

CASE 4724:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number

4724

Application

Transcripts

Small Exhibits

ETC.

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:

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

BEFORE: Richard L. Stamets
Examiner

TRANSCRIPT OF HEARING

1 MR. STAMETS: Case 4724.

2 MR. HATCH: Southeastern New Mexico Nomenclature
3 Case calling for an Order for the creation, extension,
4 abolishment and contraction of certain pools in Lea, Eddy,
5 Chaves and Roosevelt Counties, New Mexico.

6 J. E. KAPTEINA,

7 was called as a witness, and after being duly sworn,
8 testified as follows:

9 DIRECT EXAMINATION

10 BY MR. HATCH:

11 Q Will you state your name for the record, please?

12 A J. E. Kapteina, Petroleum Engineer for the New Mexico
13 Oil Conservation Commission.

14 Q Are you prepared to make recommendations to the
15 Commission concerning the creation, extension,
16 abolishment and contraction of certain pools in Lea,
17 Eddy, Chaves, and Roosevelt Counties, New Mexico?

18 A Yes, sir.

19 Q Are your recommendations prepared in the form of an
20 Exhibit?

21 A Yes, Exhibit 1, paragrapha (a) through (b-b).

22 Q Please refer to Exhibit Number 1 and to paragraphs
23 (a) through (b-b) and point out any difference between
24 it and the Docket distributed.

25 Are there any corrections to be made to the Docket?

1 A Yes. The Exhibit is the same as the Docket with
2 the exception of paragraph (j) where there is a
3 typographical error in paragraph (j).

4 In paragraph (j) it is shown as Section 3 and
5 it should have been Section 4. The Exhibit has been
6 changed to Section 4.

7 In paragraph (p) we have one addition, Township
8 19 South, Range 25 East, and the addition is Section 8,
9 the east half in the Boyd-Morrow Gas Pool.

10 In paragraph (u) we have an addition to the
11 Garrett-Drinkard Pool. The addition is the extension
12 of Township 16 South, Range 38 East, Section 21, the
13 southeast quarter.

14 In paragraph (z) we have two additions:

15 Township 17 south, Range 34 East, the addition
16 of Section 28, the northwest quarter and Section 34,
17 the Northwest quarter.

18 It is recommended that paragraph (a-a) be
19 dismissed inasmuch as that extension has to be
20 considered in Case 4723.

21 It is recommended that paragraphs (h) and (i)
22 be made effective August 1st rather than June 1st when
23 the remainder of the Order will be effective.

24 Q What is the reason for that?

25 A The reason for this is due to the abolishment of the

dearnley, meier & mc cormick

209 SIMMS BLDG. P.O. BOX 1092 PHONE 243-6691 ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST ALBUQUERQUE, NEW MEXICO 87108

1 Terry-Blinebry Pool and the Blinebry Oil Pool and
2 the consolidation of those two pools.

3 This is to give time for preparation for
4 changes in the Pool Rules.

5 Q Is it the Commissions' recommendation that the
6 Commission will set the Case to consider revision
7 of the Rules for the consolidated pools?

8 A That is not known at this time.

9 Q But some operator in the pool has requested a change
10 in the Pool Rules?

11 A Right.

12 Q What company?

13 A Conoco. I have a letter from Mr. L. P. Thompson
14 of the Continental Oil Company requesting that this
15 be made effective at this time.

16 Q And do you recommend that the pools in paragraphs
17 (a) through (b-b) be created, extended, abolished and
18 contracted, as shown on the Docket?

19 A As shown on the Exhibit, rather than the Docket.

20 Q On the Docket as it has been corrected here today?

21 A Yes.

22 Q With the exception of paragraph (a-a) which you
23 recommend be dismissed?

24 A That is correct.

25 Q Was Exhibit 1 prepared by you?

1 A It was prepared by the Hobbs Office.

2 MR. HATCH: I move for the introduction of
3 Exhibit 1.

4 MR. STAMETS: Without objection, Exhibit 1 will
5 be admitted in evidence.

6 (Whereupon Commission's Exhibit Number 1 was
7 admitted in evidence.)

8 MR. STAMETS: Any questions of this witness?
9 (No response.)

10 MR. STAMETS: Any other appearances in this
11 Case?

12 (No response.)

13 (Witness excused.)

14 MR. STAMETS: The Examiner will take the Case
15 under advisement.

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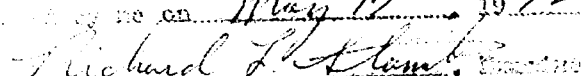
dearnley, meier & mc cormick

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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 
12 CERTIFIED SHORTHAND REPORTER

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22 I do hereby certify that the foregoing is
23 a true and correct record of the proceedings in
24 the public hearing of Case No. 4724
25 held by me on May 17, 1972.

New Mexico Oil Conservation Commission

I N D E X

WITNESS:

PAGE

J. E. KAPTEINA

Direct Examination by Mr. Hatch

3

E X H I B I T S

COMMISSION'S

OFFERED

ADMITTED

Exhibit Number 1

3

6

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. 4724
Order No. R-4304

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CONTRACTING,
AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS
IN CHAVES, EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on May 17, 1972, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 24th 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 there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of South Empire-Morrow Gas Pool. Said South Empire-Morrow Gas Pool was discovered by the Midwest Oil Corporation South Empire Deep Unit Well No. 1, located in Unit F of Section 6, Township 18 South, Range 29 East, NMPM. It was completed in the Morrow formation on November 29, 1971. The top of the perforations is at 10,716 feet.

(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of Humble City-Strawn Pool. Said Humble City-Strawn Pool was discovered by the Harding Oil & Gas Company Shipp Well No. 1, located in Unit K of Section 11, Township 17 South, Range 37 East, NMPM. It was completed in the Strawn formation on March 10, 1972. The top of the perforations is at 11,429 feet.

(4) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the Abo formation, said pool to bear the designation of Many Gates-Abo Pool. Said Many Gates-Abo Pool was discovered by the Jack Phillips Isler Federal Well No. 1, located in Unit A of Section 31, Township 9 South, Range 30 East, NMPM. It was completed in the Abo formation on February 20, 1972. The top of the perforations is at 7,248 feet.

(5) That there is need for the creation of a new gas pool in Roosevelt County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Peterson-Pennsylvanian Gas Pool. Said Peterson-Pennsylvanian Gas Pool was discovered by the Amoco Production Company Peterson "A" Gas Com Well No. 1, located in Unit B of Section 19, Township 5 South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on August 23, 1971. The top of the perforations is at 7,632 feet.

(6) That there is need for the consolidation of the Loco Hills-Queen Pool, the Sand Tank-Queen Pool, and the Loco Hills Grayburg-San Andres Pool, all in Eddy County, New Mexico, to allow marginal pools to be produced in a more economical manner. Said consolidation to be accomplished by abolishing the Loco Hills-Queen Pool and the Sand Tank-Queen Pool and extending the vertical limits of the Loco Hills Grayburg-San Andres Pool to include the Queen formation. The consolidated Pool to be designated as the Loco Hills Queen-Grayburg-San Andres Pool.

(7) That there is need for the consolidation of the Terry-Blinebry Pool and the Blinebry Oil Pool inasmuch as both pools produce from a common source of supply. Said consolidation to be accomplished by abolishing the Terry-Blinebry Pool and extending the Blinebry Oil Pool.

(8) That there is need for the contraction of the Bagley-Lower Pennsylvanian Gas Pool in Lea County, New Mexico, by the deletion of certain acreage in order to delete non-productive acreage which overlaps with the Vada-Pennsylvanian Pool.

(9) That there is need for the contraction of the Bagley-Upper Pennsylvanian Gas Pool in Lea County, New Mexico, by the deletion of certain acreage in order to delete non-productive acreage which overlaps with the Vada-Pennsylvanian Pool.

(10) That there is need for the contraction of the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order to delete non-productive acreage which overlaps with the Vada-Pennsylvanian Pool.

(11) That there is need for certain extensions to the Double L-Queen Associated Pool and the Round Tank-Queen Pool, both in Chaves County, New Mexico, the Atoka-Pennsylvanian Gas

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Pool, and the Boyd-Morrow Gas Pool, all in Eddy County, New Mexico, the Allison-Abo Pool, the North Bagley-Pennsylvanian Pool, the Chambers-Wolfcamp Pool, the Dollarhide-Devonian Pool, the Dollarhide-Ellenburger Pool, the Garrett-Drinkard Pool, the Jennings-Delaware Pool, the West Sawyer-San Andres Pool, the Townsend-Morrow Gas Pool, the North Vacuum-Abo Pool, and the Osudo-Devonian Gas Pool, all in Lea County, New Mexico. Further, that the proposed extension to the Washington Ranch-Morrow Gas Pool should be dismissed inasmuch as it is to be considered in Case No. 4723.

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the South Empire-Morrow Gas Pool, consisting of the following described area:

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

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production, is hereby created and designated as the Humble City-Strawn Pool, consisting of the following described area:

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

(c) That a new pool in Chaves County, New Mexico, classified as an oil pool for Abo production, is hereby created and designated as the Many Gates-Abo Pool, consisting of the following described area:

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

(d) That a new pool in Roosevelt County, New Mexico, classified as a gas pool for Pennsylvanian production, is hereby created and designated as the Peterson-Pennsylvanian Gas Pool, consisting of the following described area:

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

(e) That the Loco Hills-Queen Pool in Eddy County, New Mexico, consisting of the following described area:

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

is hereby abolished.

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(f) That the Sand Tank-Queen Pool in Eddy County, New Mexico, consisting of the following described area:

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

is hereby abolished.

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

(h) That the Terry-Blinebry Pool in Lea County, New Mexico, consisting of the following described area:

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

is hereby abolished.

(i) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended 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
Section 36: W/2

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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
Section 30: NW/4

(j) That the Bagley-Lower Pennsylvanian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted 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 4: NE/4

(k) That the Bagley-Upper Pennsylvanian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted 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

(l) That the Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted 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

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(m) That the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended 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) That the Allison-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(o) That the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(p) That the Boyd-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
Section 8: E/2
Section 9: All

(q) That the Chambers-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(r) That the Dollarhide-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(s) That the Dollarhide-Ellenburger Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

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(t) That the Double L-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(u) That the Garrett-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 38 EAST, NMPM
Section 21: SE/4
Section 28: NE/4

(v) That the Jennings-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(w) That the Round Tank-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(x) That the West Sawyer-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(y) That the Townsend-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended 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) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 21: SE/4
Section 22: SW/4
Section 28: NW/4
Section 34: NW/4

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

(aa) That the proposed extension to 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

is hereby dismissed.

(bb) That the Osudo-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

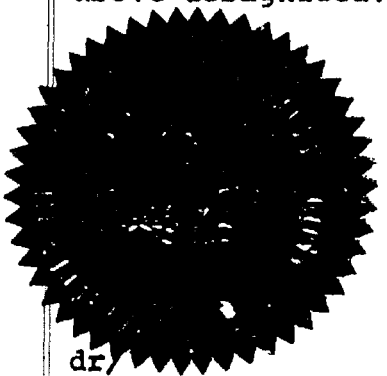
IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, abolishments, contractions, and extensions of vertical and horizontal limits included herein shall be June 1, 1972, with the exception of paragraphs (h) and (i) which shall be effective August 1, 1972.

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. Armitage
ALEX J. ARMITAGE, Member

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

dr/

County, _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Form 104—(Four on Township)

6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36
6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36

Handwritten notes:
Section 13
Section 14
Section 15
Section 16
Section 17
Section 18
Section 19
Section 20
Section 21
Section 22
Section 23
Section 24
Section 25
Section 26
Section 27
Section 28
Section 29
Section 30
Section 31
Section 32
Section 33
Section 34
Section 35
Section 36

County, _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Form 104--(Four on Township)

