lone Pine-Dakota D Units fall within the confines
13 of the established unit.

14 MR. BATEMAN: Before proceeding, I would like to
15 point out in paragraph 7 of the advertisement an error of
16 mine. It says 80 acre unit and it should read 79.44 acre
17 unit. We would like to correct our Application at this time.
18 In addition, the Applicant wishes to delete the last sentence
19 of the Application dealing with an Application for
20 administrative procedure for approval of proration units in
21 the future.

22 Q (By Mr. Bateman) If your proposal is granted by
23 the Commission, do you believe it will prevent waste
24 and protect correlative rights?

25 A Yes.

1 Q Were Exhibits 1 and 2 prepared by you?

2 MR. BATEMAN: I move for the introduction of
3 Exhibits 1 and 2.

4 MR. STAMETS: Without objection, Exhibits 1 and
5 2 will be admitted into evidence.

6 (Whereupon, Applicant's Exhibits 1 and 2 were
7 admitted in evidence.)

8 MR. BATEMAN: No further questions.

9 MR. HATCH: When the Applicant withdraws the
10 requests indicated in paragraph 7 and 8 of the Application,
11 that leaves just paragraphs 1 through 6 of the Application;
12 is that correct?

13 MR. BATEMAN: Yes, sir.

14 MR. STAMETS: Are there any questions of Mr. Babyak?

15 * * * * *

16 CROSS EXAMINATION

17 BY MR. KENDRICK

18 Q Mr. Babyak, are Wells Numbers 25, 12, and 14 all under
19 gas injection, at the present time?

20 A Well Number 14, at this time, is not under gas
21 injection, neither is Well Number 2 which is in the
22 latest stage of pressure maintenance.

23 At this time, the only wells under gas injection
24 are Wells 5 and 12.

25 Q What is the proposed time that water will be injected

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1 in Wells 17 and 26?

2 A We commenced water injection in Well Number 26 as
3 of May 11th.

4 As of the middle of June, approximately, we
5 will commence water injection in Well Number 17.

6 MR. KENDRICK: That's all the questions I have.

7 * * * * *

8 CROSS-EXAMINATION

9 BY MR. ARNOLD:

10 Q What is the source of the acreage information that
11 you recommend for these units, a General Land Office
12 Survey Plat, or a private survey plat? Do you know
13 where that acreage calculation came from?

14 A No, I do not.

15 MR. ARNOLD: That's all.

16 * * * * *

17 CROSS-EXAMINATION

18 BY MR. HATCH:

19 Q Mr. Babyak, do you know whether Tenneco has taken
20 all the gas that has been produced from this field?

21 A We apparently have all of the gas from within the
22 confines of the unit.

23 Q But not from the pool?

24 A As defined, no.

25 Q Do you plan to take all of the gas produced from the

1 pool?

2 A We are currently in negotiations with Mr. Kennedy
3 on the prospects of including their Number 1 well
4 in the Dakota D Pool.

5 Q I don't suppose you could give the Commissioner any
6 time in which that might be resolved?

7 A No, I could not give any indication to you on that.

8 Q Do you think you might get some information and keep
9 the Commission advised on the progress of that?

10 A Yes, this has always been our policy, to keep the
11 Commission advised on unit expansion and so forth.

12 MR. HATCH: That's all the questions I have.

13 * * * * *

14 CROSS-EXAMINATION

15 BY MR. STAMETS:

16 Q Mr. Babyak, I wonder if you would be so kind as to
17 send us the information as to exactly where the
18 information on the survey of these nonstandard units
19 came from?

20 A Yes, we certainly will submit that to the Commission.

21 Q I believe it was your testimony that evidence in
22 previous cases concerning this pool indicated that the
23 acreage under all of the units that you have proposed
24 here is productive of oil or gas from the Lone-Pine
25 Dakota D pool?

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1 A Yes, if not entirely, at least in part.
2 MR. STAMETS: Any other questions of this
3 witness?
4 (No response.)
5 MR. STAMETS: If not, he may be excused.
6 (Witness excused.)
7 MR. STAMETS: Any other appearances in this Case?
8 (No response.)
9 MR. STAMETS: Any statements?
10 (No response.)
11 MR. STAMETS: The Case will be taken under
12 advisement.
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1 STATE OF NEW MEXICO)
2) ss
3 COUNTY OF BERNALILLO)

4 I, RICHARD E. McCORMICK, a Certified Shorthand Reporter,
5 in and for the County of Bernalillo, State of New Mexico,
6 do hereby certify that the foregoing and attached Transcript
7 of Hearing before the New Mexico Oil Conservation Commission
8 was reported by me; and that the same is a true and correct
9 record of the said proceedings to the best of my knowledge,
10 skill and ability.

