

Case Number

4675

Application

Transcripts

Small Exhibits

ETC.

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
March 15, 1972

EXAMINER HEARING

IN THE MATTER OF:)

Southeastern New Mexico)
nomenclature case calling for)
an order for the creation,)
expansion and contraction of)
certain pools in Lea, Eddy and)
Roosevelt Counties, New Mexico)

No. 4675

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

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1 MR. NUTTER: We will call Case No. 4675.

2 MR. HATCH: Southeastern New Mexico
3 nomenclature case calling for an order for the
4 creation, extension and contraction of certain
5 pools in Lea, Eddy and Roosevelt Counties, New
6 Mexico.

7 (Whereupon, Exhibit 1

8 was marked for identification.)

9 (Whereupon, the witness was sworn.)

10 JAMES E. KAPTEINA

11 A Witness, having been first duly sworn, was examined
12 and testified as follows:

13 DIRECT EXAMINATION

14 BY MR. HATCH:

15 Q State your name and position for the record.

16 A James E. Kapteina, Petroleum Engineer for the New
17 Mexico Oil Conservation Commission.

18 Q Are you prepared to make recommendations to the
19 Examiner concerning the creation, extension and contraction
20 of certain pools in Lea, Eddy and Roosevelt Counties, New
21 Mexico?

22 A Yes, sir, I am.

23 Q Are your recommendations prepared in the form of
24 an exhibit?
25

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1 A They are. Exhibit 1, paragraphs A through P.

2 Q All right, would you refer to your Exhibit 1,
3 Paragraphs A through P, and point out any corrections that
4 need to be made in the document?

5 A Exhibit 1, differs from the docket in that
6 additions have been made to Paragraphs E, I and O.

7 Q Are you going to sing those corrections?

8 A No. Paragraph E, addition to Township 25 South,
9 Range 24 East, Section 33, East Half.

10 Paragraph I, addition to Township 12 South,
11 Range 33 East, Section 15, Northwest Quarter.

12 Addition to Paragraph O, in Township 17 South,
13 Range 34 East, Section 10, Northwest Quarter, Section 21,
14 Northeast Quarter, Section 22, Northwest Quarter. In Town-
15 ship 17 South, Range 35 East, addition to Section 7,
16 Southwest Quarter, Section 18, Northeast Quarter and Section
17 19, Southeast Quarter.

18 The remainder of the Exhibit is identical to that
19 as on the docket.

20 Q Do you recommend that the pools in Paragraphs A
21 through P be created, extended or contracted, as shown on
22 the docket, as you have corrected them in here?

23 A I do so recommend.

24 Q Was Exhibit 1 prepared by some member of the
25

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1 Commission staff?

2 A It was prepared by a member of the staff in the
3 Hobbs office.

4 MR. HATCH: I move the introduction of
5 Exhibit 1.

6 MR. NUTTER: Exhibit 1, Case No. 4675
7 will be admitted into evidence.

8 (Whereupon, Exhibit 1 offered and admitted
9 into evidence.)

10 MR. NUTTER: Does anyone have any
11 questions of Mr. Kapteina? You may be excused.

12 (Whereupon, the witness was excused.)

13 MR. NUTTER: Do you have anything
14 further, Mr. Hatch?

15 MR. HATCH: No, sir.

16 MR. NUTTER: Does anyone have anything
17 they wish to offer in Case No. 4675?

18 We will take the case under advisement.
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1
2 STATE OF NEW MEXICO)
3) ss
4 COUNTY OF SANTA FE)

5 I, BETTY J. LANPHERE, Notary Public in and for the
6 County of Santa Fe, State of New Mexico, do hereby certify
7 that the foregoing and attached Transcript of Hearing
8 before the New Mexico Oil Conservation Commission was
9 reported by me; that the same is a true and correct record
10 of the said proceedings, to the best of my knowledge, skill
11 and ability.

12 Betty J. Lanphere
13 NOTARY PUBLIC

14 My Commission Expires:

15 March 22, 1975
16
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22 I do hereby certify that the foregoing is
23 a complete record of the proceedings in
24 the hearing of Case No. 4676
25 heard by me on 3/15 1972

[Signature] Secretary
New Mexico Oil Conservation Commission

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 4675
Order No. R-4279

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING, AND EXTEND-
ING CERTAIN POOLS IN EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 15, 1972,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of March, 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
Atoka formation, said pool to bear the designation of Eagle
Creek-Atoka Gas Pool. Said Eagle Creek-Atoka Gas Pool was
discovered by the Yates Petroleum Corporation Artesia Airport
CF Well No. 1, located in Unit M of Section 11, Township 17
South, Range 25 East, NMPM. It was completed in the Atoka
formation on December 27, 1971. The top of the perforations
is at 7860 feet.

(3) That there is need for the creation of a new gas pool
in Eddy County, New Mexico, for the production of gas from the

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Morrow formation, said pool to bear the designation of Golden Lane-Morrow Gas Pool. Said Golden Lane-Morrow Gas Pool was discovered by the V. H. Westbrook Cowden Federal Well No. 1, located in Unit K of Section 4, Township 21 South, Range 29 East, NMPM. It was completed in the Morrow formation on November 2, 1971. The top of the perforations is at 12,614 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of Hare-Glorieta Pool. Said Hare-Glorieta Pool was discovered by the Shell Oil Company Chesher Well No. 1, located in Unit K of Section 12, Township 21 South, Range 37 East, NMPM. It was completed in the Glorieta formation on December 4, 1971. The top of the perforations is at 5320 feet.

(5) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Devonian formation, said pool to bear the designation of Osudo-Devonian Gas Pool. Said Osudo-Devonian Gas Pool was discovered by the Western Oil Producers, Inc. State "M" Well No. 1, located in Unit E of Section 32, Township 20 South, Range 36 East, NMPM. It was completed in the Devonian formation on December 22, 1971. The top of the perforations is at 12,528 feet.

(6) 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 Washington Ranch-Morrow Gas Pool. Said Washington Ranch-Morrow Gas Pool was discovered by the Black River Corporation Cities Federal Well No. 1, located in Unit F of Section 34, Township 25 South, Range 24 East, NMPM. It was completed in the Morrow formation on June 6, 1971. The top of the perforations is at 6795 feet.