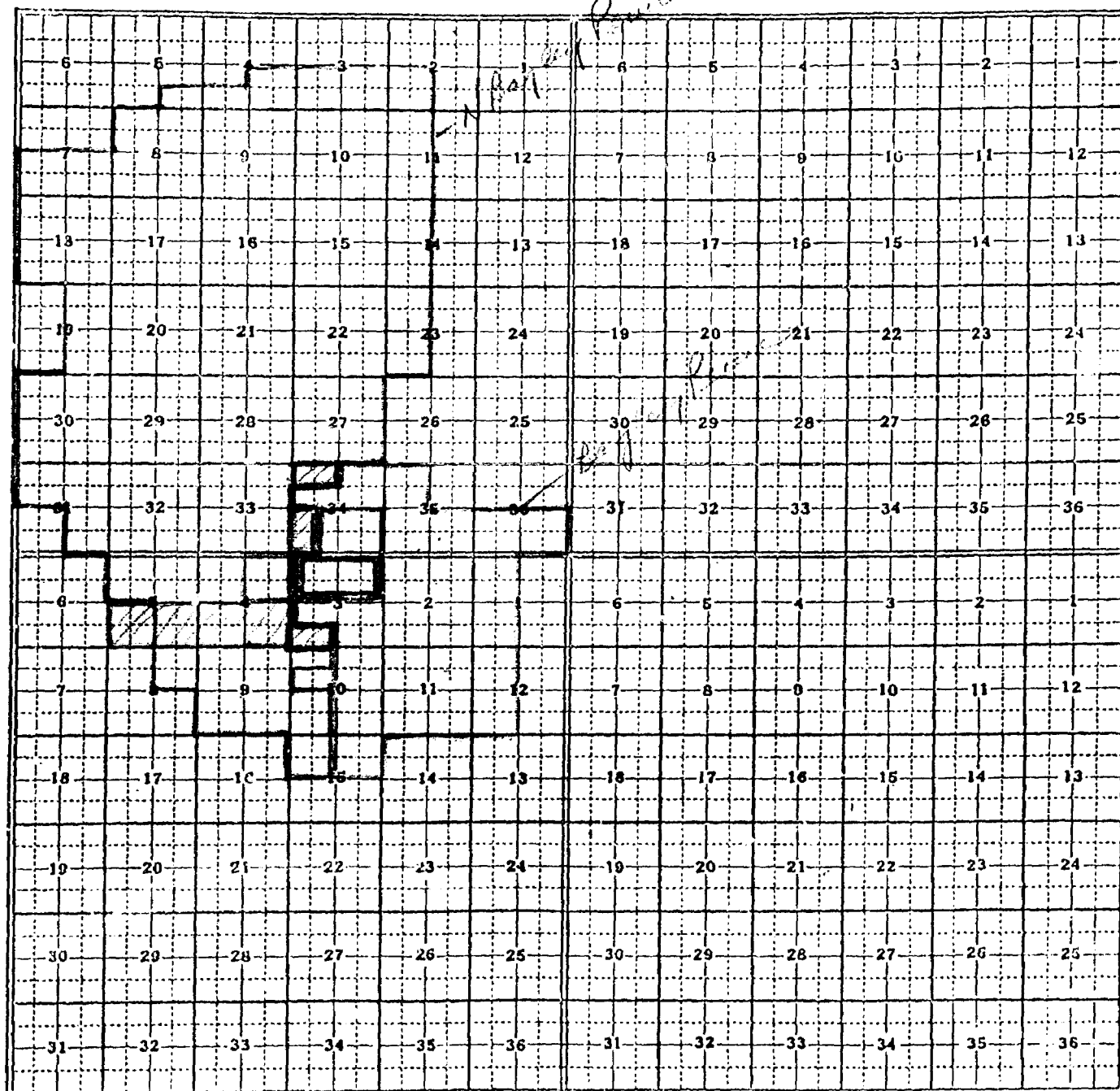
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Township _____ Range _____ Township _____ Range _____
 Township _____ Range _____ Township _____ Range _____

Form 104—(Four on Toward)



North Bagley Penn
Bagley Upper Penn Gas - 4250 to - 4510
Bagley Penn - 4500 to - 5200
Bagley Lower Penn Gas - 5400 to - 5620

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 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.
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Case No. 4724 continued - (1)

TOWNSHIP 11 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: W/2 and SE/4
SECTION 34: W/2 and SE/4

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

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

- (l) 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: W/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 Huerfeno-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

CASE 4724 (a) CREATION OF A NEW GAS POOL

COUNTY	EDDY	POOL	SOUTH EMPIRE-MORROW GAS			
TOWNSHIP	18S	RANGE	29E	NMPM		
	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Discovery well: Midwest Oil Corp. South Empire Deep Unit #1
located in Unit F-Sec. 6-18S-R29E Completed 11-29-71 through
Morrow perforations from 10716-784.

Proposed pool boundry outlined in green.

Sec. 6: N/2

CASE 4724: (b) CREATION OF A NEW OIL POOL

COUNTY LEA POOL HUMBLE CITY-STRAWN

TOWNSHIP 17 South RANGE 37 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

HARDING OIL & GAS COMPANY - Shipp #1 in Unit K of Section 11-17-37. Completed in Strawn on March 10, 1972. Top of Perforations 11,429'.

Proposed pool boundary colored in red. SECTION 11: SW/4

CASE 4724: (c) CREATION OF A NEW OIL POOL
COUNTY CHAVES POOL MANY GATES-ABO

TOWNSHIP 9 South			RANGE 30 East			NMPM		
6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
19	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

PURPOSE: One completed oil well capable of producing.
JACK PHILLIPS - Isler Federal #1 in Unit A of Section 31-9-30. Completed
in Abo on February 20, 1972. Top of Perforations 7248'.
Proposed pool boundary colored in red. SECTION 31: NE/4

CASE 4724: (d) CREATION OF A NEW GAS POOL

COUNTY ROOSEVELT

POOL PETERSON-PENNSYLVANIAN GAS

TOWNSHIP		S South		RANGE		33 East		NMPM	
6		5		4		3		2	1
7		8		9		10		11	12
18		17		16		15		14	13
19		20		21		22		23	24
30		29		28		27		26	25
31		32		33		34		35	36

PURPOSE: Two completed gas wells capable of producing.

AMOCO PRODUCTION COMPANY - Peterson "A" Gas Com #1 in Unit B of Section 19-5-33. Completed in Pennsylvanian on August 23, 1971. Top of Perforations 7632'.

AMOCO PRODUCTION COMPANY - Swearingen "A" Gas Com #1 in Unit J of Section 19-5-33. Completed in Cisco on February 22, 1972. Top of Perforations 7705'.

Proposed pool boundary colored in red. SECTION 19: All

CASE 4724: (e) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY	EDDY	POOL	LOCO	HILLS	QUEEN
TOWNSHIP	17S	RANGE	30E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: to abolish the Loco Hills Queen pool and extend the vertical limits of the Loco Hills Gb. San Andres pool to include the Queen formation.

Proposed abolishment outlined in blue

Sec. 29: SW/4

Sec. 31: SE/4 NE/4 & NE/4 SE/4

Sec. 32: NW/4

CASE 4724: (f) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY	EDDY	POOL	SAND TANK-QUEEN		
TOWNSHIP	18	RANGE	30	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: to abolish the Sand Tank Queen Pool

Proposed abolishment outlined in blue

Sec. 7: NE/4 SE/4

CASE 4724: (g) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued on next page)

COUNTY EDDY POOL LOCO HILLS GB. S.A. change to
LOCO HILLS Q-GB. SA

TOWNSHIP 17S		RANGE 29E		NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: To extend the vertical limits of the Loco Hills Gb. SA Pool to include the Queen formation and to take in wells formerly in the Loco Hills Queen and the Sand Tank Queen Pools.

Pool boundry outlined in red.

CASE 4724: (g) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued on next page)

LOCO HILLS GB. SA change to

COUNTY EDDY

POOL LOCO HILLS QUEEN-GB-SA

TOWNSHIP 17S

RANGE 30E

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: As stated on Page one of this exhibit.

Pool boundry outlined in red.

CASE 4724: (g) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued on next page)
LOCO HILLS GB. SA changed to

COUNTY	EDDY	POOL	LOCO HILLS	QUEEN-GB-SA	
TOWNSHIP	18S	RANGE	29E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: As stated on Page one of this exhibit

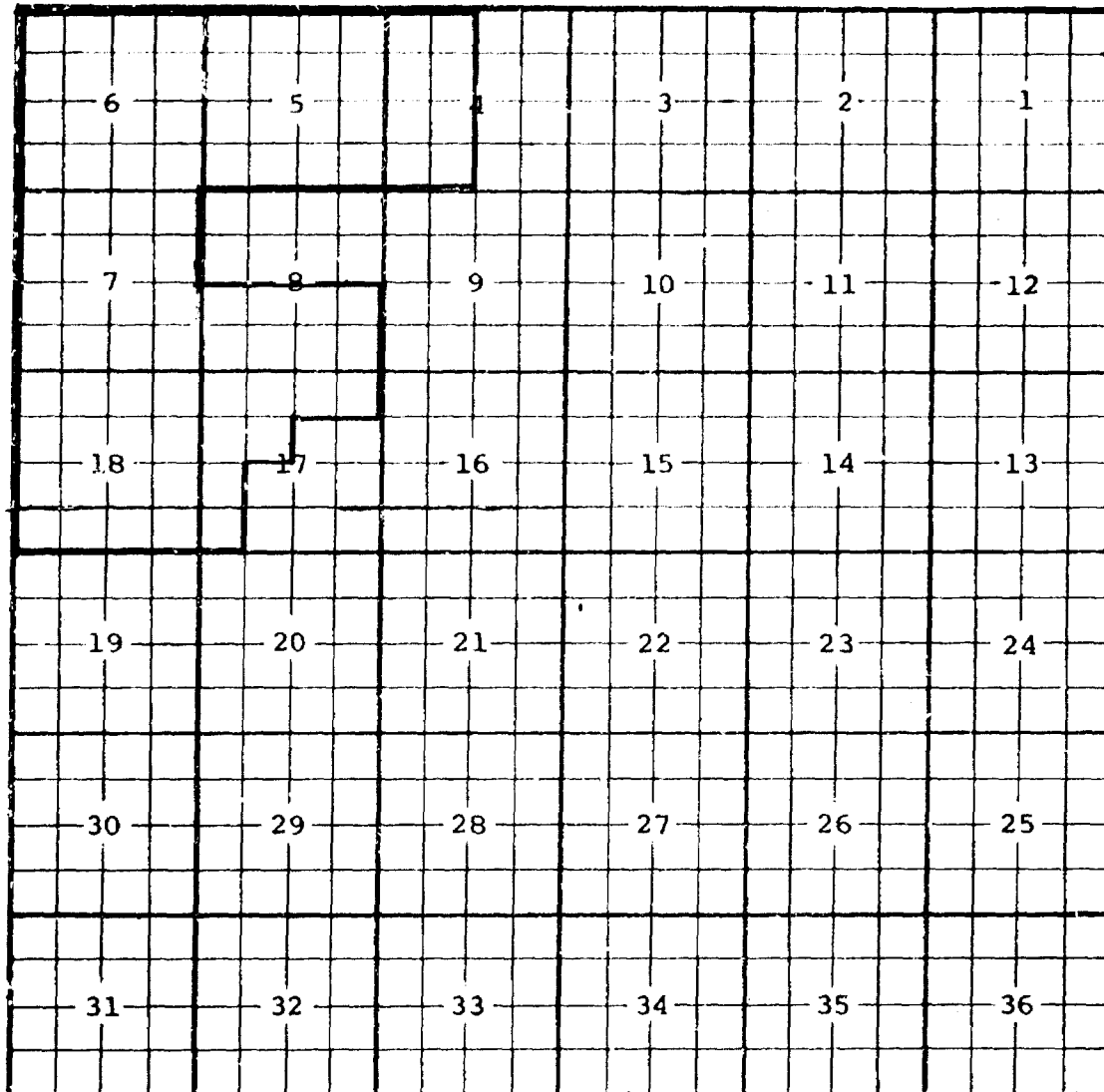
Pool boundry outlined in red.

CASE 4724: (g) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued)

LOCO HILLS GB. 3A change to

COUNTY EDDY POOL LOCO HILLS QUEEN-GB.-SA

TOWNSHIP 18S RANGE 30E NMPM

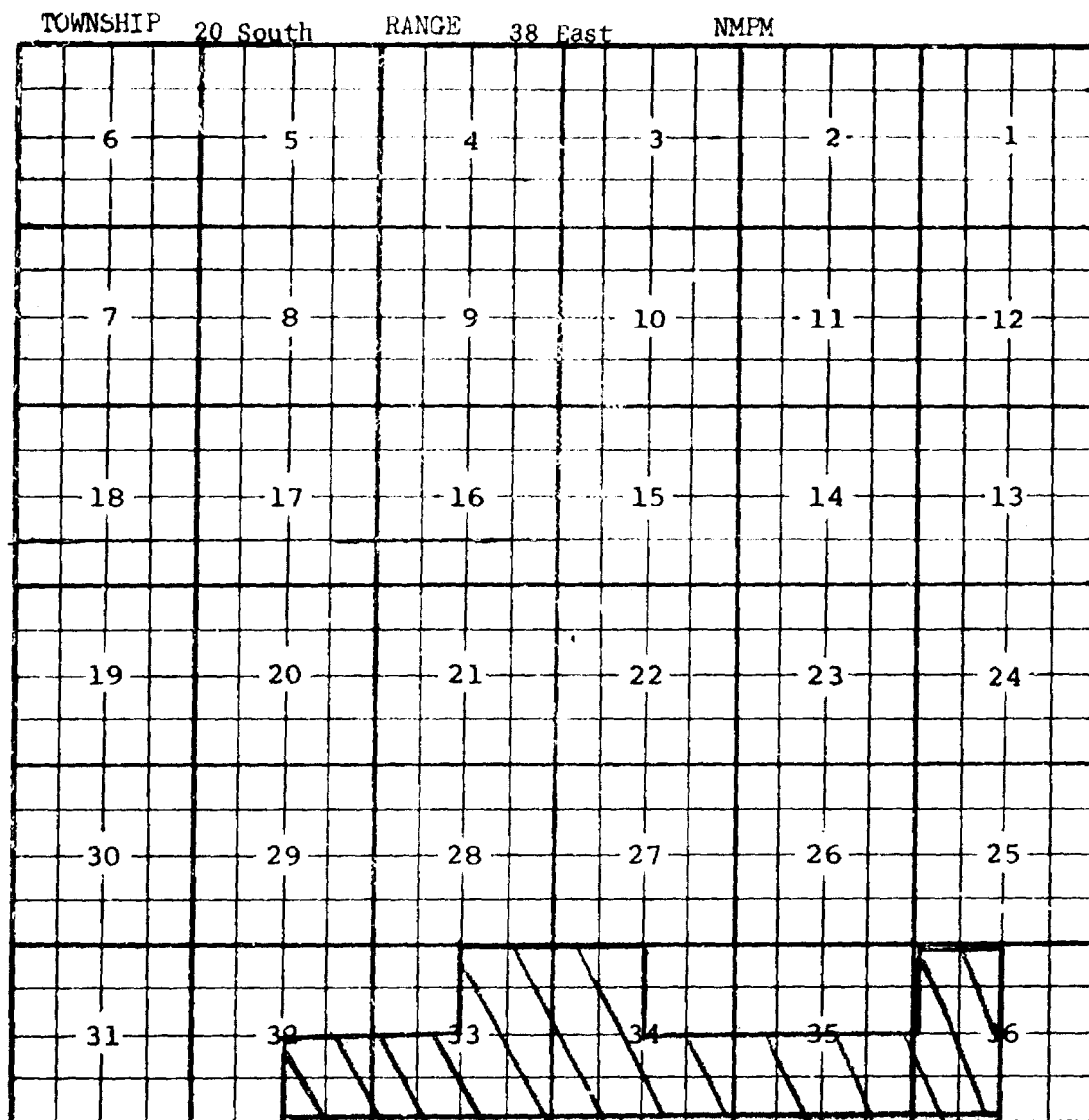


Purpose: As stated on Page one of this exhibit.