11 Richard E. McCormick
12 CERTIFIED SHORTHAND REPORTER

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22 I do hereby certify that the foregoing is
23 a complete record of the proceedings in
24 the Executive Hearing of Case No. 4713
25 heard by me on May 17, 1977
Richard E. McCormick, Reporter
New Mexico Oil Conservation Commission

dearnley, meier & mc cormick

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I N D E X

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<u>WILLIAM BABYAK</u>	
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Cross-Examination by Mr. Hatch	9
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E X H I B I T S

<u>APPLICANT'S</u> (Tenneco)	<u>OFFERED</u>	<u>ADMITTED</u>
Exhibit Number 1	5	8
Exhibit Number 2	5	8



OIL CONSERVATION COMMISSION

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

87501

May 30, 1972

**GOVERNOR
BRUCE KING
CHAIRMAN**

**LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER**

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

Re: Case No. 4713

Order No. R-4315

Applicant:

Tenneco Oil Company

Mr. Ken Bateman
White, Koch, Kelly & McCarthy
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

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 x

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 4713
Order No. R-4315

APPLICATION OF TENNECO OIL
COMPANY FOR NON-STANDARD
PRORATION UNITS, MCKINLEY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 17, 1972,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 30th day of May, 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, Tenneco Oil Company, seeks approval
of six non-standard oil proration units in the Lone Pine Dakota
"D" Oil Pool, McKinley County, New Mexico.
- (3) That the proposed non-standard proration units can
be efficiently and economically developed by the subject wells.
- (4) That approval of the subject application 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 otherwise prevent waste and
protect correlative rights.

IT IS THEREFORE ORDERED:

- (1) That the following-described non-standard oil proration
units in the Lone Pine Dakota "D" Oil Pool, McKinley County,
New Mexico, are hereby established and dedicated as follows:
 1. An 80-acre unit comprising the SE/4 NE/4 and the
NE/4 SE/4 of Section 7, Township 17 North, Range
8 West, to be dedicated to its Lone Pine Dakota
"D" Unit Well No. 2, located in Unit I of said
Section 7.

-2-

CASE NO. 4713

Order No. R-4315

2. An 80-acre unit comprising the SW/4 NE/4 and NW/4 SE/4 of Section 7, Township 17 North, Range 8 West, to be dedicated to Unit Well No. 3, located in Unit J of said Section 7.
3. A 91.66-acre unit comprising Lots 7 and 8 and SW/4 SE/4 of Section 12, Township 17 North, Range 9 West, to be dedicated to Unit Well No. 5, located in Lot 7 of said Section 12.
4. A 91.59-acre unit comprising Lots 1 and 2 and NW/4 NE/4 of Section 13, Township 17 North, Range 9 West, to be dedicated to Unit Well No. 12, located in Unit B of said Section 13.
5. A 91.56-acre unit comprising Lots 3 and 4 and SW/4 NE/4 of Section 13, Township 17 North, Range 9 West, to be dedicated to Unit Well No. 14, located in Unit H of said Section 13.
6. An 80-acre unit comprising the SW/4 NW/4 and NW/4 SW/4 of Section 17, Township 17 North, Range 8 West, to be dedicated to Unit Well No. 17, located in Unit L of said Section 17.

(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



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/

Case 4713 continued from page 1

7. An 80-acre unit comprising Lot 1 and the NE/4 NW/4 of Section 19, Township 17 North, Range 8 West, to be dedicated to Well No. 26;
8. An 80-acre unit comprising the N/2 NW/4 of Section 24, Township 17 North, Range 9 West, to be dedicated to Well No. 28.

Applicant further seeks a procedure whereby other non-standard proration units may be established administratively.

CASE 4714: Application of Thunderbird Oil Corporation for an unorthodox well location and amendment of Order No. R-1145, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing oil well at an unorthodox location 2635 feet from the North line and 1315 feet from the West line of Section 8, Township 13 South, Range 32 East, in the North Caprock-Queen Unit Waterflood Project, Lea County, New Mexico, authorized by Order No. R-1145. Applicant further seeks a procedure whereby additional production and injection wells at orthodox and unorthodox locations may be approved administratively.

CASE 4715: Application of Glen D. Aaron and James C. Whitten for an unorthodox well location, Eddy County, New Mexico. Applicants, in the above-styled cause, seek approval for an unorthodox gas well location for their well to be drilled 990 feet from the South line and 1650 feet from the West line of Section 11, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, with the W/2 of said Section 11 to be dedicated to the well.

CASE 4716: Application of Union Oil Company of California for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to directionally drill its Owens Well No. 2, having a surface location in Unit I of Section 34, Township 14 South, Range 35 East, Morton-Wolfcamp Pool, Lea County, New Mexico. Applicant proposes to set a whipstock at approximately 7200 feet and to directionally drill to bottom the well in the Wolfcamp formation within 100 feet of a point in Unit H 1730 feet from the North line and 560 feet from the East line of said Section 34. Applicant proposes to dedicate the S/2 NE/4 of Section 34 to the well.

CASE 4717: Application of Sohio Petroleum Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard unit in an undesignated San Andres gas pool comprising the S/2 SE/4 of Section 7 and the W/2 SW/4 of Section 8, Township 21 South, Range 37 East, Lea County, New Mexico, to be dedicated to its well located 660 feet from the South line and 660 feet from the West line of said Section 8.