(7) That there is need for the contraction of the Eumont Gas Pool in Lea County, New Mexico, by the deletion of certain acreage in order to correct an overlap of said pool boundary with the Langlie-Mattix Pool.

(8) That there is need for the contraction of the Langlie-Mattix Pool in Lea County, New Mexico, by the deletion of certain acreage in order to correct an overlap of said pool boundary with the Eumont Gas Pool.

(9) That there is need for certain extensions to the South Carlsbad-Morrow Gas Pool and the South Carlsbad-Strawn Gas Pool,

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both in Eddy County, New Mexico, the Langlie-Mattix Pool, the North Bagley-Pennsylvanian Pool, the South Corbin-Morrow Gas Pool, the Lea-Bone Springs Pool, the North Vacuum-Abo Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico, and the South Prairie-San Andres Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 11: W/2

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

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 4: Lots 9 through 16

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 12: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 32: W/2

(e) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and

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designated as the Washington Ranch-Morrow Gas Pool, consisting of the following-described area:

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM

Section 33: E/2

Section 34: All

(f) That the Eumont 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 22 SOUTH, RANGE 37 EAST, NMPM

Section 17: SE/4 SW/4

Section 20: E/2 NW/4

(g) That the Langlie-Mattix Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 20: W/2 NW/4 and NW/4 SW/4

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 17: SE/4 SW/4

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

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

Section 10: SW/4

Section 15: NW/4

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

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM

Section 2: N/2

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM

Section 6: W/2

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(k) That the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM

Section 6: S/2

(l) That the South Corbin-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 25: E/2

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 25: SE/4

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 30: SW/4

(n) That the South Prairie-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 21: NW/4

(o) 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 1: SW/4

Section 10: W/2

Section 21: NE/4

Section 22: NW/4

Section 27: SW/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 7: W/2

Section 18: NE/4

Section 19: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 7: NE/4

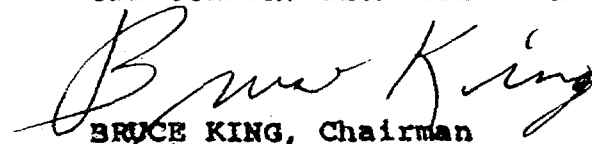
IT IS FURTHER ORDERED:

(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, contractions, and extensions included herein shall be April 1, 1972.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


BRUCE KING, Chairman


ALEX J. ARMIJO, Member


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

esr/

NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the EAGLE CREEK-ATOKA GAS Pool.

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

Discovery well was Yates Petroleum Corporation - Artesia Airport CF #1 located in Unit M Section 11 Township 17 Range 25 and was completed on December 27, 1971. Top of perforations is at 7860 feet.

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

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

Discovery well was V. H. Westbrook - Cowden Federal #1 located in Unit K Section 4 Township 21 Range 29 and was completed on November 2, 1971. Top of perforations is at 12,614 feet.

- c) It is recommended that a new oil pool be created and designated as the HARE-GLORIETA Pool.

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

Discovery well was Shell Oil Company - Chesher #1 located in Unit K Section 12 Township 21 Range 37 and was completed on December 4, 1971. Top of perforations is at 5320 feet.

NEW POOLS

- d) It is recommended that a new GAS pool be created and designated as the OSUDO-DEVONIAN GAS Pool.

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

Discovery well was Western Oil Producers, Inc. - State "M" #1 located in Unit E Section 32 Township 20 Range 36 and was completed on December 22, 1971. Top of perforations is at 12,528 feet.

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

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

Discovery well was Black River Corporation - Cities Federal #1 located in Unit F Section 34 Township 25 Range 24 and was completed on June 6, 1971. Top of perforations is at 6795 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.

CASE 4675: (a) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Eagle Creek-Atoka Gas

TOWNSHIP 17S RANGE 25E 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: One completed Gas well capable of producing.

Discovery Well: Yates Petroleum Corp. Artesia Airport CF #1 located in Unit M, Sec. 11-T17S-R25E. Completed Dec. 27, 1971, through Atoka perforations from 7860-77'.

Proposed pool boundary outlined in green.

Sec. 11: W/2

COUNTY Eddy POOL Golden Lane-Morrow Gas

TOWNSHIP 21S 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: V. H. Westbrook, Cowden Federal #1 located in Unit K, Sec. 4-T21S-R29E. Completed Nov. 2, 1971, through Morrow perforations from 12614-622'.

Proposed Pool boundary outlined in green.

Sec. 4: Lots 9 through 16.

CASE 4675: (c) CREATION OF A NEW OIL POOL
COUNTY LEA POOL HARE-GLORIETA

TOWNSHIP 21 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.

SHELL OIL COMPANY - Chesher #1 in Unit K of Section 12-21-37. Completed in Glorieta on December 4, 1971. Top of Perforations 5320'.
Proposed pool boundary colored in red. SECTION 12: SW/4

CASE 4675: (d) CREATION OF A NEW GAS POOL

COUNTY LEA POOL OSUDO-DEVONIAN GAS

TOWNSHIP 20 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: One completed gas well capable of producing.

WESTERN OIL PRODUCERS, INC. - State "M" #1 in Unit E of Section 32-20-36.

Completed in Devonian on December 22, 1971. Top of Perforations 12,528'.

Proposed pool boundary colored in red. SECTION 32: W/2

CASE 4675: (e) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Washington Ranch-Morrow Gas

TOWNSHIP			25S	RANGE	24E	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: Three completed Gas wells capable of producing.

Discovery Well: Black River Corporation, Cities Federal #1 located in Unit F, Sec. 34-T25S-R24E. Completed June 6, 1971, through Morrow perforations from 6795'-6844'.

Proposed pool boundary outlined in green.