Pool boundry outlined in red.

CASE 4724: (h) ABOLISHMENT OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL TERRY-BLINEBRY



PURPOSE: Abolish the Terry-Blinebry Pool in order that abolished acreage may be included in the Blinebry Oil Pool.

Proposed pool abolishment colored in blue. SECTION 32: SE/4

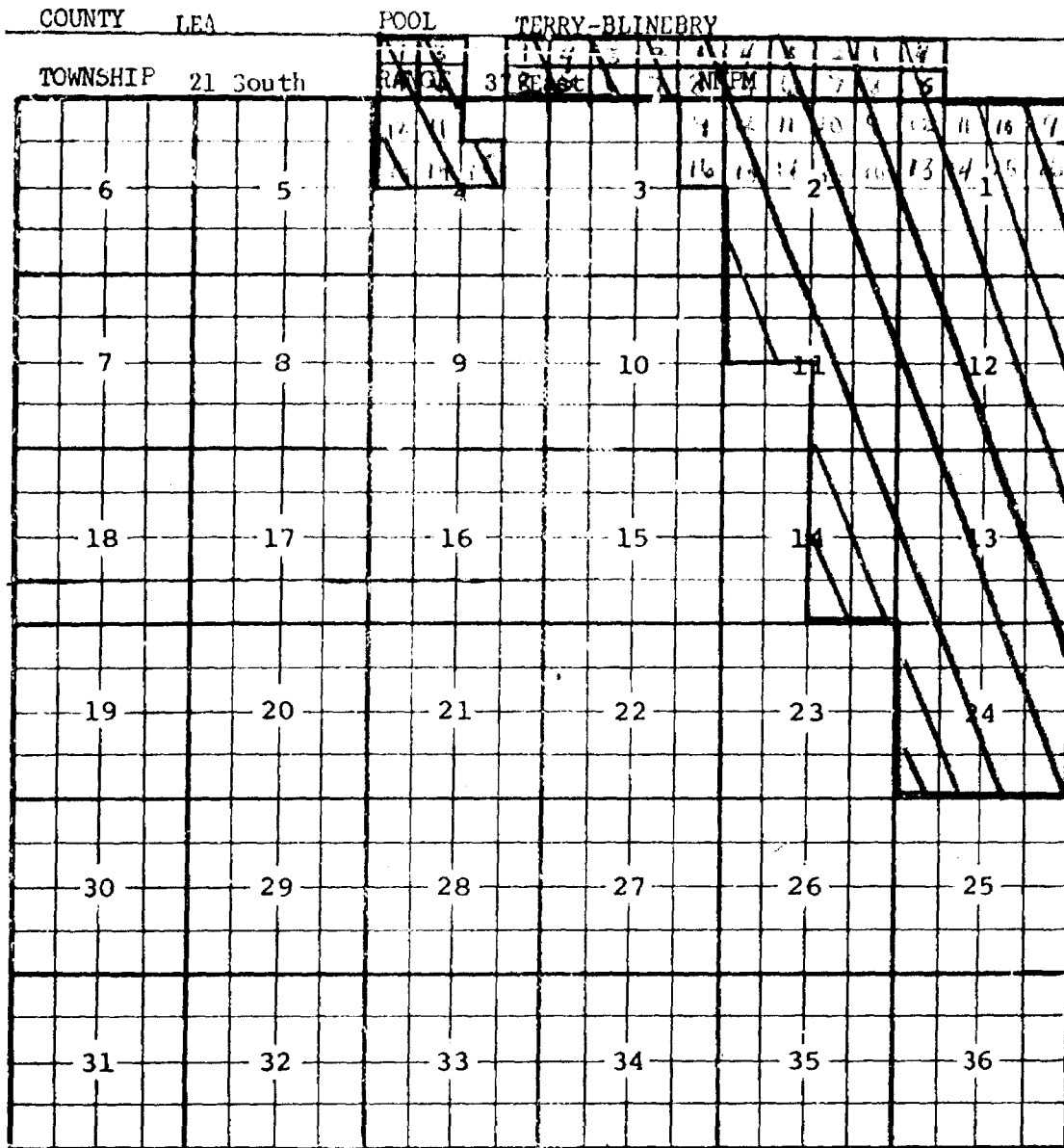
SECTION 33: S/2 and NE/4

SECTION 34: S/2 and NW/4

SECTION 35: S/2

SECTION 36: W/2

CASE 4724: (h) ABOLISHMENT OF AN EXISTING OIL POOL (Continued)



PURPOSE: As stated on preceding page, paragraph (h), Exhibit I.

Proposed pool abolishment colored in blue. 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

CASE 4724: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA

POOL BLINEBRY OIL

TOWNSHIP

20 South

RANGE

38 East

NMIM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: To take in abolished acreage from Terry-Blinebry Pool and one
completed oil well capable of producing.

Pool boundary colored in red.

Proposed pool extensions colored in green. 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

CASE 4724: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL BLINEBRY OIL

TOWNSHIP 21 South RANGE 36 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

GULF OIL CORPORATION - W. A. Ramsay (NCT-B) #3 in Unit A of Section 25-21-36. Completed in Blinebry on March 10, 1972. Top of Perforations 5492'.

ADDITION--GULF OIL CORPORATION - Harry Leonard (NCT-C) #10 in Unit N of Section 36-21-36. Completed in Blinebry on April 23, 1972. Top of Perforations 5509'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: NE/4

ADDITION-----SECTION 36: W/2

[illegible]

Proposed pool extensions colored in green. 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
SECTION 30: NW/4

CASE 4724: (j) DELETION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY LEA POOL BAGLEY-LOWER PENNSYLVANIAN GAS

TOWNSHIP 11 South RANGE 33 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: To delete non-productive acreage from this pool which overlaps with the Vada-Pennsylvanian Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 33: SE/4

SECTION 34: W/2 SW/4

CASE 4724: (j) DELETION OF AN EXISTING GAS POOL (Continued)

COUNTY LEA POOL BAGLEY-LOWER PENNSYLVANIAN GAS

TOWNSHIP		12 South	RANGE		33 East	NMPM	
6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

PURPOSE: As stated on preceding page, paragraph (j), Exhibit I.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 4: NE/4

(CORRECTION--NE/4 of Section 3 was listed on advertisement)

CASE 4724: (k) DELETION OF AN EXISTING GAS POOL (Continued on next page)

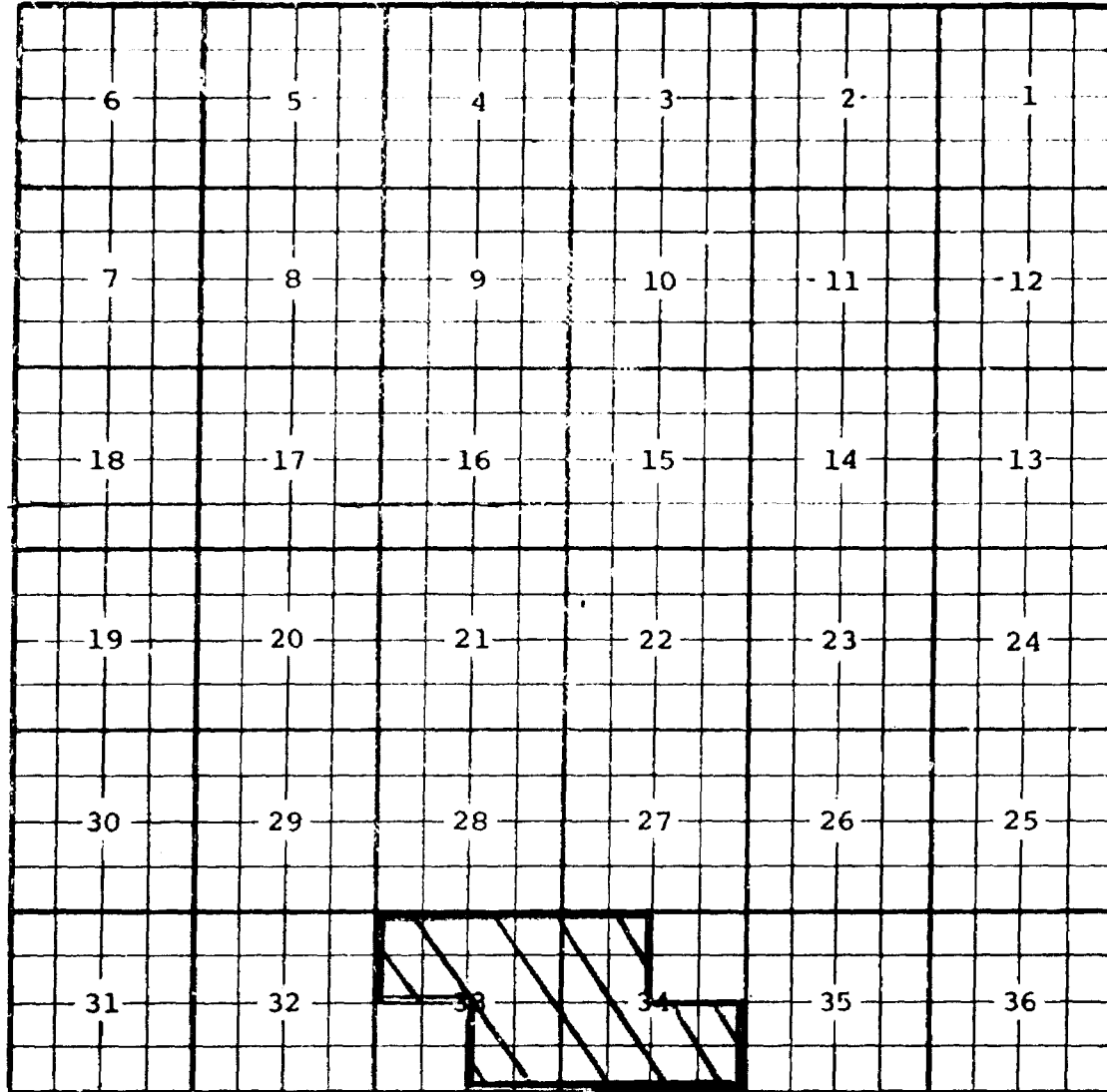
COUNTY LEA

POOL BAGLEY-UPPER PENNSYLVANIAN GAS

TOWNSHIP 11 South

RANGE 33 East

NMPM



PURPOSE: To delete non-productive acreage from this pool which overlaps with the Vada-Pennsylvanian Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue, SECTION 33: N/2 and SE/4

SECTION 34: W/2 and SE/4

CASE 4724: (k) DELETION OF AN EXISTING GAS POOL (Continued)

COUNTY LEA

POOL BAGLEY-UPPER PENNSYLVANIAN GAS

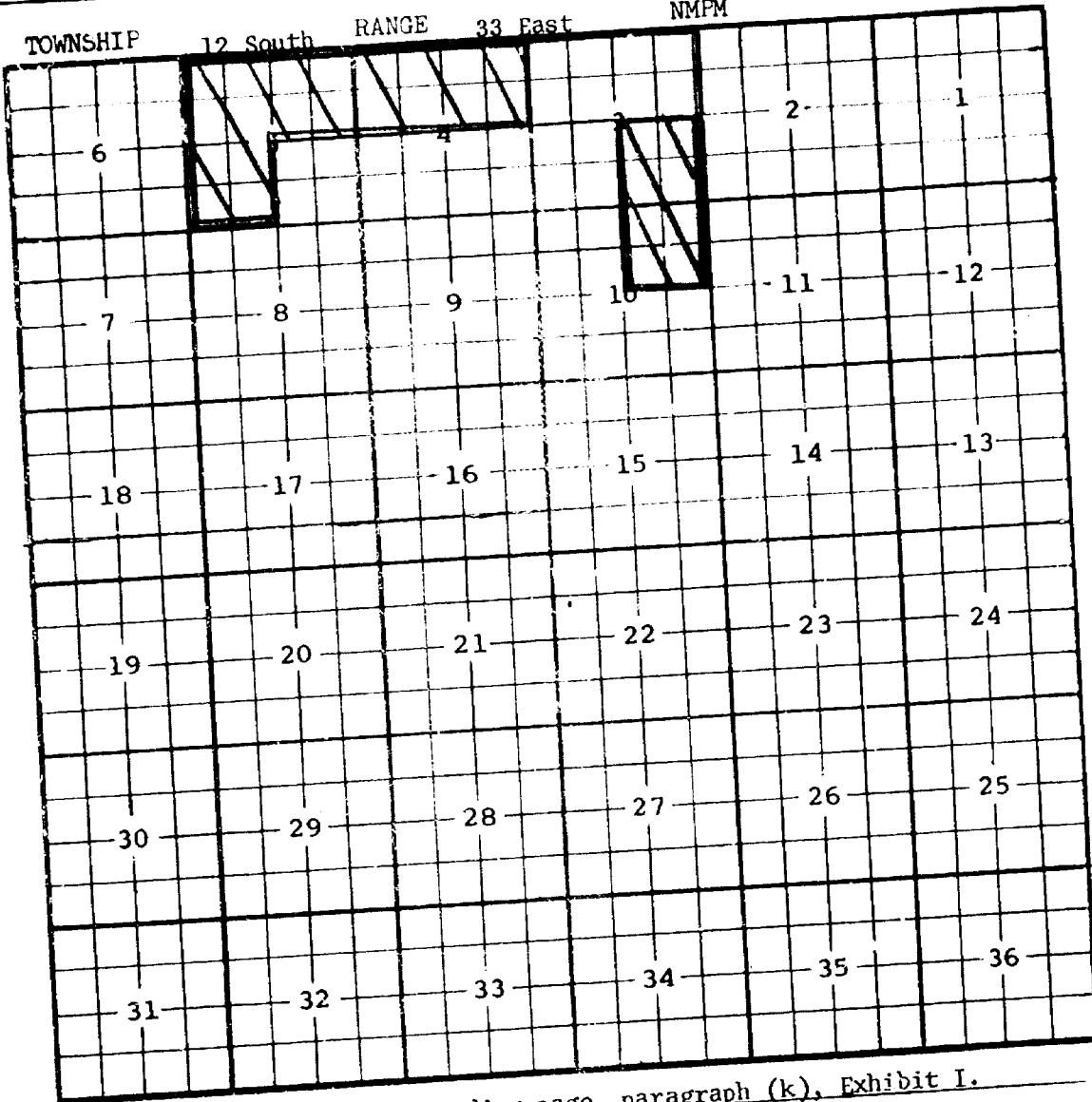
TOWNSHIP

12 South

RANGE

33 East

NMFM



PURPOSE: As stated on preceding page, paragraph (k), Exhibit I.