CASE 4718: Application of E. B. White, Jr. for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Phantom Banks Unit Area comprising 7680 acres, more or less, of federal, state, and fee lands in Township 26 South, Range 31 East, Eddy County, New Mexico.

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 17, 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 Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for June, 1972, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico; also presentation of purchaser's nominations for said pools for the six-month period beginning July 1, 1972;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for June, 1972.

CASE 4712: Application of Texaco Inc. for multiple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Lockhart (NCT-1) Well No. 3 located in Unit 0 of Section 18, Township 22 South, Range 38 East, Lea County, New Mexico, in such a manner as to produce oil from the Paddock and Blinbry Oil Pools through a single string of tubing and gas from the Tubb Gas Pool through the casing-tubing annulus.

CASE 4713: Application of Tenneco Oil Company for non-standard proration units, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of the following-described non-standard proration units in the Lone Pine-Dakota "D" Oil Pool, McKinley County, New Mexico.

1. An 80-acre unit comprising the SE/4 NE/4 and the NE/4 SE/4 of Section 7, Township 17 North, Range 8 West, to be dedicated to Well No. 2;
2. An 80-acre unit comprising the SW/4 NE/4 and NW/4 SE/4 of Section 7, Township 17 North, Range 8 West, to be dedicated to Well No. 3;
3. A 91.66-acre unit comprising Lots 7 and 8 and SW/4 SE/4 of Section 12, Township 17 North, Range 9 West, to be dedicated to Well No. 5.
4. A 91.59-acre unit comprising Lots 1 and 2 and NW/4 NE/4 of Section 13, Township 17 North, Range 9 West, to be dedicated to Well No. 12;
5. A 91.56-acre unit comprising Lots 3 and 4 and SW/4 NE/4 of Section 13, Township 17 North, Range 9 West, to be dedicated to Well No. 14;
6. An 80-acre unit comprising the SW/4 NW/4 and NW/4 SW/4 of Section 17, Township 17 North, Range 8 West, to be dedicated to Well No. 17;

Case No. 4724 continued from page 3

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the South Empire-Morrow Gas Pool. The discovery well is the Midwest Oil Corporation South Empire Deep Unit No. 1 located in Unit F of Section 6, Township 18 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
SECTION 6: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the Humble City-Strawn Pool. The discovery well is the Harding Oil Company Shipp No. 1 located in Unit K of Section 11, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: SW/4

(c) Create a new pool in Chaves County, New Mexico, classified as an oil pool for Abo production and designated as the Many Gates-Abo Pool. The discovery well is the Jack Phillips Isler Federal No. 1 located in Unit A of Section 31, Township 9 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
SECTION 31: NE/4

(d) Create a new pool in Roosevelt County, New Mexico, classified as a gas pool for Pennsylvanian production and designated as the Peterson-Pennsylvanian Gas Pool. The discovery well is the Amoco Production Company Peterson "A" Gas Com No. 1 located in Unit B of Section 19, Township 5 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
SECTION 19: All

(e) Abolish Loco Hills-Queen Pool in Eddy County, New Mexico, described as:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 29: SW/4
SECTION 31: SE/4 NE/4 and NE/4 SE/4
SECTION 32: NW/4

- CASE 4719: Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its G.C. Matthews Well No. 5 located in Unit J of Section 6, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce oil from the Eunice-Monument and Monument-Paddock Pools through parallel strings of tubing.
- CASE 4720: Application of Rotary Oil & Gas Company for an unorthodox location and non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard gas proration unit in the Osudo-Devonian Gas Pool comprising the NE/4 of Section 32 and the NW/4 of Section 33, Township 20 South, Range 36 East, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the North line and 1980 feet from the East line of said Section 32.
- CASE 4721: Application of C. W. Trainer for a non-standard gas unit, Lea County, New Mexico. Applicant in the above-styled cause, seeks approval of a 316.9-acre non-standard gas spacing unit comprising Lots 1 and 2 and E/2 W/2 of Section 31, Township 24 South, Range 37 East, and Lots 2 and 3 of Section 6, Township 25 South, Range 37 East, undesignated Fusselman and Devonian gas pools, Lea County, New Mexico, to be dedicated to his Sherrell Well No. 1 located 660 feet from the South line and 1590 feet from the West line of said Section 31.
- CASE 4722: Application of C. W. Trainer for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Devonian, Fusselman and Ellenburger formations underlying Lots 1 and 2 and E/2 W/2 of Section 31, Township 24 South, Range 37 East, and Lots 2 and 3 of Section 6, Township 25 South, Range 37 East, Custer Field, Lea County, New Mexico, to form a 316.9-acre non-standard spacing unit for the production of gas from said formations, to be dedicated to his Sherrell Well No. 1 located 660 feet from the South line and 1590 feet from the West line of said Section 31.
- CASE 4723: Application of Black River Corporation for pool abolishment, creation of two new gas pools, and a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the abolishment of the Washington Ranch-Morrow Gas Pool, Eddy County, New Mexico, and the creation of the Washington Ranch-Upper Morrow and Washington Ranch-Lower Morrow Gas Pools for the production of gas from the upper and lower Morrow formations. Applicant further seeks approval of the dual completion (conventional) of its Cities 3 Federal Well No. 1 located in Unit F of Section 3, Township 26 South, Range 24 East, to produce the lower Morrow through tubing and the upper Morrow through the casing-tubing annulus.
- CASE 4724: Southeastern New Mexico nomenclature case calling for an order for the creation, extension, abolishment and contraction of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