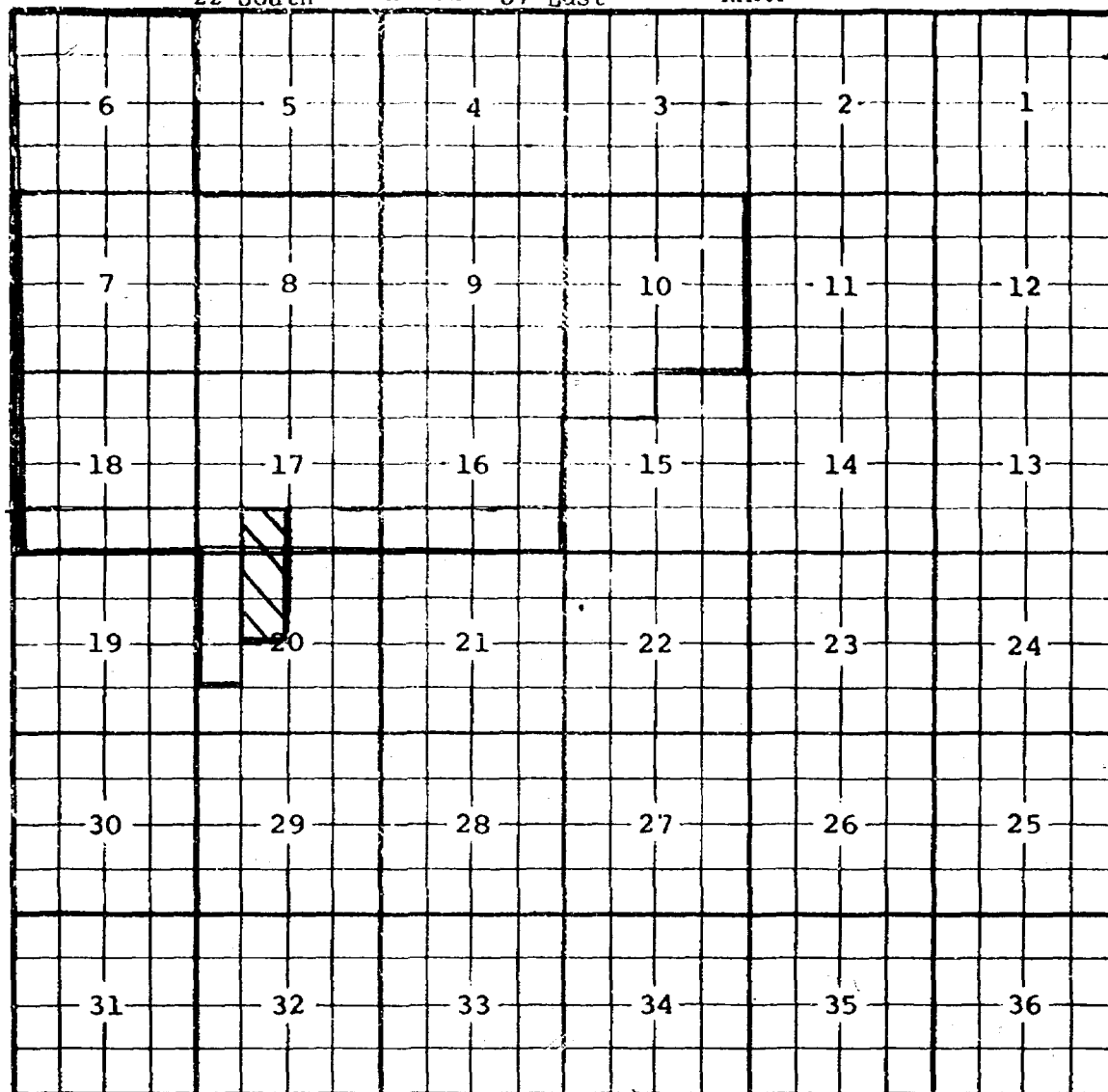
ADDITION

Sec. 34: ALL

Sec. 33: E/2

CASE 4675: (f) DELETION OF AN EXISTING GAS POOL
COUNTY LEA POOL EUMONT GAS

TOWNSHIP 22 South RANGE 37 East NMPM



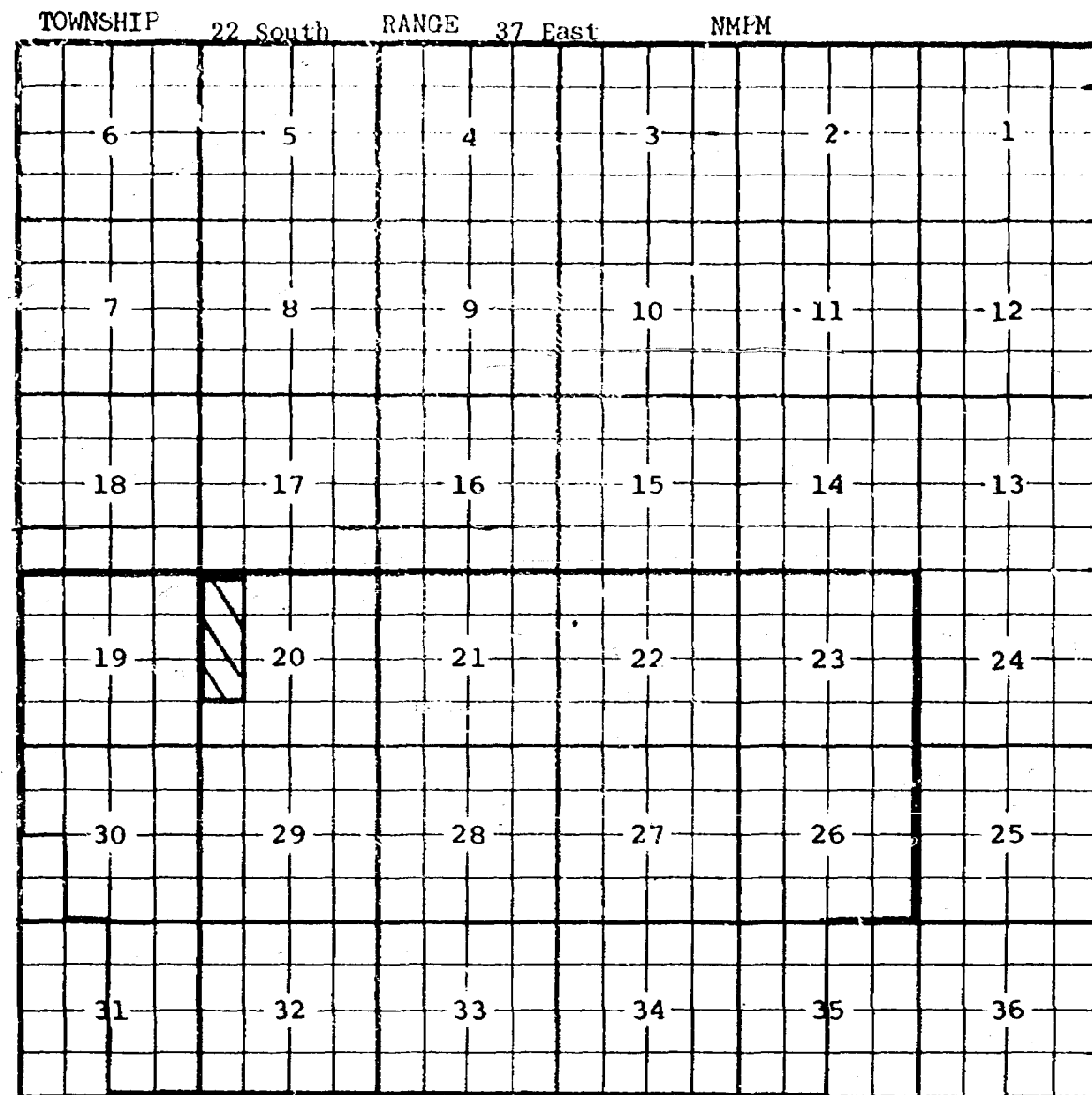
PURPOSE: To contract the Eumont Gas Pool in order to correct an overlap
of the pool boundary with the Langlie-Mattix Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 17: SE/4 SW/4