PURPOSE: AS SHOWN

Pool boundary colored in red.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 3: SE/4

SECTION 4: N/2

~~SECTION 4: N/2~~

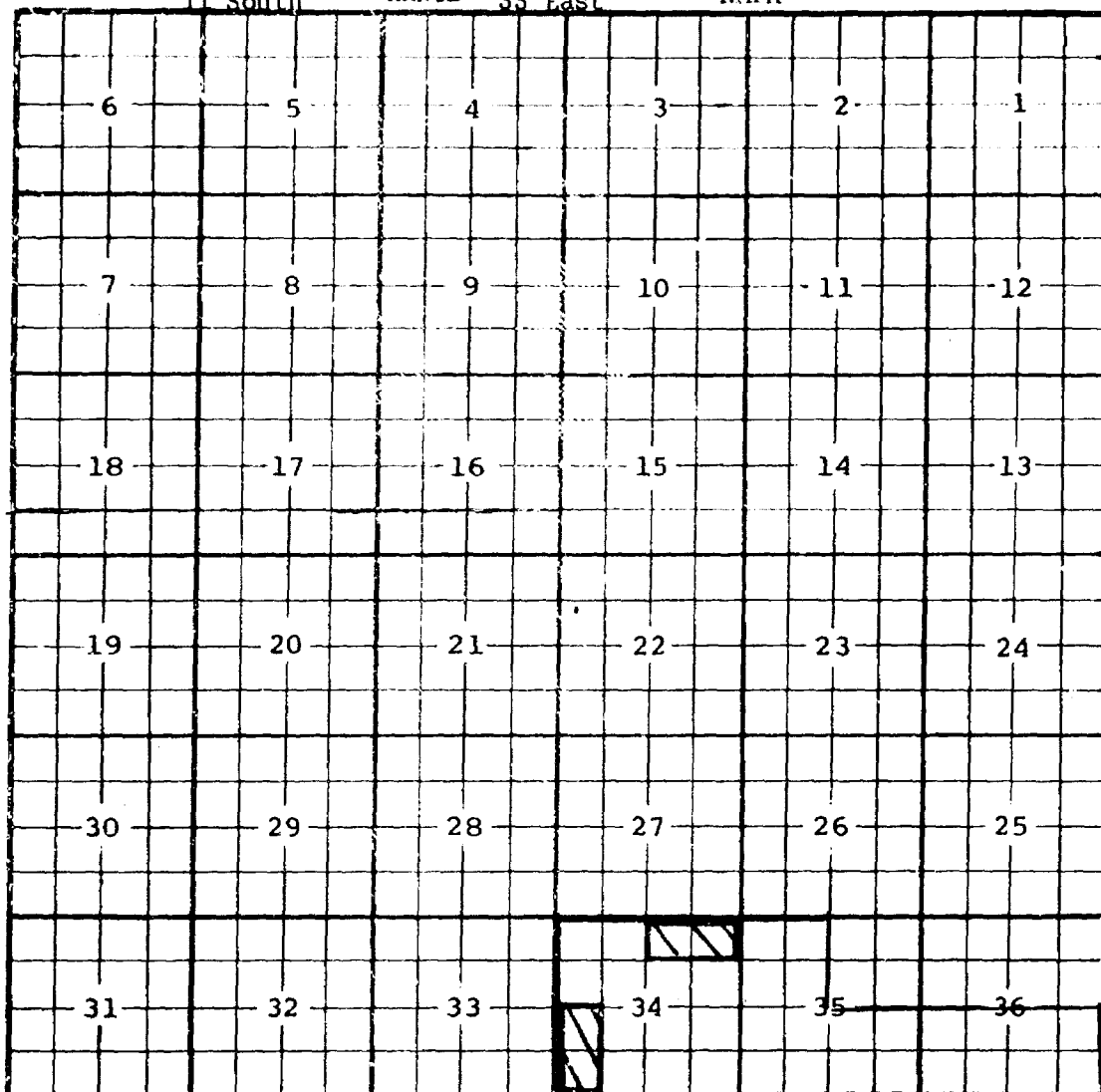
SECTION 5: N/2 and SW/4

SECTION 10: NE/4

CASE 4724: (1) DELETION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL BAGLEY-PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMFM

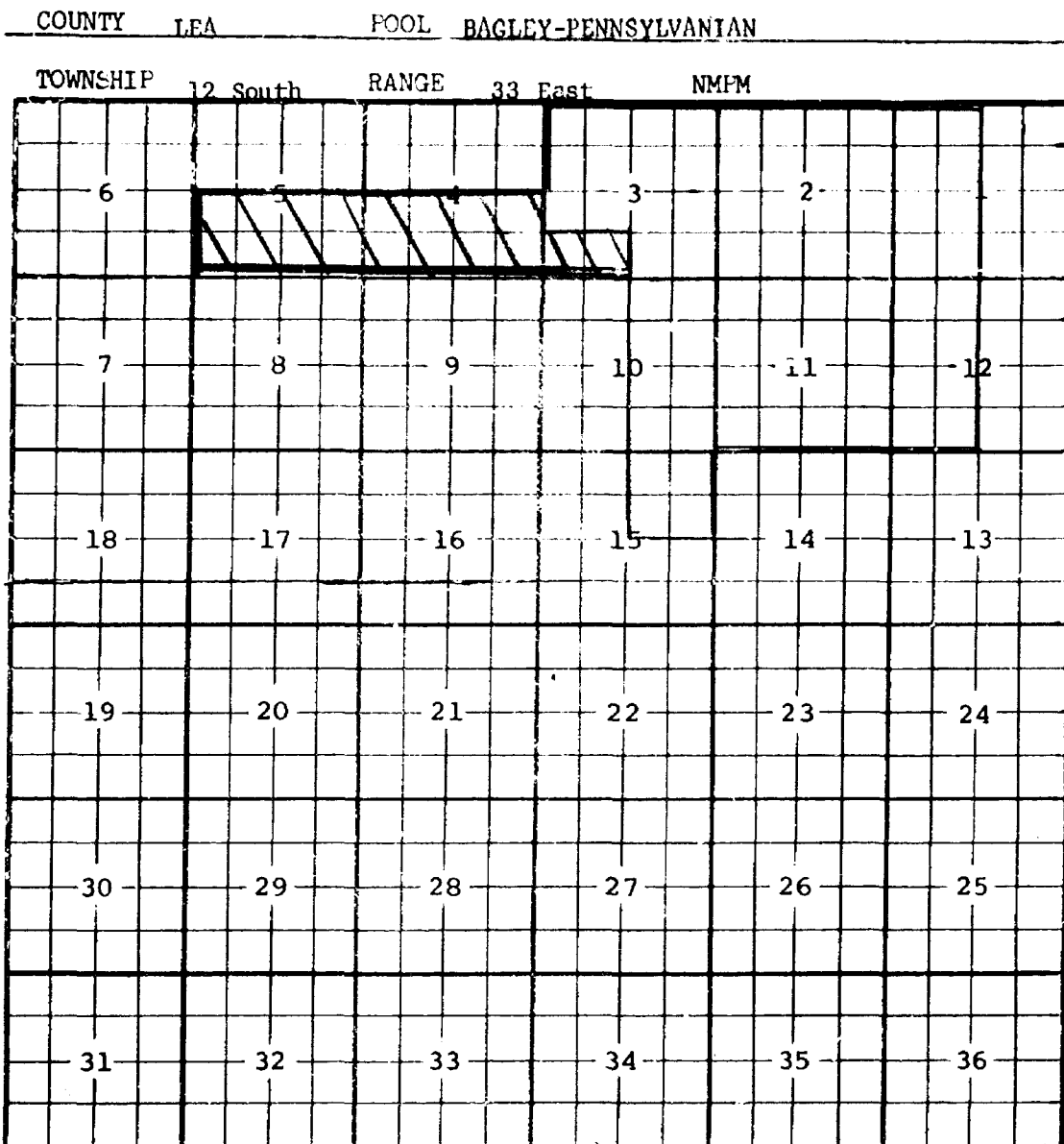


PURPOSE: To delete non-productive acreage which overlaps with the Vada-Pennsylvanian Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 34: N/2 NE/4 and W/2 SW/4

CASE 4724: (1) DELETION OF AN EXISTING OIL POOL (Continued)



PURPOSE: As stated on preceding page, paragraph (1), Exhibit I.

Pool boundary colored in red.

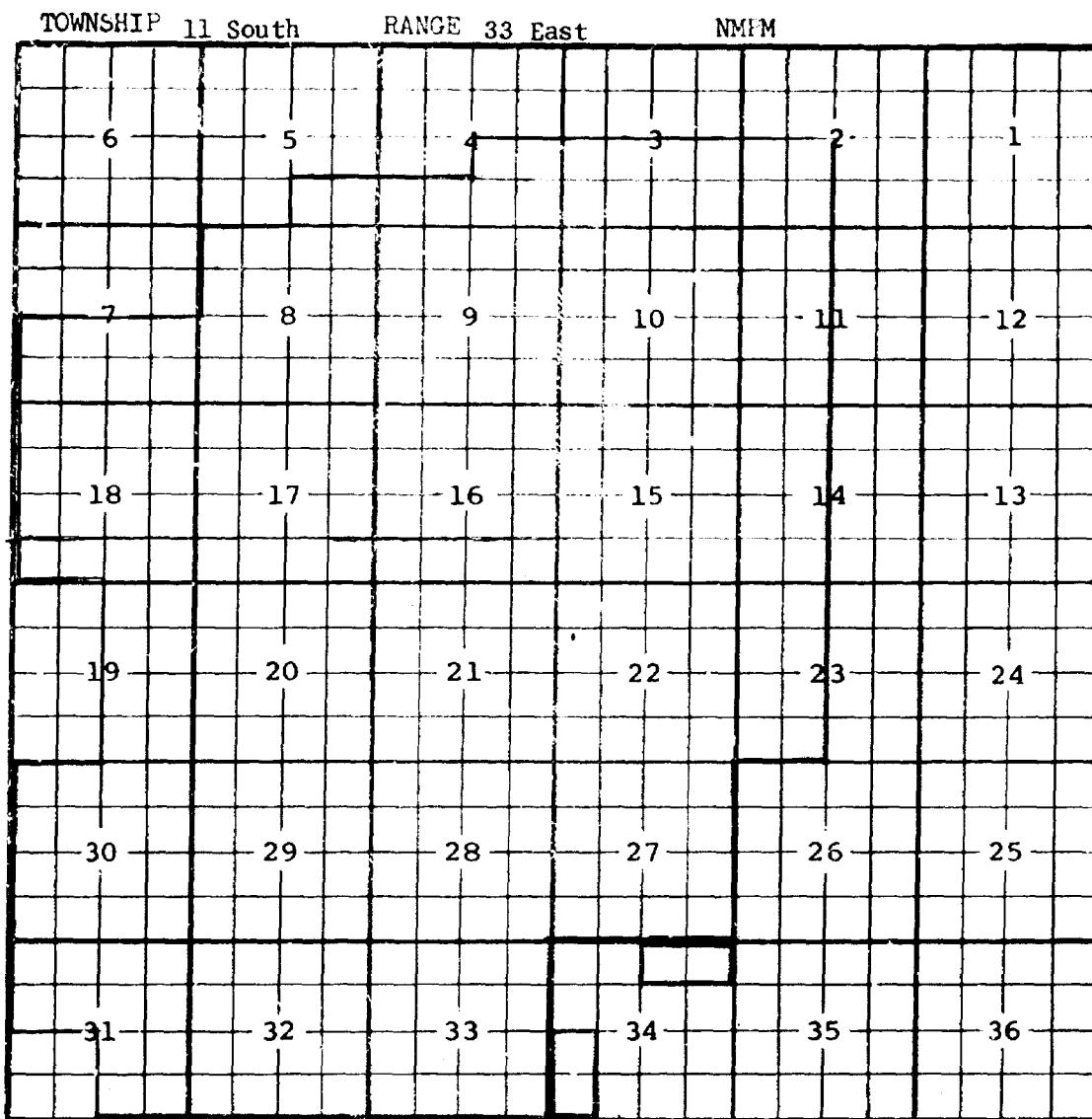
Proposed pool deletion colored in blue. SECTION 3: S/2 SW/4

SECTION 4: S/2

SECTION 5: S/2

CASE 4724: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN



PURPOSE: To take in some abolished acreage from the Bagley-Lower
Pennsylvanian Gas Pool, the Bagley-Upper Pennsylvanian Gas Pool,
and the Bagley-Pennsylvanian Pool.