Case No. 4724 continued - (1)

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

SECTION 2: All
SECTION 3: Lots 1, 2, 3, 4, 5, 6, 7,
8, 9, and 16
SECTION 4: Lots 1, 3, 4, 5, 6, 8, 11,
12, 13, 14, and 15
SECTION 11: E/2 and NW/4
SECTION 12: All
SECTION 13: All
SECTION 14: E/2
SECTION 24: All
SECTION 30: NW/4

- (j) Contract the Bagley-Lower Pennsylvanian Gas Pool in Lea County,
New Mexico, by the deletion of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 33: SE/4
SECTION 34: W/2 SW/4

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

SECTION 3: NE/4

- (k) Contract the Bagley-Upper Pennsylvanian Gas Pool in Lea County,
New Mexico, by the deletion of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 33: N/2 and SE/4
SECTION 34: W/2 and SE/4

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

SECTION 3: SE/4
SECTION 4: N/2
SECTION 5: N/2 and SW/4
SECTION 10: NE/4

- (1) Contract the Bagley-Pennsylvanian Pool in Lea County, New Mexico,
by the deletion of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 34: N/2 NE/4 and W/2 SW/4

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

SECTION 3: S/2 SW/4
SECTION 4: S/2
SECTION 5: S/2

Case No. 4724 continued from page 4

(f) Abolish the Sand Tank-Queen Pool in Eddy County, New Mexico, described as:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 7: NE/4 SE/4

(g) Extend the vertical limits of the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, to include the Queen formation and redesignate said pool to Loco Hills Queen Grayburg-San Andres Pool.

(h) Abolish the Terry-Blinebry Pool in Lea County, New Mexico, described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: SE/4
SECTION 33: S/2 and NE/4
SECTION 34: S/2 and NW/4
SECTION 35: S/2
SECTION 36: W/2

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: Lots 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, and S/2
SECTION 2: All
SECTION 3: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, and 16
SECTION 4: Lots 1, 3, 4, 5, 6, 8, 11, 12, 13, 14, and 15
SECTION 11: E/2 and NW/4
SECTION 12: All
SECTION 13: All
SECTION 14: E/2
SECTION 24: All

(i) Extend the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: SE/4
SECTION 33: S/2 and NE/4
SECTION 34: S/2 and NW/4
SECTION 35: S/2
SECTION 36: W/2

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 25: NE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: Lots 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, and S/2

Case No. 4724 continued

(u) Extend the Garrett-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 38 EAST, NMPM
SECTION 28: NE/4

(v) Extend the Jennings-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 4: NE/4

(w) Extend the Round Tank-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: SE/4

(x) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 27: SE/4

(y) Extend the Townsend-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
SECTION 9: W/2 and SE/4
SECTION 10: S/2
SECTION 15: E/2

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 21: SE/4
SECTION 22: SW/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 19: NE/4

(aa) Extend the Washington Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM
SECTION 35: W/2

(bb) Extend the Osudo-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
SECTION 31: E/2

Case No. 4724 continued

- (m) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 34: N/2 NE/4 and W/2 SW/4

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: S/2 SW/4

- (n) Extend the Allison-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
SECTION 11: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
SECTION 11: All

- (p) Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 9: All

- (q) Extend the Chambers-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM
SECTION 35: SW/4

- (r) Extend the Dollarhide-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
SECTION 30: SW/4

- (s) Extend the Dollarhide-Ellenburger Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
SECTION 31: E/2

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

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 1: NW/4 NE/4
SECTION 12: E/2 NW/4

Case 4725 continued from page 9

(d) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Paradox production, designated as the Cone-Paradox Oil Pool and described as:

TOWNSHIP 31 NORTH, RANGE 18 WEST, NMPM
SECTION 22: SE/4

(e) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Mesaverde production, designated as the Crouch Mesa-Mesaverde Pool and described as:

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM
SECTION 5: W/2
SECTION 6: N/2

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM
SECTION 31: SW/4

(f) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Mesaverde production, designated as the Cuervo-Mesaverde Oil Pool and described as:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
SECTION 28: NE/4

(g) Create a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Mesaverde production, designated as the Devils Fork-Mesaverde Oil Pool and described as:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 16: SW/4

(h) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Dakota production, designated as the Dufers Point-Dakota Oil Pool and described as:

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM
Section 17: E/2
Section 19: N/2 & SW/4
Section 20: N/2

(i) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Dakota production, designated as the Escrito-Dakota Oil Pool and described as:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
Section 1: W/2
Section 2: N/2
Section 12: W/2

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM
Section 35: SW/4

CASE 4725: Northwest New Mexico nomenclature case calling for an order for the creation, extension and contraction of certain pools in San Juan and Rio Arriba Counties, New Mexico.