SECTION 20: E/2 NW/4

CASE 4675: (g) DELETION OF AN EXISTING OIL POOL
 COUNTY LEA POOL LANGLEIE-MATTIX



PURPOSE: To contract the Langlie-Mattix Pool in order to correct an
 overlap of pool boundary with the Eumont Gas Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 20: W/2 NW/4 and NW/4 SW/4

CASE 4675: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LANGLEIE-MATTIX

TOWNSHIP 22 South						RANGE 37 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: One completed oil well capable of producing.

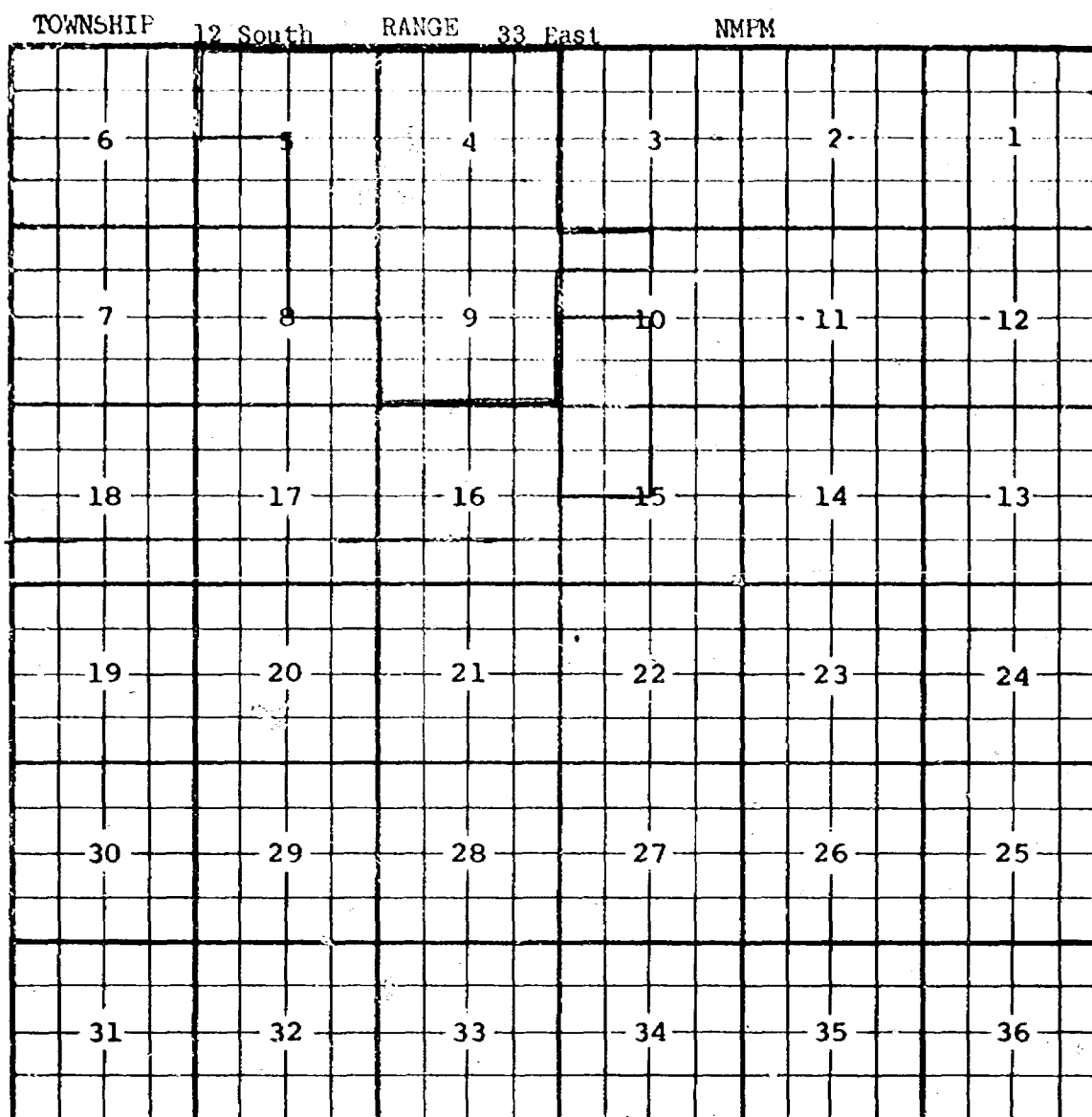
MILLARD DECK - Patsy "B" #2 in Unit N of Section 17-22-37. Completed in Queen on January 20, 1972. Top of Perforations 3480'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 17: SE/4 SW/4

CASE 4675: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

TEXAS PACIFIC OIL COMPANY, INC. - State "B" A/c 1 #5 in Unit L of Section 10-12-33. Completed in Pennsylvanian on February 6, 1972. Top of Perforations 9481'.