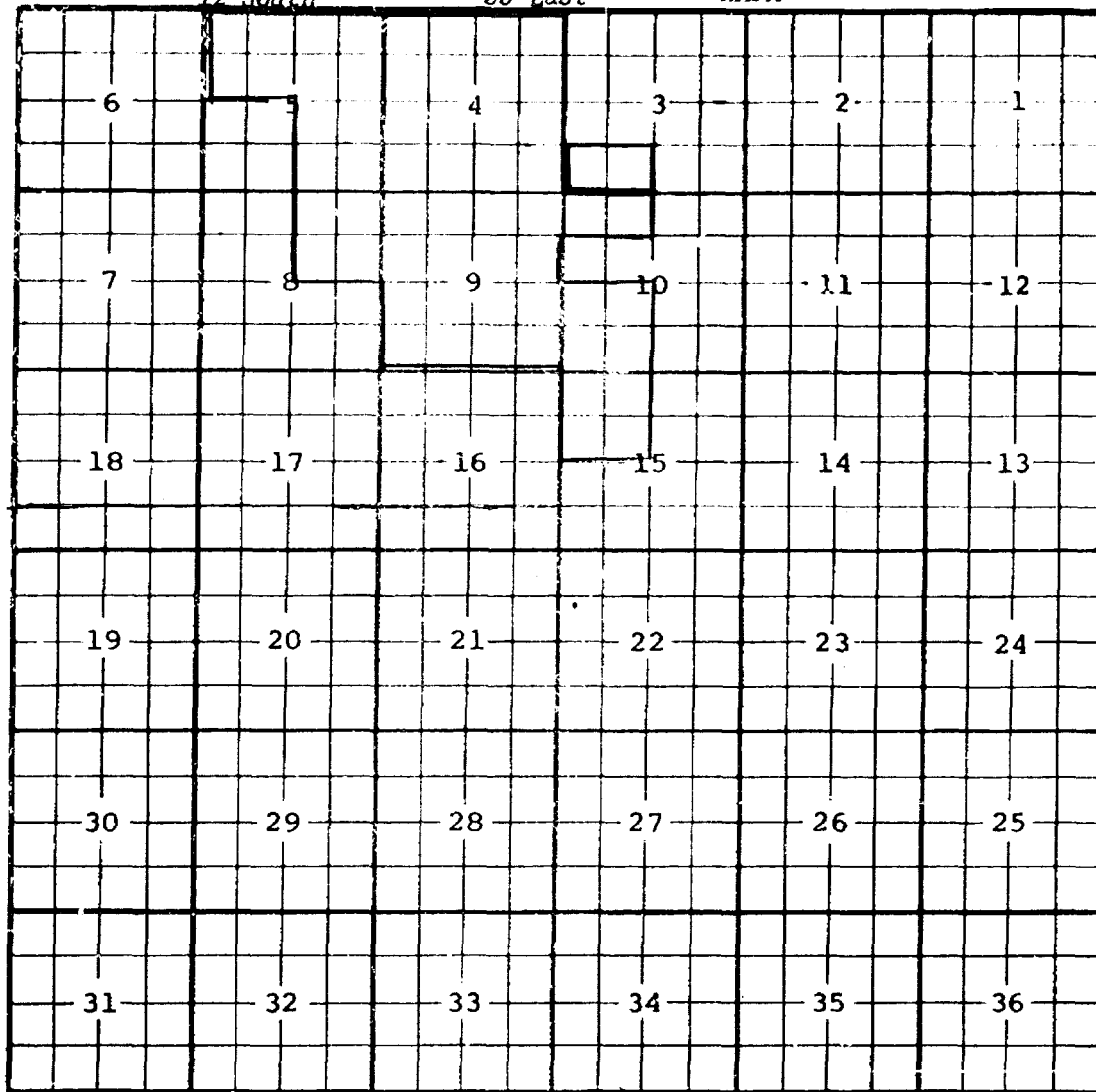
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 34: N/2 NE/4 and W/2 SW/4

CASE 4724: (m) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN

TOWNSHIP 12 South RANGE 33 East NMFM



PURPOSE: As stated on preceding page, paragraph (m), Exhibit I.

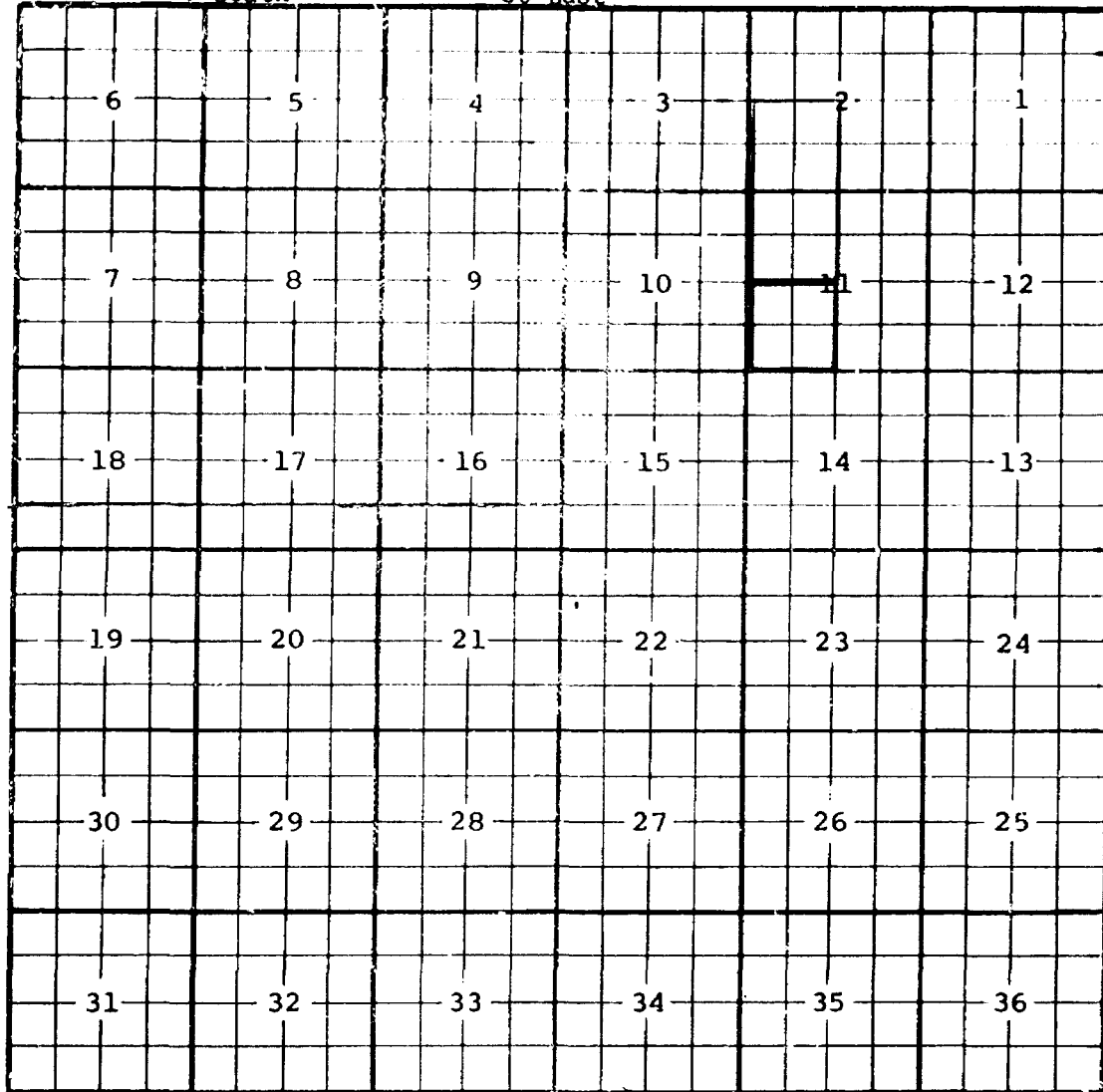
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 3: S/2 SW/4

CASE 4724: (n) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL ALLISON-ABO

TOWNSHIP 9 South RANGE 36 East NMFM



PURPOSE: One completed oil well capable of producing.

SUN OIL COMPANY - R. G. Mills #1 in Unit L of Section 11-9-36. Completed in Abo on March 3, 1972. Top of Perforations 8992'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: SW/4

CASE 4724: (o) EXTENSION OF AN EXISTING GAS POOL

COUNTY	EDDY	POOL	ATOKA-PENN	GAS	
TOWNSHIP	18S	RANGE	26E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

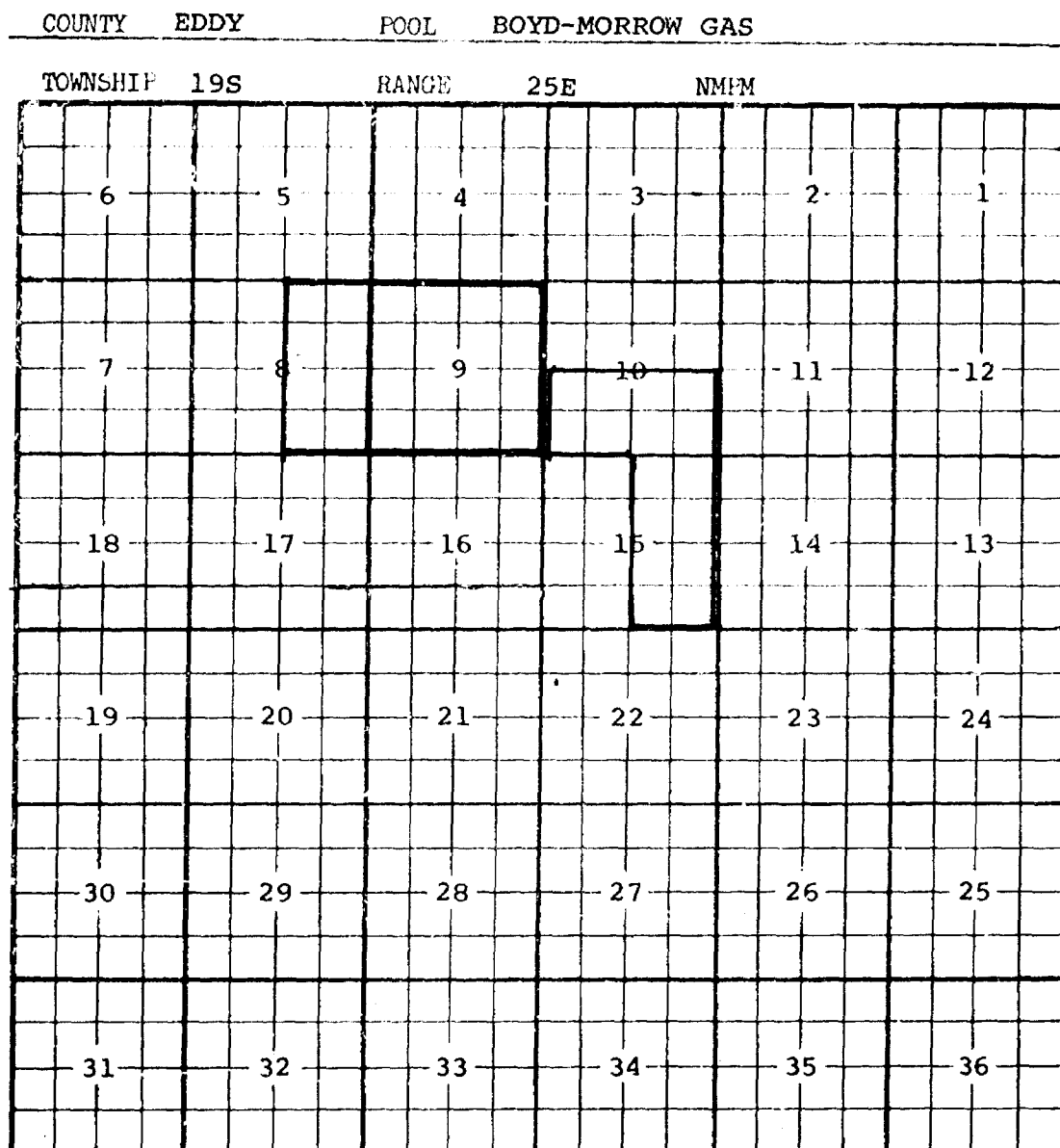
Operator	Lease	# & Ut. S-T-R	Comp.	Form.	TOP
Mobil Oil Corp.	Brainard Gas Com.	1 - P	11-18-26 3-23-63	Morrow	9046

Pool boundry outlined in red.

Proposed extension outlined in green.