(a) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Farmington production, designated as the Alamo-Farmington Oil Pool and described as:

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
SECTION 4: S/2
SECTION 9: NE/4
SECTION 10: W/2
SECTION 15: NW/4 & SW/4 NE/4

(b) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, designated as the Amarillo-Gallup Oil Pool and described as:

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM
SECTION 33: SE/4 SE/4
SECTION 34: SW/4 & SE/4 NW/4

(c) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, designated as the Blanco-Fruitland Pool and described as:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM
SECTION 2: W/2
SECTION 3: N/2
SECTION 4: NE/4
SECTION 11: NW/4

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM
SECTION 29: S/2
SECTION 30: S/2

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
SECTION 8: N/2 & SE/4
SECTION 9: S/2
SECTION 16: E/2
SECTION 21: E/2
SECTION 25: S/2
SECTION 26: S/2
SECTION 27: S/2
SECTION 28: E/2
SECTION 33: N/2 & SE/4
SECTION 34: All
SECTION 35: W/2

Case No. 4725 continued from page 11

(o) Create a new pool in San Juan and Rio Arriba Counties, New Mexico, classified as a gas pool for Chacra production, designated as the Largo-Chacra Pool and described as:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM
SECTION 19: S/2

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM
SECTION 23: S/2
SECTION 24: S/2
SECTION 26: W/2
SECTION 35: NW/4

(p) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, designated as the Lindrith-Gallup Pool and described as:

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM
SECTION 20: All
SECTION 21: All
SECTION 28: All
SECTION 29: All

(q) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, designated as the Meadows-Gallup Oil Pool and described as:

TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM
SECTION 33: S/2 & SW/4 NW/4
SECTION 34: SW/4

(r) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Mesaverde production, designated as the Nenahnezad-Mesaverde Oil Pool and described as:

TOWNSHIP 29 NORTH, RANGE 15 WEST, NMPM
SECTION 10: SW/4

(s) Create a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Dakota production, designated as the Ojito-Dakota Oil Pool and described as:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
SECTION 17: SW/4
SECTION 18: SE/4
SECTION 19: NE/4

(t) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, designated as the North Pinon-Gallup Pool and described as:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
SECTION 28: SW/4

Case 4725 continued from page 10

(j) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Gallup production, designated as the Flora Vista-Gallup Pool and described as:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
SECTION 2: SW/4
SECTION 3: N/2 & SE/4
SECTION 4: N/2

(k) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Mesaverde production, designated as the Gonzales-Mesa-Mesaverde Pool and described as:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
SECTION 5: W/2
SECTION 6: All
SECTION 7: NE/4
SECTION 8: All

(l) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, designated as the Harris Mesa-Chacra Pool and described as:

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM
SECTION 26: SW/4
SECTION 27: S/2
SECTION 28: S/2
SECTION 29: E/2

(m) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, designated as the Huerfano-Pictured Cliffs Pool and described as:

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
SECTION 1: NE/4

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM
SECTION 19: S/2

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM
SECTION 24: SE/4
SECTION 25: E/2
SECTION 36: E/2

(n) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, designated as the Jewett Valley-Gallup Oil Pool and described as:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM
SECTION 3: W/2 & SE/4

Case No. 4725 continued from page 12

(u) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, designated as the Pump Mesa-Fruitland Pool and described as:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM
SECTION 32: SW/4

(v) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, designated as the Twin Mounds-Pictured Cliffs Pool and described as:

TOWNSHIP 30 NORTH, RANGE 14 WEST, NMPM
SECTION 31: SE/4
SECTION 32: S/2
SECTION 33: S/2

(w) Create a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Dakota production, designated as the Wild Horse-Dakota Oil Pool and described as:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM
SECTION 26: NW/4 NW/4
SECTION 27: N/2 & NW/4 SW/4

(x) Contract the Gavilan-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, by the deletion of the following described area:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
SECTION 23: SE/4

(y) Create a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Pictured Cliffs production, designated as the Sleeper-Pictured Cliffs Oil Pool and described as:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
SECTION 23: S/2
SECTION 26: NE/4

(z) Extend the Tapacito-Gallup Associated Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM
SECTION 19: S/2
SECTION 20: SW/4
SECTION 29: NW/4

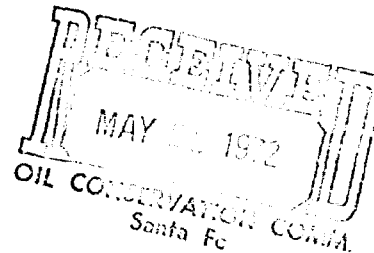
TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
SECTION 24: S/2

TENNECO OIL COMPANY A Tenneco Company

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



May 18, 1972



Mr. A. L. Porter, Jr.
Secretary - Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: Commission Hearing Case 4173
May 17, 1972
Request for Land Office
Plats - Lone Pine Area
Township 17 North, Range 8 West
Township 17 North, Range 9 West
McKinley County, New Mexico

Gentlemen:

In response to the request by Examiner Richard L. Stamets concerning the captioned information, enclosed please find the following:

1. A base map prepared by Tenneco of the Lone Pine Dakota "D" Field.
2. Surveyor General Plats of Township 17 North, Range 8 West and Township 17 North, Range 9 West.
3. Bureau of Land Management, Land Office Plats of Township 17 North, Range 8 West and Township 17 North, Range 9 West.