ADDITION--AMERICAN QUASAR PETROLEUM COMPANY OF NEW MEXICO - Humble State #1 in Unit D of Section 15-12-33. Completed in Pennsylvanian on February 9, 1972. Top of Perforations 9507'.

Pool boundary colored in red.

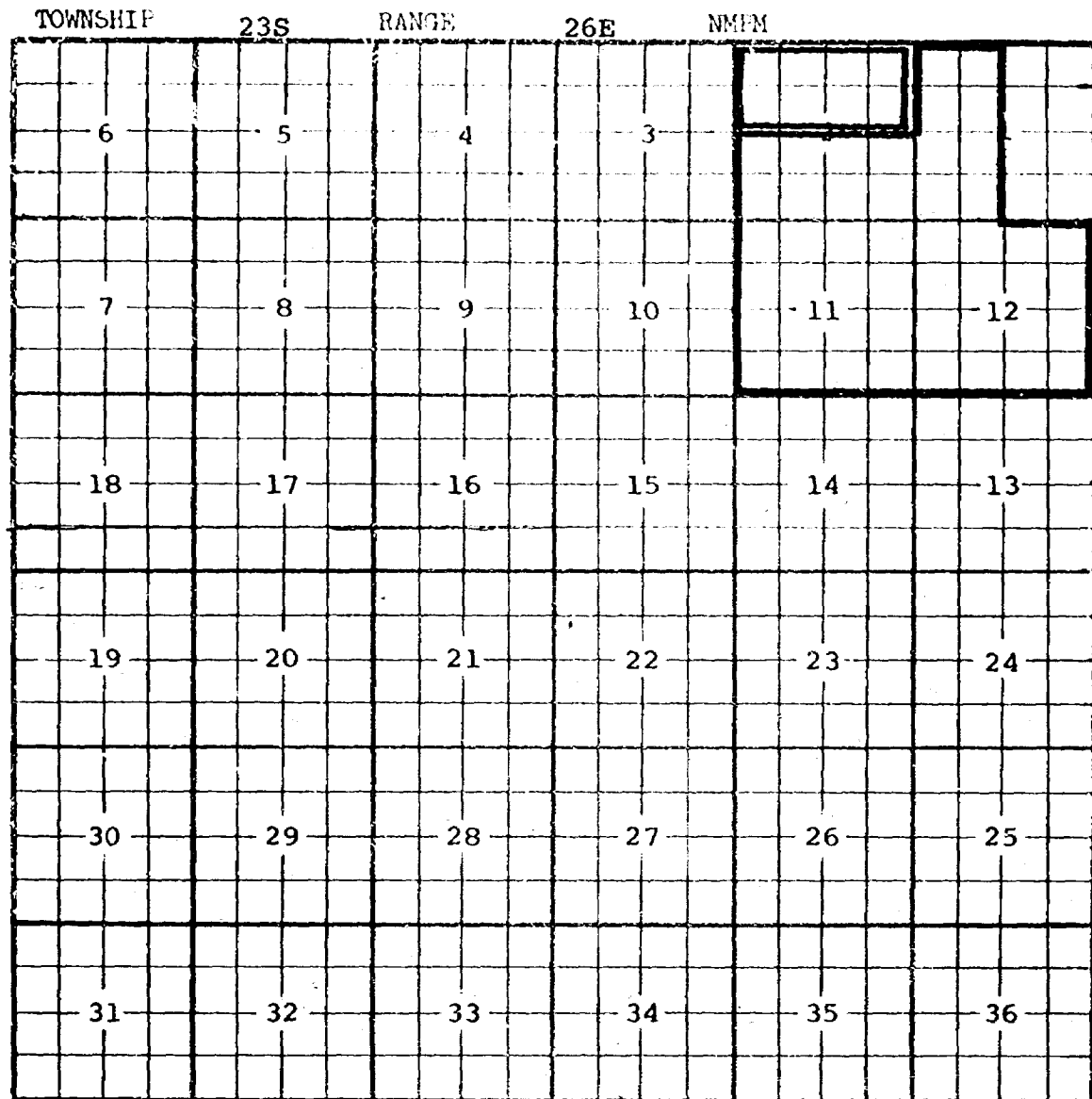
Proposed pool extensions colored in green. SECTION 10: SW/4

ADDITION----SECTION 15: NW/4

CASE 4675: (j) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy

POOL South Carlsbad-Morrow-Gas



Purpose: One completed Gas well capable of producing.

Operator	Lease	Well #	S.T.R.	Comp.	Form	TOP
Corinne Grace	Gradonoco	#1-H	2-23S-26E	12-1-71	Morrow	11656'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 2: N/2

COUNTY	Eddy	POOL	South Carlsbad-Morrow-Gas		
TOWNSHIP	23S	RANGE	27E	NMFM	
	5	4	3	2	1
	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	Well # & Ut.	S.T.R.	Comp.	Form	TOP
Pennzoil United, Inc.	Gulf Federal	#2-L	6-23-27	2/7/72	Morrow	11397'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 6: W/2

CASE 4675: (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL	South Carlsbad-Strawn Gas
TOWNSHIP	23S	RANGE	27E NMPM
	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.

Well
 Operator Pennzoil United, Inc. Lease Gulf Federal #2-L # & Ut. 6-23-27 S.T.R. 2/8/72 Comp. Form Strawn

TOP
 10375'

Pool boundary outlined in red.