Sec. 11: all

CASE 4724: (p) EXTENSION OF AN EXISTING GAS POOL



Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut.	S-T-R	Comp.	Form.	TOP
David Fasken	Arco "9" Morrison	1 - B	9-19-25	3-8-72	Morrow	8970
(Addition) Yates Petr. Corp.	Johnston BE	1 - A	8-19-25	4-27-72	Morrow	8975

Pool boundry outlined in red.

Proposed extension outlined in green.

Addition	Sec. 8: E/2
	Sec. 9: all

CASE 4724: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL CHAMBERS-WOLFECAMP

TOWNSHIP 15 South RANGE 35 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

BTA OIL PRODUCERS - Mathis 7114 JV-D #1 in Unit L of Section 35-15-35.

Completed in Wolfcamp on February 10, 1972. Top of Perforations 10,558'.

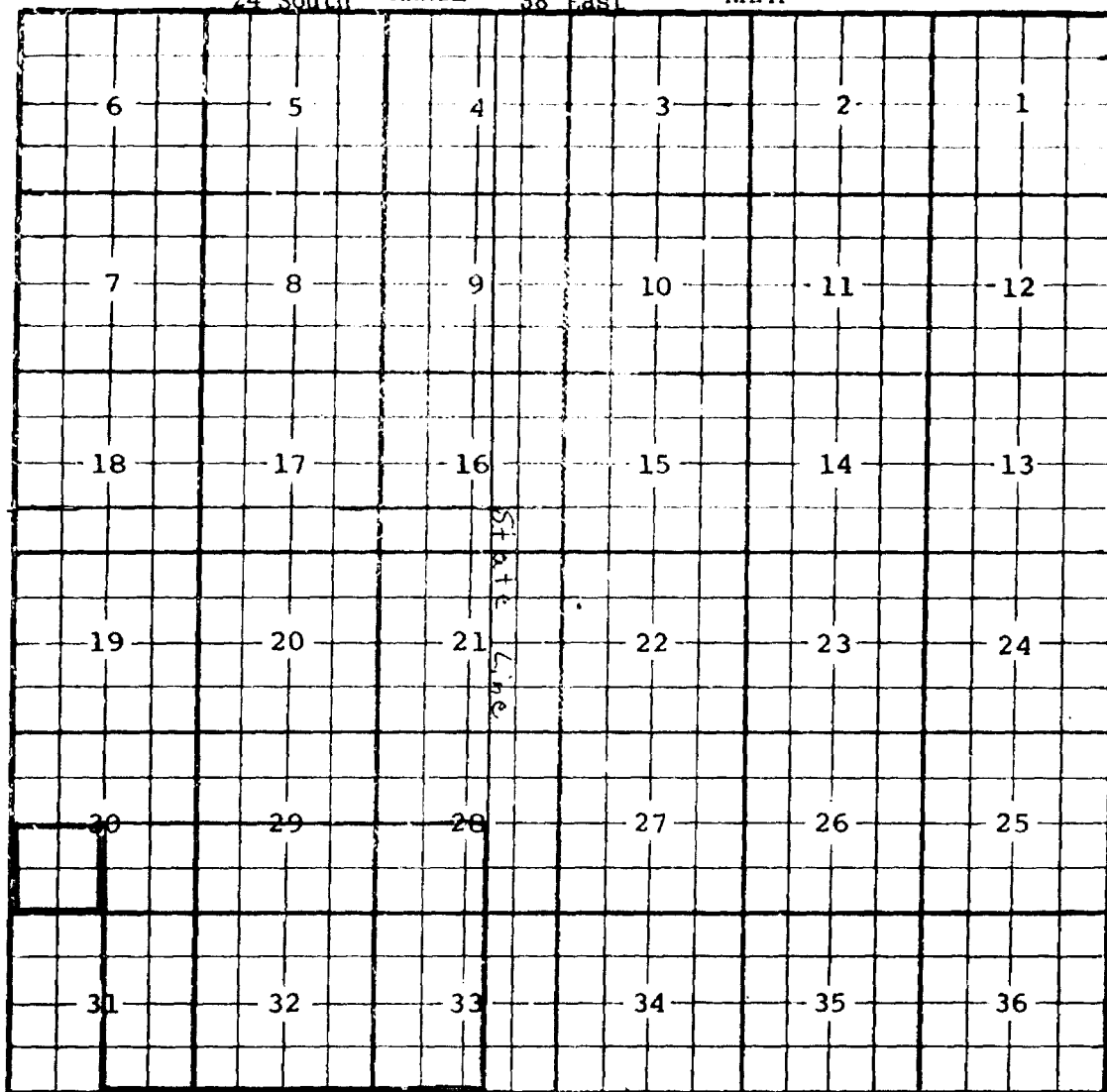
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: SW/4

CASE 4724: (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DOLLARHIDE-DEVONIAN

TOWNSHIP 24 South RANGE 38 East NMPM



PURPOSE: One completed oil well capable of producing.

HNG OIL COMPANY - Vance "30" #1 in Unit N of Section 30-24-38. Completed in Devonian on March 13, 1972. Top of Perforations 7718'.

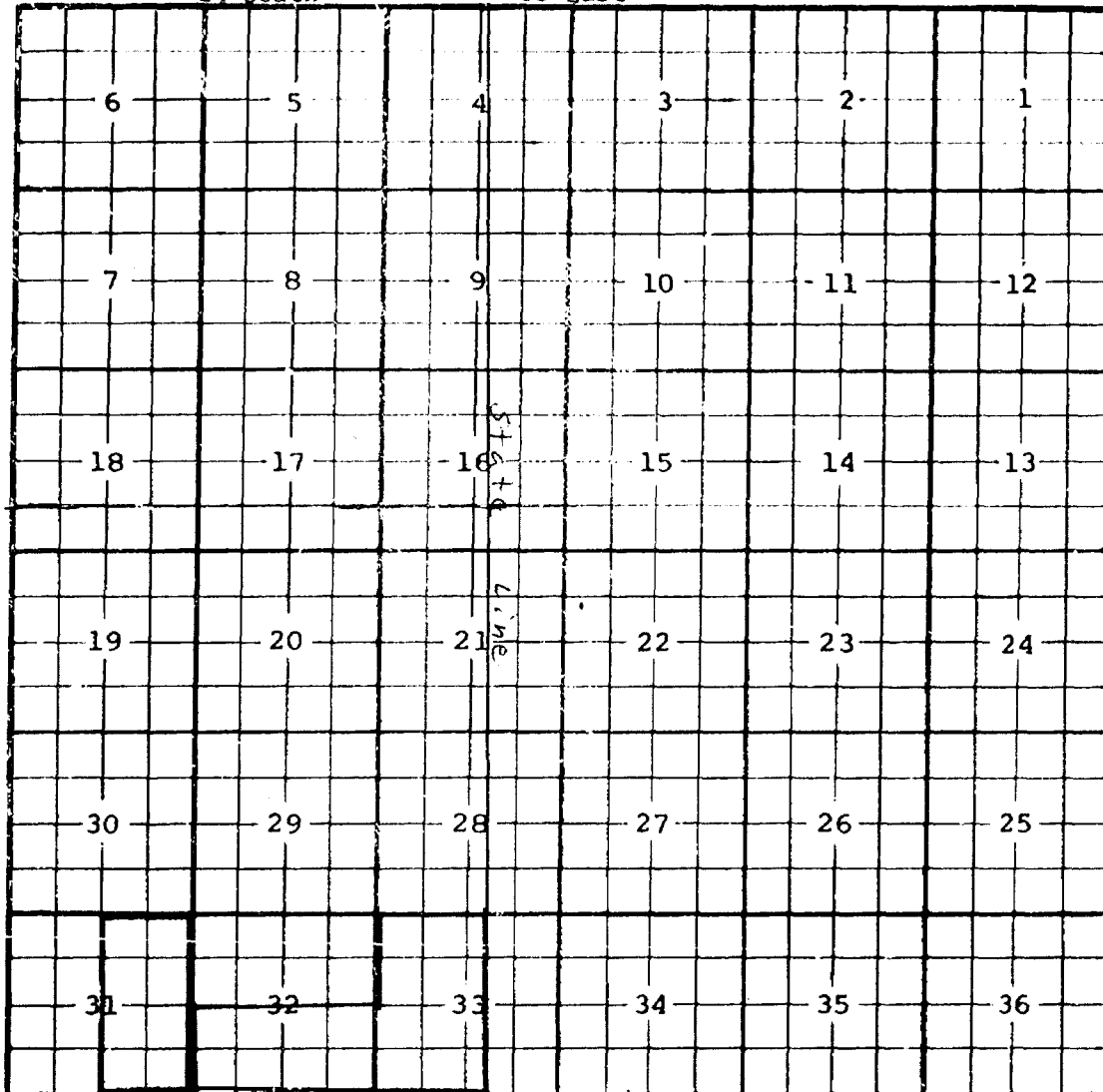
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 30: SW/4

CASE 4724: (s) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DOLLARHIDE-ELLENBURGER

TOWNSHIP 24 South RANGE 38 East NMFM



PURPOSE: One completed oil well capable of producing.

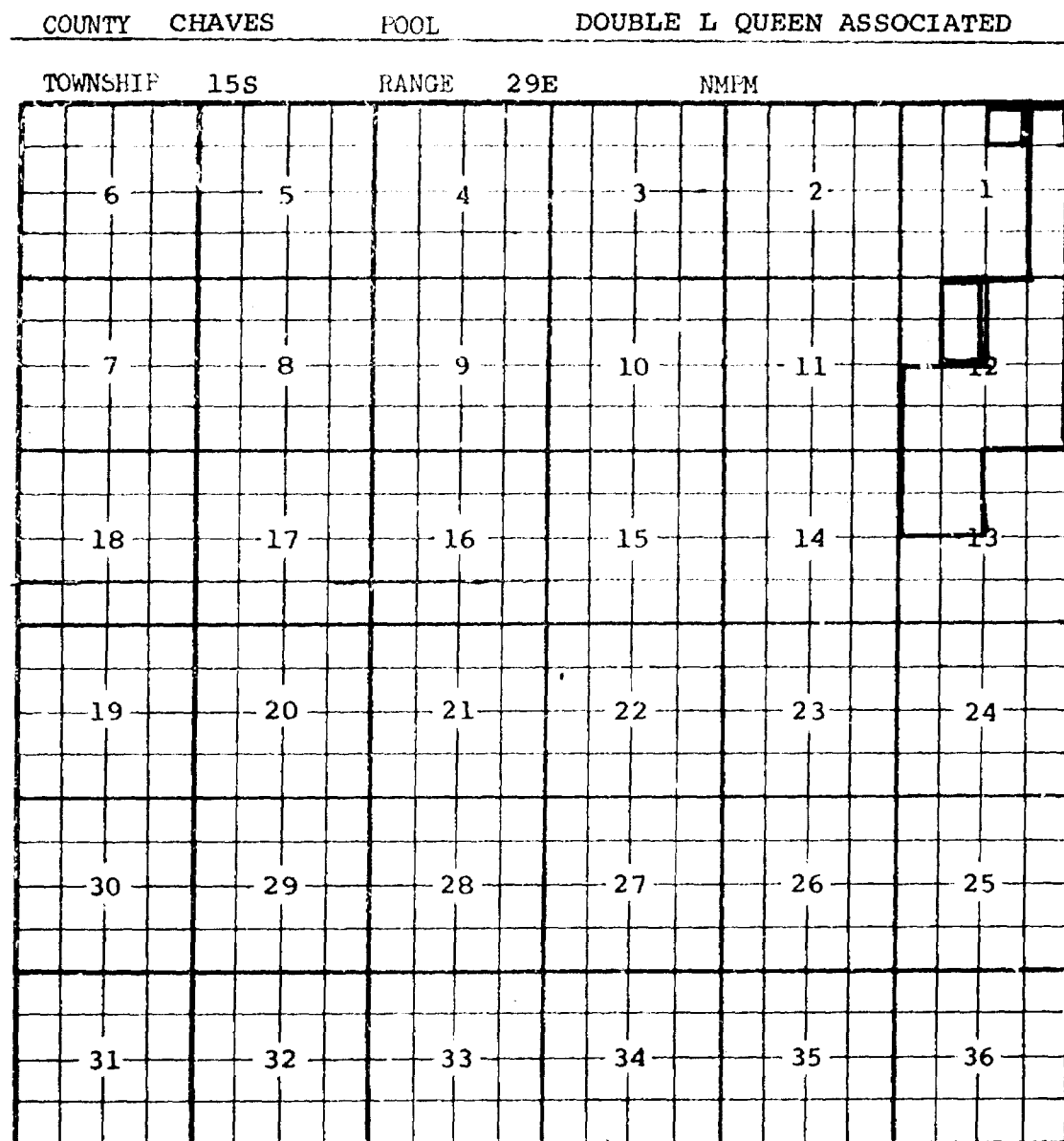
HNG OIL COMPANY - Elliott "31" Federal #1 in Unit A of Section 31-24-38.

Completed in Ellenburger on January 31, 1972. Top of Perforations 10,228'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: E/2

CASE 4724: (t) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed gas well and to include all dedicated acreage in pool.

Operator	Lease # & Ut.	S-T-R	Comp.	Form.	TOP
Corinne Grace	State 2 - B	1-15-29	1971	Q	1926

Pool boundry outlined in red.

Proposed extension outlined in green.