If the information provided is insufficient, or you have any questions, please do not hesitate to contact me.

Yours very truly,

TENNECO OIL COMPANY

W. E. Babyak

W. E. Babyak
Petroleum Engineer

WEB/lj
enclosures

cc: Mr. Emery Arnold
NMOCC
Aztec, New Mexico
w/enclosures

*OK
AKS
5-22-72*

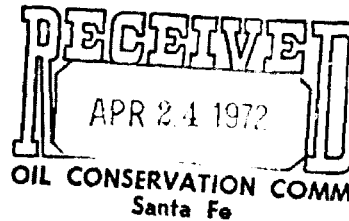
Geo. 827-2741

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April 18, 1972



Page 4713

Mr. Booker Kelly
White, Koch, Kelly & McCarthy
220 Otero Street
Box 787
Santa Fe, New Mexico 87501

RE: hearing Regarding Proration Units
Lone Pine Dakota "D" Unit
McKinley County, New Mexico

Dear Sir:

Enclosed please find two copies of the following:

Figure 1 - A plat showing existing proration units.

Figure 2 - A plat showing the proration units (in red) as we would like to revise them.

Conversations with Mr. George Hatch, NMOCC Counsel have indicated that we must have a hearing in order to change the proration units because of (1) non-standard unit sizes and (2) some units cross quarter section lines. In addition, we would like to amend the Lone Pine Dakota "D" Unit Special Rules to handle such problems administratively in the future.

We would appreciate your setting up a hearing regarding this matter as soon as possible. Legal descriptions of the proration units are shown below: (Proposed Proration Units, see next page).

If you have any questions in this matter, contact Bill Melnar or Bill Babyak of this office at 303-292-9920.