Proposed extension outlined in green.
 Sec. 6: S/2

CASE 4675: (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH CORBIN-MORROW GAS

TOWNSHIP 18 South RANGE 32 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: One completed gas well capable of producing.

L. R. FRENCH, JR. - Uncle Sam #1 in Unit J of Section 25-18-32. Completed in Morrow on January 17, 1972. Top of Perforations 13,104'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: E/2

TOWNSHIP 19 South RANGE 34 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.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: SE/4

CASE 4675: (m) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL LEA-BONE SPRINGS

TOWNSHIP 19 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: As stated on preceding page, paragraph (m), Exhibit I.

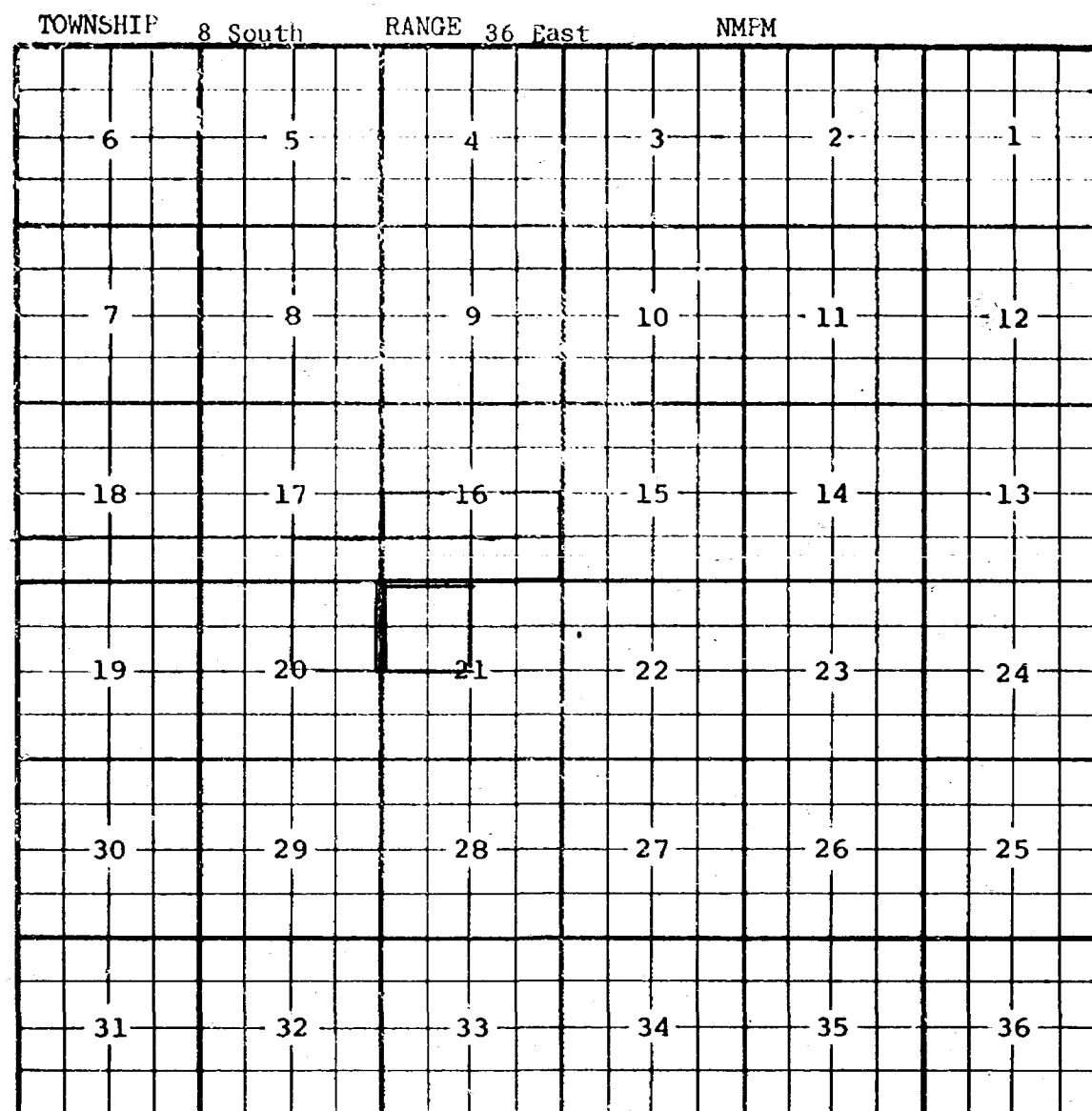
GULF OIL CORPORATION - Lea "IH" State #1 in Unit K of Section 30-19-35.

Completed in Bone Springs on January 26, 1972. Top of Perforations 9842'.

Pool boundary colored in red.