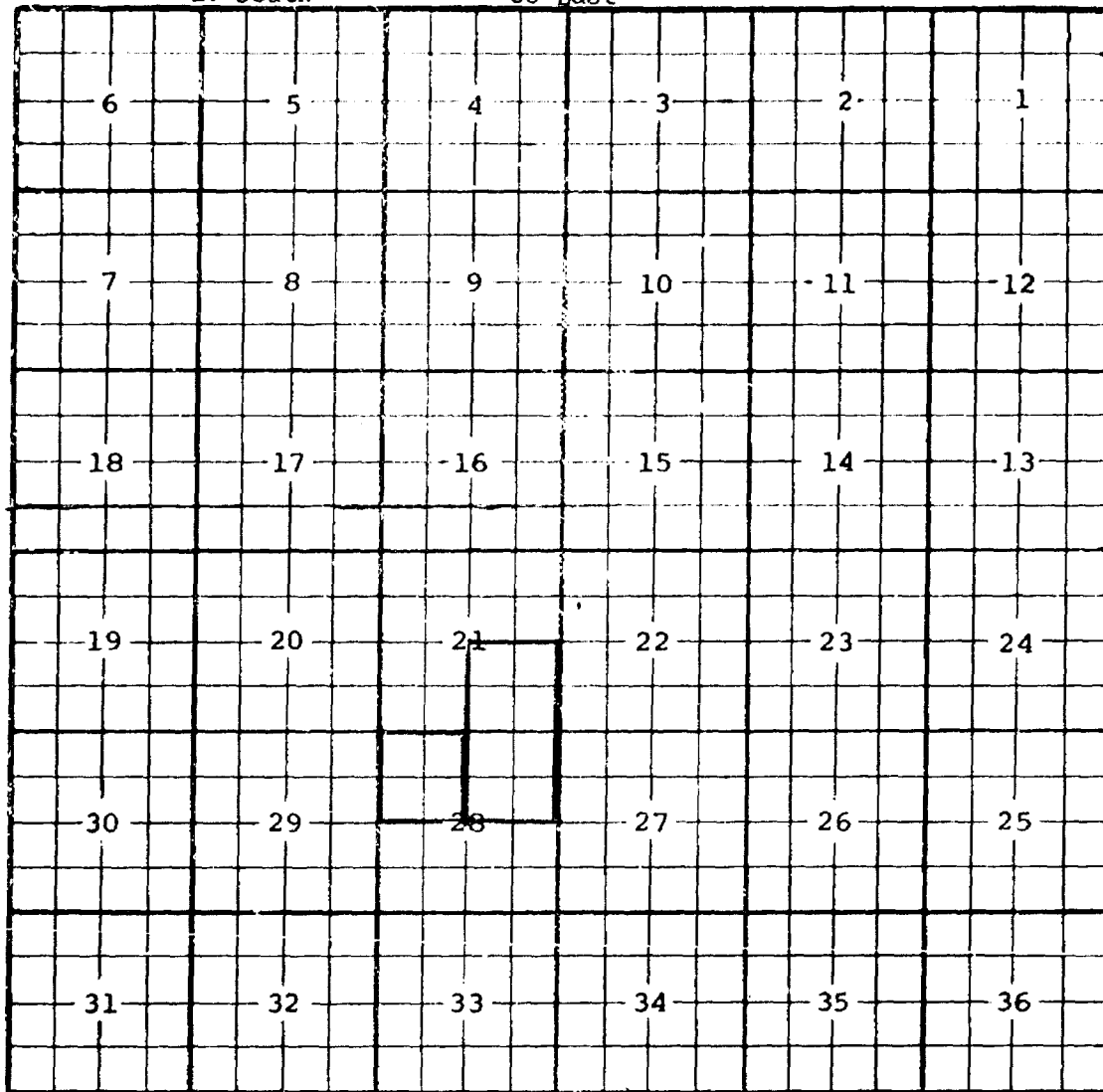
Sec. 1: NW/4 NE/4

Sec. 12: E/2 NW/4

CASE 4724: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL GARRETT-DRINKARD

TOWNSHIP 16 South RANGE 38 East NMPM



PURPOSE: One completed oil well capable of producing.

GREEN & MICHAELSON PRODUCING COMPANY - Wood #1 in Unit B of Section 28-16-38. Completed in Drinkard on March 10, 1972. Top of Perforations 8207'.

ADDITION--GREEN & MICHAELSON PRODUCING COMPANY - Clardy #1 in Unit O of Section 21-16-38. Completed in Drinkard on April 26, 1972. Top of Perforations 7899'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 28: NE/4

ADDITION-----SECTION 21: SE/4

CASE 4724: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL JENNINGS-DELAWARE

TOWNSHIP	26 South	RANGE	32 East	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

PURPOSE: One completed oil well capable of producing.

BLACKROCK OIL COMPANY - Union Federal #2 in Unit B of Section 4-26-32.

Completed in Delaware on February 2, 1972. Top of Perforations 4565'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 4: NE/4

CASE 4724: (w) EXTENSION OF AN EXISTING OIL POOL
County CHAVES Pool ROUND TANK-QUEEN

Township 15S Range 28E NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut.	S-T-R	Comp.	Form.	TOP
Elk Oil Co.	Mehurin	3 - J	24-15-28	3-8-72	0	1463

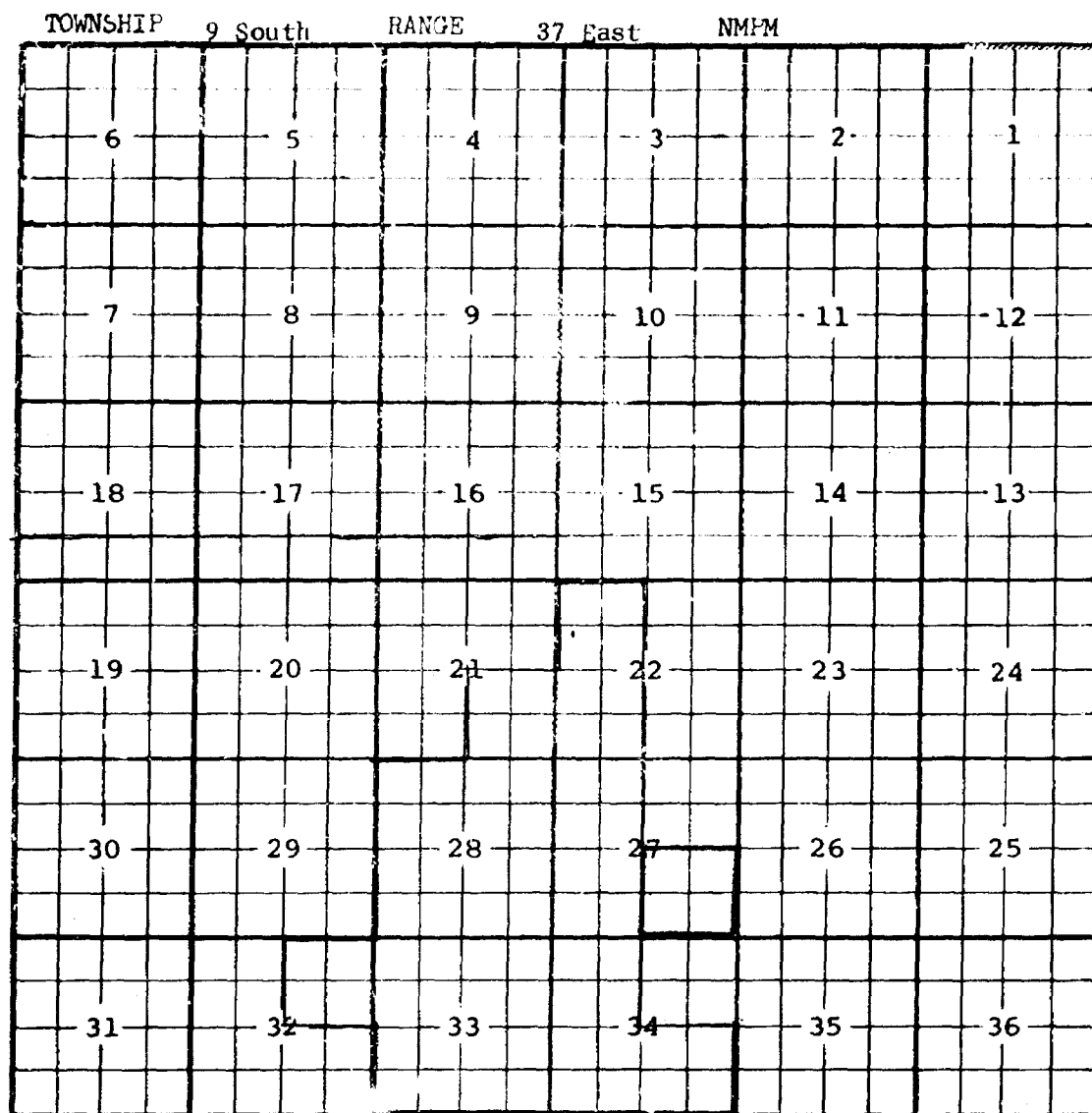
Pool boundry outlined in red.

Proposed extension outlined in green.

Sec. 24: SE/4

CASE 4724: (x) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA FOOL WEST SAWYER-SAN ANDRES



PURPOSE: One completed oil well capable of producing.

OIL DEVELOPMENT COMPANY OF TEXAS - SFPRR #14 in Unit J of Section 27-9-37.

Completed in San Andres on April 1, 1972. Top of Perforations 4976'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 27: SE/4

CASE 4724: (y) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL TOWNSEND-MORROW GAS

TOWNSHIP 16 South						RANGE 35 East						NMPM					
6		5		4		3		2		1							
7		8		9		10		11		12							
18		17		16		15		14		13							
19		20		21		22		23		24							
30		29		28		27		26		25							
31		32		33		34		35		36							

PURPOSE: Two completed gas wells capable of producing.

V-F PETROLEUM - Humble Townsend #1 in Unit L of Section 9-16-35. Completed in Morrow on October 22, 1971. Top of Perforations 11,800'.

V-F PETROLEUM - Danglade Gas Com #1 in Unit J of Section 15-16-35. Completed in Morrow on January 4, 1972. Top of Perforations 11,417'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 9: W/2 and SE/4

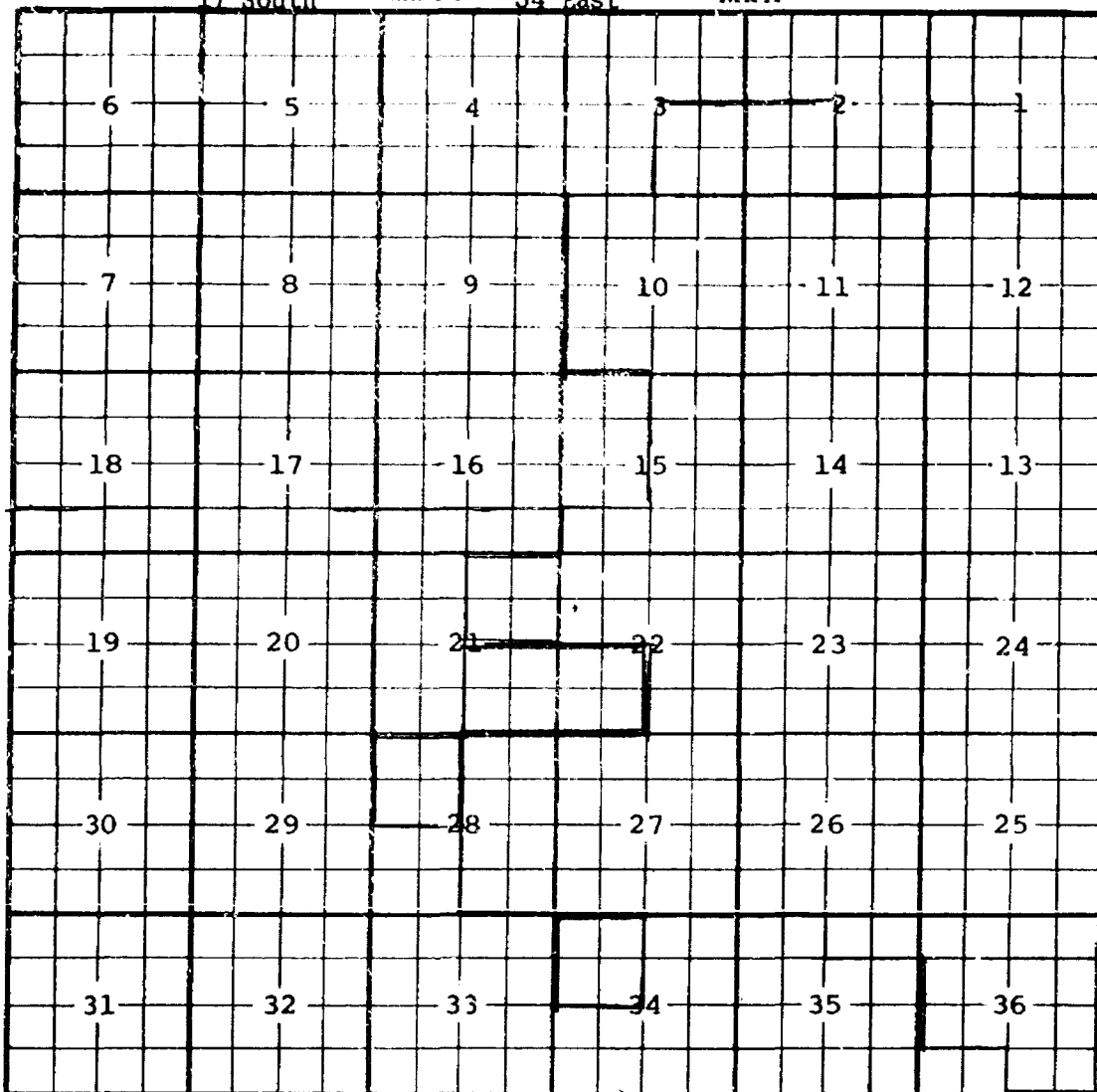
SECTION 10: S/2

SECTION 15: E/2

CASE 4724: (z) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL NORTH VACUUM-ABO

TOWNSHIP 17 South RANGE 34 East NMFM



PURPOSE: Four completed oil wells capable of producing. (Wells listed on attached sheet.)