Yours very truly,

TENNECO OIL COMPANY

R. A. Williford
District Production Manager

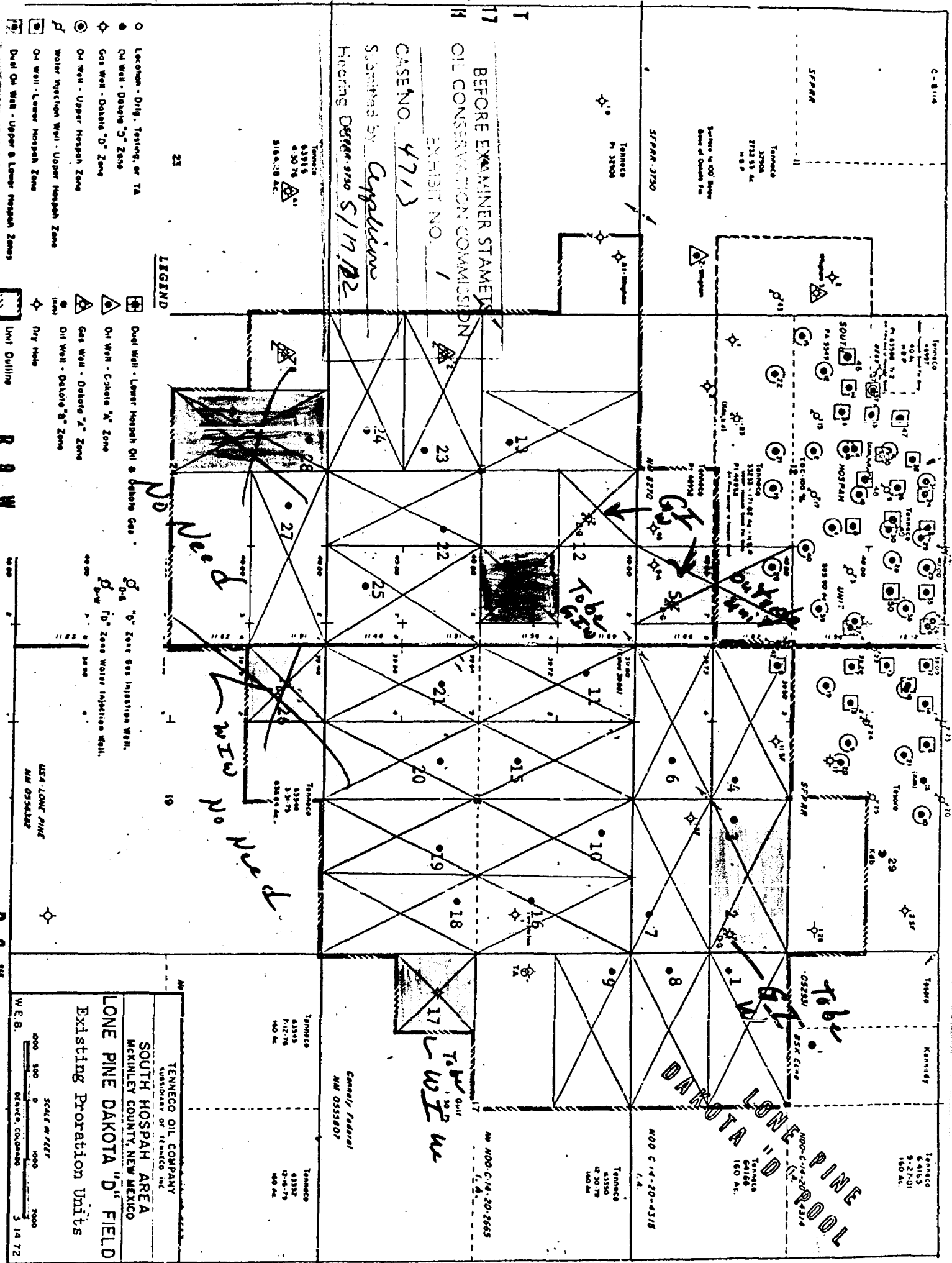
WEB/lj
Attachments

Date 5-5-72

Case 4713

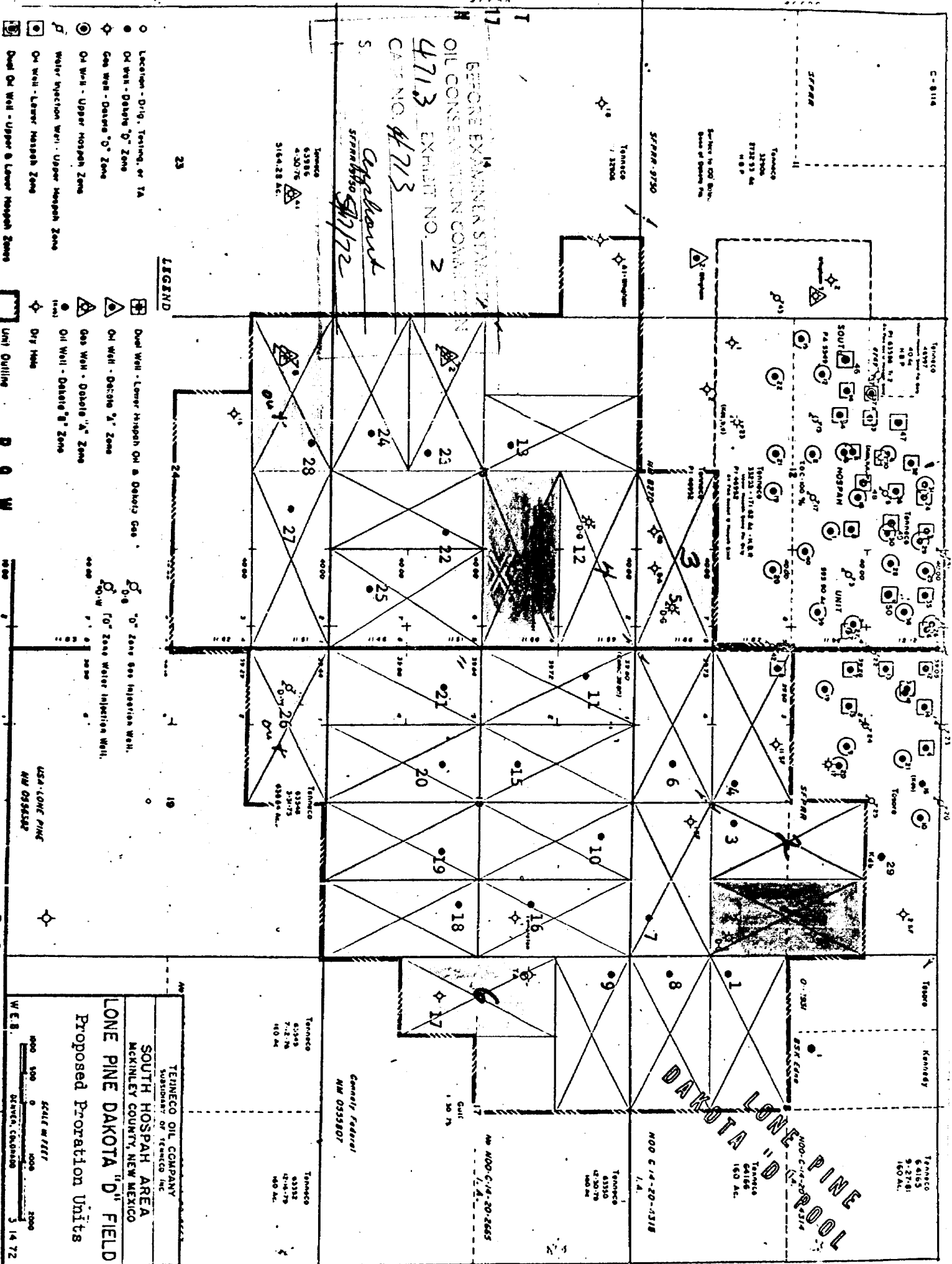
PROPOSED PRORATION UNITS
LONE PINE DAKOTA "D" UNIT