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

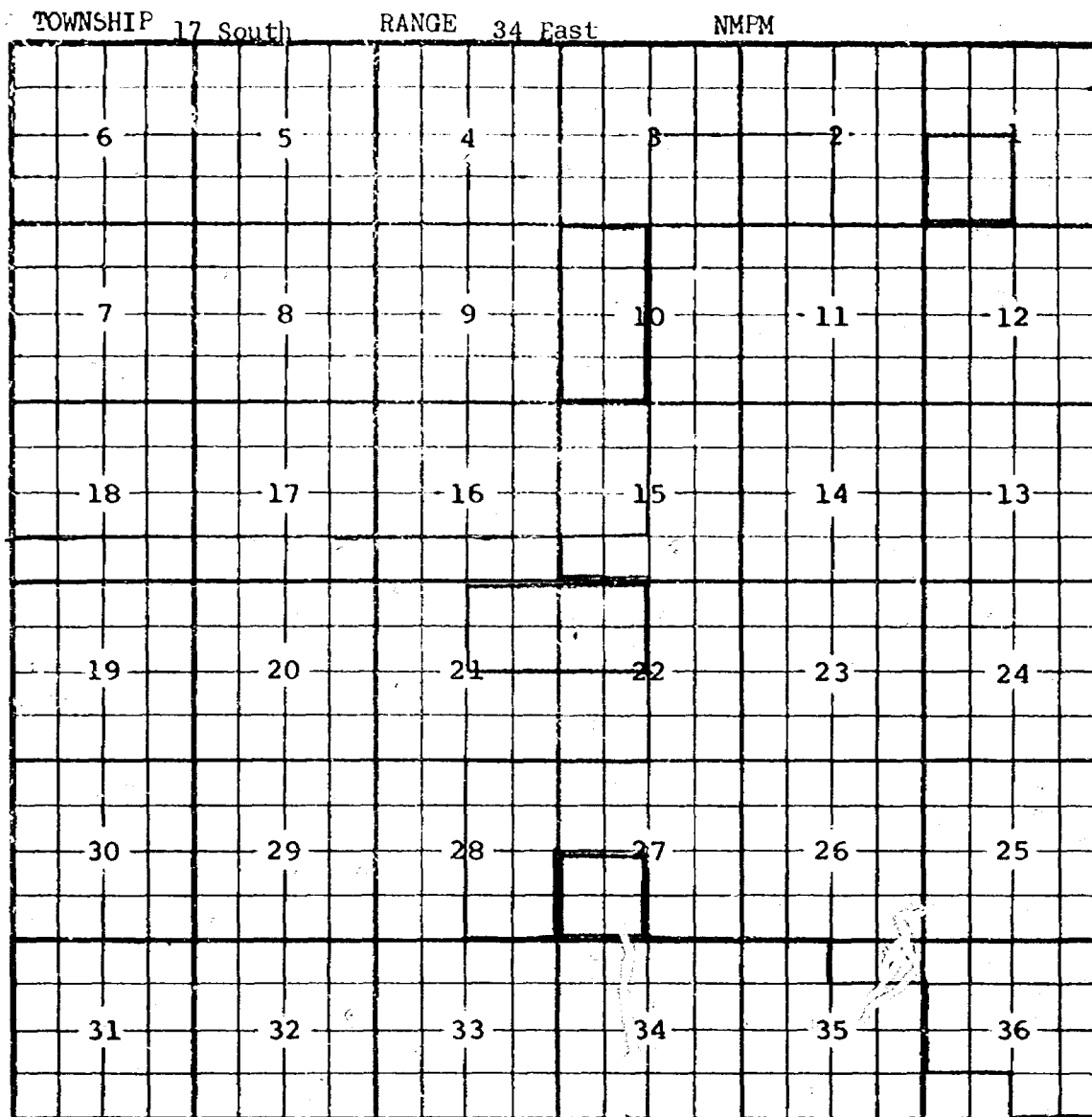
CASE 4675: (n) EXTENSION OF AN EXISTING OIL POOL
 COUNTY ROOSEVELT POOL SOUTH PRAIRIE-SAN ANDRES



PURPOSE: One completed oil well capable of producing.
 AMERICAN PETROFINA COMPANY OF TEXAS - Federal "F" #1 in Unit D of Section
 21-8-36. Completed in San Andres on December 20, 1971. Top of Perfora-
 tions 4846'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 21: NW/4



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

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 1: SW/4

SECTION 10: SW/4

SECTION 27: SW/4

ADDITIONS-----SECTION 10: NW/4

SECTION 21: NE/4

SECTION 22: NW/4

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

AMINI OIL CORPORATION - State "A" #1 in Unit N of Section 1-17-34. Completed in Abo on January 13, 1972. Top of Perforations 8590'.

SHELL OIL COMPANY - State VH #3 in Unit N of Section 10-17-34. Completed in Abo on February 5, 1972. Top of Perforations 8718'.

TEXACO, INC. - New Mexico "D" State NCT-1 #6 in Unit L of Section 27-17-34. Completed in Abo on January 4, 1972. Top of Perforations 8686'.

TEXACO, INC. - New Mexico "D" State NCT-1 #7 in Unit N of Section 27-17-34. Completed in Abo on February 1, 1972. Top of Perforations 8654'.

ADDITION--THE SUPERIOR OIL COMPANY - State "N" #1 in Unit F of Section 10-17-34. Completed in Abo on February 24, 1972. Top of Perforations 8702'.

ADDITION--GULF OIL CORPORATION - Ritts State #2 in Unit H of Section 21-17-34. Completed in Abo on February 27, 1972. Top of Perforations 8853'.

CASE 4675: (o) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL NORTH VACUUM-ABO

TOWNSHIP 17 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: As stated on preceding page, paragraph (o), Exhibit I.

PHILLIPS PETROLEUM COMPANY - Santa Fe A Com #1 in Unit D of Section 7-17-35. Completed in Abo on December 29, 1971. Top of Perforations 8691'.

ADDITION--MOBIL OIL CORPORATION - State JJ #1 in Unit L of Section 7-17-35.

Completed in Abo on February 14, 1972. Top of Perforations 8605'.

ADDITION--TEXACO, INC. - New Mexico "DJ" State #2 in Unit B of Section 18-17-35. Completed in Abo on March 1, 1972. Top of Perforations 8792'.

ADDITION--SHELL OIL COMPANY - State K #1 in Unit J of Section 19-17-35.

Completed in Abo on February 21, 1972. Top of Perforations 8676'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 7: NW/4