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 21: SE/4

SECTION 22: SW/4

ADDITIONS-----SECTION 28: NW/4

SECTION 34: NW/4

COUNTY LEA POOL NORTH VACUUM-ABO
TOWNSHIP 17 South RANGE 34 East NMPM

PHILLIPS PETROLEUM COMPANY - Lea #24 in Unit P of Section 21-17-34.
Completed in Abo on February 29, 1972. Top of Perforations 8807'.

AZTEC OIL & GAS COMPANY - Conoco State #1 in Unit N of Section 22-17-34. Completed in Abo on April 1, 1972. Top of Perforations 8706'.

AZTEC OIL & GAS COMPANY - Conoco "AZ" State Com #1 in Unit L of Section 22-17-34. Completed in Abo on April 22, 1972. Top of Perforations 8762'.

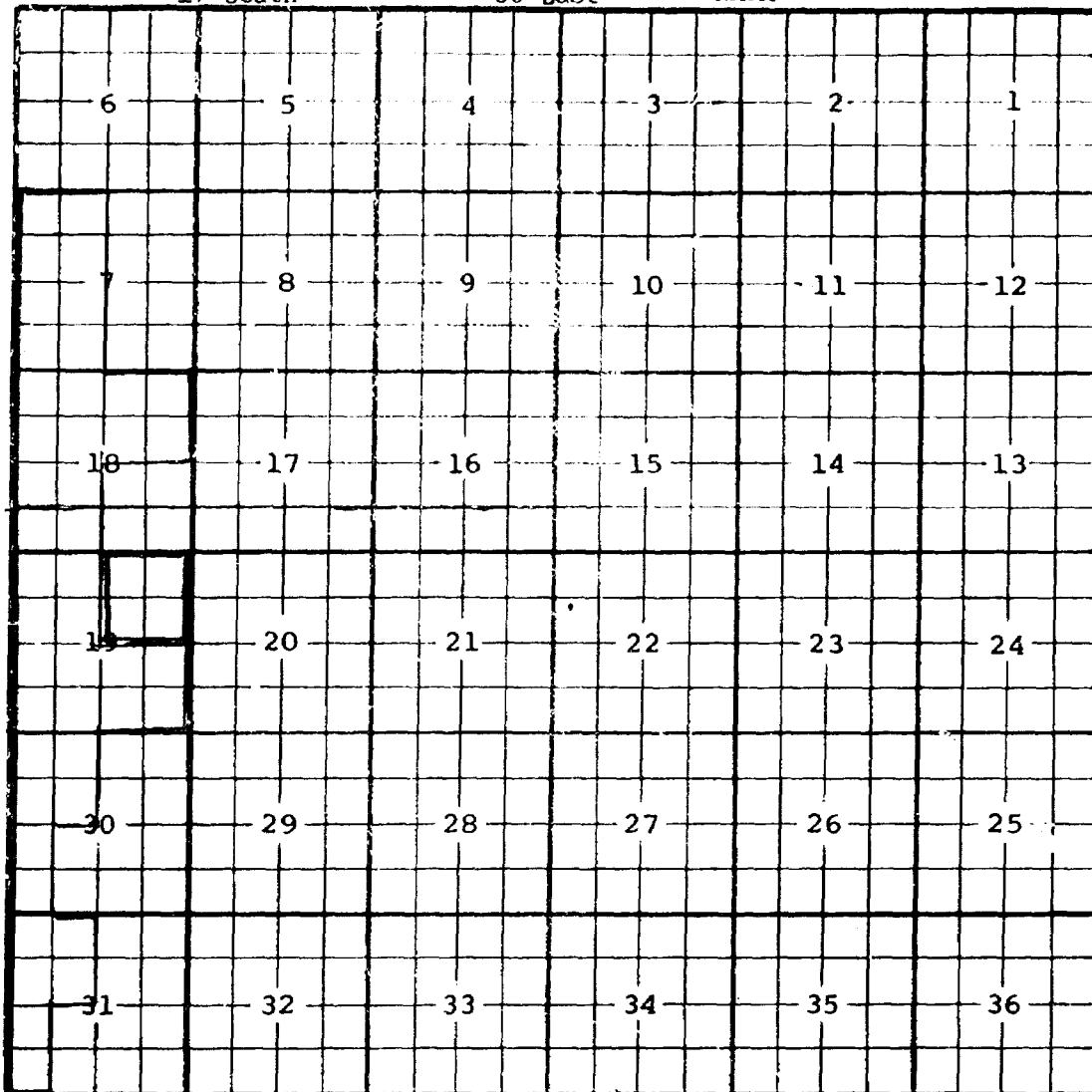
ADDITION--TEXACO, INC. - New Mexico "T" State NCT-4 #2 in Unit F of Section 28-17-34. Completed in Abo on April 9, 1972. Top of Perforations 8777'.

ADDITION--TEXACO, INC. - New Mexico "V" State #9 in Unit D of Section 34-17-34. Completed in Abo on April 8, 1972. Top of Perforations 8691'.

CASE 4724: (z) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL NORTH VACUUM-ABO

TOWNSHIP 17 South RANGE 35 East NMFM



PURPOSE: As stated on preceding page, paragraph (z), Exhibit I.

SHELL OIL COMPANY - State VB Com #1 in Unit B of Section 19-17-35. Completed in Abo on March 18, 1972. Top of Perforations 8678'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 19: NE/4

CASE 4724: (aa) EXTENSION OF AN EXISTING GAS POOL

COUNTY INDY POOL WASHINGTON RANCH-MORROW GAS

TOWNSHIP 25 South RANGE 24 East NMPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

PURPOSE: One completed gas well capable of producing.

BLACK RIVER CORPORATION - Cities & Federal #1 in Unit E of Section 35-25-24.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: W/2

TO BE DISMISSED PENDING FURTHER STUDY.

CASE 4724: (bb) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL OSUDO-DEVONIAN GAS

TOWNSHIP 20 South RANGE 36 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: Include additional acreage in order that the Osudo-Devonian

Gas Pool will conform to the provisions of Order R-4257.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: E/2

NOMENCLATURE ADVERTISEMENT FOR MAY, 1972

CASE 4724

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Chaves, Eddy, Lea, and Roosevelt Counties, the abolishment of certain existing pools in Eddy and Lea Counties, New Mexico, the contraction of certain existing pools in Lea County, New Mexico, and the extension of vertical and horizontal limits of certain existing pools in Chaves, Eddy, and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, contractions, and extensions of vertical and horizontal limits should not be made.

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 ~~described as~~ *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 ~~described as:~~ *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 ~~described as:~~ *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 ~~described as~~ *would comprise:*

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

e) ABOLISH the 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

May, 1972 Nomenclature

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) → 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) → (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 4: 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

May, 1972 Nomenclature

- (L) #) 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

- (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.

- (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

- (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

- (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
✓ SECTION 2: All

cont next page

May, 1972 Nomenclature

g) Blinebry Oil Pool extension continued:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

✓ 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

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

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

May, 1972 Nomenclature

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 Osada - Devonian Gas Pool in Lea County, New Mexico to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
~~SECTION 29: SE/4~~
SECTION 31: E/2

NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the SOUTH EMPIRE-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (a), Exhibit I

Discovery well was Midwest Oil Corporation - South Empire Deep Unit #1 located in Unit F Section 6 Township 18 Range 29 and was completed on November 29, 1971. Top of perforations is at 10,716 feet.

- b) It is recommended that a new oil pool be created and designated as the HUMBLE CITY-STRAWN Pool.

Vertical limits to be the Strawn formation and the horizontal limits should be as follows: As shown in Paragraph (b), Exhibit I

Discovery well was Harding Oil & Gas Company - Shipp #1 located in Unit K Section 11 Township 17 Range 37 and was completed on March 10, 1972. Top of perforations is at 11,429 feet.

- c) It is recommended that a new oil pool be created and designated as the MANY GATES-ABO Pool.

Vertical limits to be the Abo formation and the horizontal limits should be as follows: As shown in Paragraph (c), Exhibit I

Discovery well was Jack Phillips - Isler Federal #1 located in Unit A Section 31 Township 9 Range 30 and was completed on February 20, 1972. Top of perforations is at 7248 feet.

NEW POOLS

d) It is recommended that a new gas pool be created and designated as the PETERSON-PENNSYLVANIAN GAS Pool.

Vertical limits to be the Pennsylvanian formation and the horizontal limits should be as follows: As shown in Paragraph (d), Exhibit I

Discovery well was Amoco Production Company - Peterson "A" Gas Com #1 located in Unit B Section 19 Township 5 Range 33 and was completed on August 23, 1971. Top of perforations is at 7632 feet.

It is recommended that a new _____ pool be created and designated as the _____ Pool.

Vertical limits to be the _____ formation and the horizontal limits should be as follows: _____

Discovery well was _____ located in Unit _____ Section _____ Township _____ Range _____ and was completed on _____. Top of perforations is at _____ feet.

It is recommended that a new _____ pool be created and designated as the _____ Pool.

Vertical limits to be the _____ formation and the horizontal limits should be as follows: _____

Discovery well was _____ located in Unit _____ Section _____ Township _____ Range _____ and was completed on _____. Top of perforations is at _____ feet.



L. P. Thompson
Division Manager
Production Department
Hobbs Division

Western Hemisphere Petroleum Division
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(505) 393-4141

May 15, 1972

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

Attention Mr. A. L. Porter, Jr.
Secretary Director

Gentlemen:

Case No. 4723 - May 17, 1972, Examiner Docket

In the advertisement for the subject case, we noted that it is proposed to abolish the Terry Blinebry Pool and expand the Blinebry Pool to cover the area previously occupied by the Terry Blinebry Pool. Continental applauds this move as proper conservation action in that the two pools are recognized to have been, in actuality, a common source of supply for many years. We believe that the Commission's proposed action constitutes only a part of the task which needs to be done. The pool rules for both the Terry Blinebry and Blinebry pools contain provisions which are no longer needed. On the other hand, there are some provisions of the Terry Blinebry rules which should be extended to the Blinebry Pool.

In actuality, there have been separate systems at work in this reservoir and the Commission's redesignation of pool boundaries will eliminate one of the systems. There still remain, however, two systems that work within the reservoir and there are numerous instances of inequities which result from this fact. Continental recommends that the Commission call a hearing for consideration of changes in the pool rules in an attempt to accomplish the following objectives:

1. Standardized pool rules for the Blinebry Pool incorporating all of the desirable features and eliminating all of the undesirable features of the present rules for the Blinebry-Terry Blinebry pools.
2. Reduce, if possible, the impact on various operators and wells due to the changes in pool nomenclature, well classification, and policing procedures used by the Commission.
3. Establish, if possible, a more equitable method of allocating allowables to the wells within the consolidated pool in the interest of protecting correlative rights and preventing waste.

NMOCC
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Continental believes that it is highly desirable that the pool boundaries and the revised pool rules be inaugurated concurrently. Therefore, we urge that the Commission call a hearing on the pool rules at the earliest possible date and withhold the change in pool nomenclature until such time as the rules are determined.

Yours very truly,



FW
CC:
RLA: JJB: JWK:

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER CONCERNING THE SUSPENSION
OF THE PROVISIONS OF PARAGRAPHS (h) AND
(i) OF ORDER NO. R-4304, WHICH PARAGRAPHS
ABOLISH THE TERRY-BLINEBRY POOL AND EXTEND
THE HORIZONTAL LIMITS OF THE BLINEBRY OIL
POOL, LEA COUNTY, NEW MEXICO.

EMERGENCY ORDER NO. E-26

BY THE COMMISSION:

NOW, on this _____ day of July, 1972, the Oil Conservation
Commission of New Mexico, a quorum being present, and being fully
advised in the premises,

FINDS:

(1) That an emergency exists which requires the promulgation
of an order by the Commission without notice and hearing.

(2) That Paragraphs (h) and (i) of Order No. R-4304 provide
for the abolishment of the Terry-Blinebry Pool, Lea County, New
Mexico, and the extension of the horizontal limits of the Blinebry
Oil Pool, Lea County, New Mexico, to include therein the acreage
previously comprising the Terry-Blinebry Pool, effective August 1,
1972.

(3) That the Commission is presently considering the applica-
tion of Continental Oil Company in Case 4775 for the amendment of
the Special Rules and Regulations governing the Blinebry Pool.

(4) That the above-described provisions of Paragraphs (h)
and (i) of Order No. R-4304 providing for the abolishment of the
Terry-Blinebry Pool and the extension of the horizontal limits of
the Blinebry Oil Pool should be suspended pending Commission
determination of Case 4775.

IT IS THEREFORE ORDERED:

(1) That the provisions of Paragraphs (h) and (i) providing
for the abolishment of the Terry-Blinebry Pool and the extension
of the vertical limits of the Blinebry Oil Pool, Lea County, New
Mexico, are hereby suspended for a period of 15 days beginning
August 1, 1972.

(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.

CASE 4725:

NORTHWESTERN NEW MEXICO
NOMENCLATURE