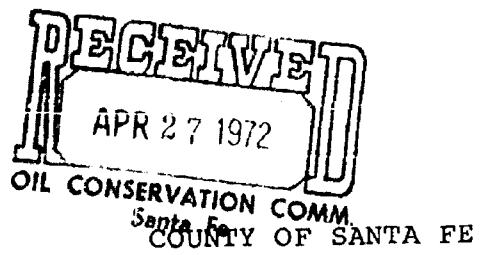
<u>Well No.</u>	<u>Proration Unit</u>	<u>Acreage</u>
2	SE/4 NE/4, NE/4 SE/4 Section 7, T17N, R8W	80 acres, more or less
3	SW/4 NE/4, NW/4 SE/4 Section 7, T17N, R8W	80 acres, more or less
5	Lots 7 & 8, SW/4 SE/4 Section 12, T17N, R9W	91.66 acres, more or less
12	Lots 1 & 2, NW/4 NE/4 Section 13, T17N, R9W	91.59 acres, more or less
14	Lots 3 & 4, SW/4 NE/4 Section 13, T17N, R9W	91.56 acres, more or less
17	SW/4 NW/4, NW/4 SW/4 Section 17, T17N, R8W	80 acres, more or less
26	Lot 1, NE/4 NW/4 Section 19, T17N, R8W	80 acres, more or less
28	N/2 NW/4, Section 24 T17N, R9W	80 acres, more or less



TENNECO OIL COMPANY
 SUBSIDIARY OF TENNECO INC.
 SOUTH HOSPBAR AREA
 MCKINLEY COUNTY, NEW MEXICO
 LONE PINE DAKOTA "D" FIELD
 Existing Proration Units

SCALE IN FEET
 0 500 1000 2000
 W.E.B. SOUTHERN COLORADO
 J 14 72





STATE OF NEW MEXICO

BEFORE THE OIL CONSERVATION COMMISSION

Case 4713

APPLICATION FOR UNORTHODOX PRORATION UNITS

Comes now Tenneco Oil Company by its Attorney, White, Koch, Kelly & McCarthy and makes its application for approval of certain unorthodox proration units within its Lone Pine Dakota "D" Unit, McKinley County, New Mexico. The Commission has been previously supplied with exhibits illustrating the size and location of the proposed proration units.

The petitioner further requests that its application be advertized for the next regularly scheduled public hearing.

WHITE, KOCH, KELLY & MCCARTHY

By *Kenneth A. Salmon*
Attorneys for Petitioner

DOCKET MAILED

Date *5-5-72*

DRAFT

GMH/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. 4713

Order No. R- 4315

APPLICATION OF TENNECO OIL
COMPANY FOR NON-STANDARD
PRORATION UNITS, MCKINLEY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 17, 1972,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of May, 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, Tenneco Oil Company, seeks approval
of ^{SIX} ~~eight~~ non-standard oil proration units in the Lone Pine
Dakota "D" Oil Pool, McKinley County, New Mexico.

(3) That the proposed non-standard proration units can be efficiently and economically ~~drained and~~ developed by the subject wells.

(4) That approval of the subject application 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 otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard oil proration units in the Lone Pine Dakota "D" Oil Pool, McKinley County, New Mexico, are hereby established and dedicated as follows:

1. An 80-acre unit comprising the SE/4 NE/4 and the NE/4 SE/4 of Section 7, Township 17 North, Range 8 West, *its Lone Pine Dakota "D" Unit* to be dedicated to Well No. 2, *located in Unit I of said Section 7.*
2. An 80-acre unit comprising the SW/4 NE/4 and NW/4 SE/4 of Section 7, Township 17 North, Range 8 West, *Unit* to be dedicated to Well No. 3, *located in Unit J of said Section 7.*
3. A 91.66-acre unit comprising Lots 7 and 8 and SW/4 SE/4 of Section 12, Township 17 North, Range 9 West, *Unit* to be dedicated to Well No. 5, *located in Lot 7 of said Section 12.*
4. A 91.59-acre unit comprising Lots 1 and 2 and NW/4 NE/4 of Section 13, Township 17 North, Range 9 West, *Unit* to be dedicated to Well No. 12, *located in Unit B of said Section 13.*
5. A 91.56-acre unit comprising Lots 3 and 4 and SW/4 NE/4 of Section 13, Township 17 North, Range 9 West, *Unit* to be dedicated to Well No. 14, *located in Unit H of said Section 13.*

6. An 80-acre unit comprising the SW/4 NW/4 and NW/4 SW/4 of Section 17, Township 17 North, Range 8 West, to be dedicated to Well No. 17, *located in Unit L of said Section 17.*
7. An 80-acre unit comprising Lot 1 and the NE/4 NW/4 of Section 19, Township 17 North, Range 8 West, to be dedicated to Well No. 26;
8. An 80-acre unit comprising the N/2 NW/4 of Section 24, Township 17 North, Range 9 West, to be dedicated to Well No. 28.

(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 herein-
above designated.