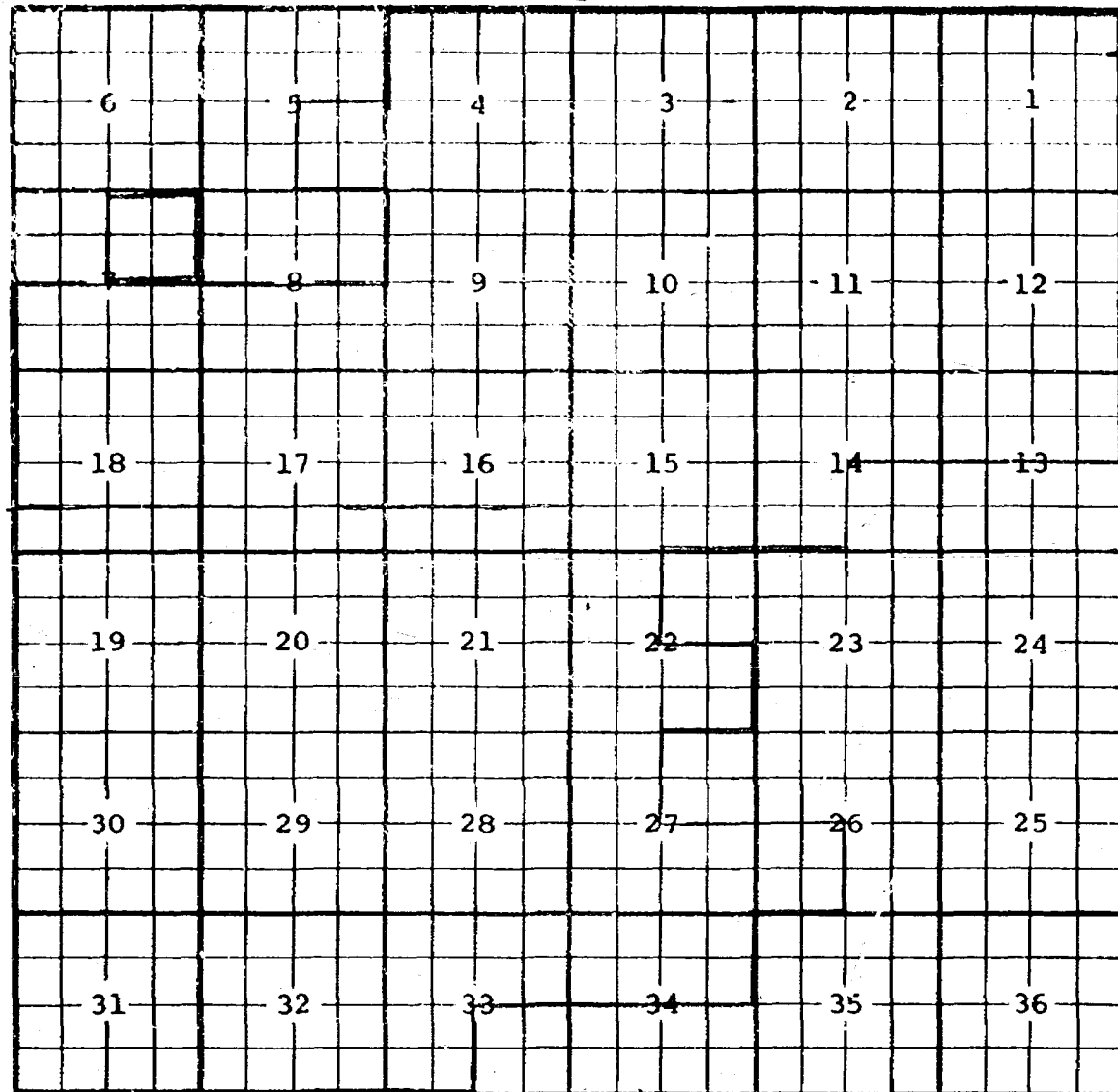
ADDITIONS---SECTION 7: SW/4

SECTION 18: NE/4

SECTION 19: SE/4

CASE 4675: (p) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 9 South RANGE 34 East NMFM



PURPOSE: One completed oil well capable of producing.

DELAWARE-APACHE CORPORATION - Duncan Federal Comm #1 in Unit G of Section 7-9-34. Completed in Bough C on January 10, 1972. Top of Perforations 9610'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 7: NE/4

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 Eddy and Lea Counties, New Mexico, the contraction of certain existing pools in Lea County, New Mexico, and the extension of certain existing pools in Lea and Roosevelt 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, contractions, and extensions should not be made.

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Eagle Creek-Atoka Gas Pool. The discovery well is ^{the} Yates Petroleum Corporation Artesia Airport CF No. 1 located in Unit M of Section 11, Township 17 South, Range 25 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 11: W/2

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Golden Lane-Morrow Gas Pool. The discovery well is ^{the} V. H. Westbrook Cowden Federal No. 1 located in Unit K of Section 4, Township 21 South, Range 29 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
SECTION 4: Lots 9 through 16

c) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production and designated as the Hare-Glorieta Pool. The discovery well is ^{the} Shell Oil Company Chesher No. 1 located in Unit K of Section 12, Township 21 South, Range 37 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 12: SW/4

d) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Devonian production and designated as the Osudo-Devonian Gas Pool. The discovery well is ^{the} Western Oil Producers, Inc. State "M" No. 1 located in Unit E of Section 32, Township 20 South, Range 36 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
SECTION 32: W/2

e) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Washington Ranch-Morrow Gas Pool. The discovery well is ^{the} Black River Corporation Cities Federal No. 1 located in Unit F of Section 34, Township 25 South, Range 24 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM
SECTION 34: All

March, 1972 Nomenclature

f) CONTRACT the Dumont Gas Pool in Lea County, New Mexico, by the deletion of the following described area:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 17: SE/4 SW/4
SECTION 20: E/2 NW/4

g) CONTRACT the Langlie-Mattix Pool in Lea County, New Mexico, by the deletion of the following described area:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 20: W/2 NW/4 and NW/4 SW/4

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

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 17: SE/4 SW/4

i) EXTEND the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: SW/4 ✓

(j) & (k) on last page

(l) EXTEND the South Corbin-Morrow Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
SECTION 25: E/2 ✓

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4 ✓

✓ TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 30: SW/4

(n) EXTEND the South Prairie-San Andres Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: NW/4 ✓

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

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 1: SW/4 ✓
SECTION 10: SW/4
SECTION 27: SW/4

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 7: NW/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: NE/4 ✓

(j) Extend the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ Township 23 South, Range 26 East, NMPM
Section 2: N/2

✓ Township 23 South, Range 27 East, NMPM
Section 6: W/2

(k) Extend the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, to include therein: ✓

✓ Township 23 South, Range 27 East, NMPM
Section 6: S/2

CASE 4676: Application of AMOCO
PRODUCTION CO. FOR A NON-STANDARD
LOCATION, LEA COUNTY, N. MEX.