

CASE 4636:

SOUTHEASTERN NEW MEXICO

NOMENCLATURE

Case Number
4636

Application

Transcripts

Small Exhibits

ETC.

dearnley-meier reporting service

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

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

December 15, 1971

EXAMINER HEARING

IN THE MATTER OF:

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

Case No. 4636

BEFORE: Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

1 MR. UTZ: Do we have any other requests for
2 continuance?

3 I thought maybe we could get Mr. Kapteina down to
4 his proper location on the docket.

5 Case 4636.

6 MR. HATCH: Case 4636 calls for an order calling
7 for the creation and extension of certain pools in Lea, Eddy,
8 and Roosevelt Counties, New Mexico.

9 MR. UTZ: Mr. Kapteina, will you please stand and
10 be sworn.

11 (Witness sworn.)

12 JAMES E. KAPTEINA
13 called as a witness, having been first duly sworn, was
14 examined and testified as follows:

15 EXAMINATION

16 BY MR. HATCH:

17 Q State your name and occupation for the record.

18 A James A. Kapteina, petroleum engineer for the New Mexico
19 Oil Conservation Commission.

20 Q Are you prepared to make a representation to the
21 Examiner concerning the creation and extension of certain
22 pools in Lea, Eddy, and Roosevelt Counties, New Mexico?

23 A Yes.

24 Q Have you recommendations prepared in the form of an
25 exhibit?

1 A They are prepared in the form of an exhibit marked
2 OCC Staff Exhibit 1.

3 A through Q.

4 Q Would you refer to Exhibit 1, paragraphs A through Q, and
5 point out any differences between the exhibit and the
6 docket that has been distributed.

7 A The exhibit is identical to the docket as distributed.

8 Q There are no corrections to be made?

9 A No corrections and no additions.

10 Q Do you recommend that the pools in paragraphs A through Q
11 then on Exhibit 1 be created and extended?

12 A I do.

13 Q Was Exhibit 1 prepared by some member of the Commission
14 staff?

15 A Yes, sir, it was.

16 MR. HATCH: All right. I would like to introduce
17 Exhibit 1.

18 MR. UTZ: Without objection Exhibit 1 will be
19 entered into the record of this case.

20 (Whereupon, Exhibit 1 was
21 admitted into evidence.)

22 MR. UTZ: Without further statements, the witness
23 may be excused.
24
25

dearnley-meier reporting service

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
209 SIMMS BLDG. P.O. BOX 1092 PHONE 243-6691 ALBUQUERQUE, NEW MEXICO 87103
FIRST NATIONAL BANK BLDG. EAST ALBUQUERQUE, NEW MEXICO 87108

1 STATE OF NEW MEXICO)
2) SS
3 COUNTY OF BERNALILLO)

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

10 Richard Sturges
11 Court Reporter

22 I do hereby certify that the foregoing is
23 a complete record of the proceedings in
24 the Bernalillo hearing of Case No. 4636
25 heard by me on 12-15-1911.
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. 4636
ORDER NO. R-4232**

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on December 15, 1971, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 17th day of December, 1971, 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 West Sand Dunes-Atoka Gas Pool. Said West Sand Dunes-Atoka Gas Pool was discovered by the El Paso Natural Gas Company Arco State Well No. 1, located in Unit K of Section 16, Township 23 South, Range 31 East, NMPM. It was completed in the Atoka formation on August 8, 1971. The top of the perforations is at 13,880 feet.

(3) That there is need for certain extensions to the South Carlsbad-Morrow Gas Pool, the South Carlsbad-Strawn Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Eagle Creek-San Andres Pool,

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CASE NO. 4636

Order No. R-4232

the Grayburg Jackson Pool, the Grayburg-Morrow Gas Pool, the Malaga-Delaware Pool, the Power Grayburg-San Andres Pool, and the Shugart Pool, all in Eddy County, New Mexico, the North Bagley-Pennsylvanian Pool, the Cerca-Upper Pennsylvanian Pool, the Justis-Blinbry Pool, the North Lynch Yates-Seven Rivers Pool, the Tres Papalotes-Pennsylvanian Pool, and the Weir-Blinbry Pool, all in Lea County, New Mexico, and the North Allison-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 West Sand Dunes-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
Section 16: S/2

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

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 18: SE/4
Section 19: NE/4

(c) 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 9: SE/4

(d) 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 22 SOUTH, RANGE 27 EAST, NMPM
Section 19: S/2

(e) That the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is

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Order No. R-4232

hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 30: S/2

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

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
Section 23: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 2: SW/4
Section 3: S/2

(h) That the Eagle Creek-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 15: S/2 S/2
Section 21: S/2 NE/4 and SW/4
Section 27: S/2 NW/4
Section 28: S/2 NE/4 and NW/4

(i) That the Grayburg Jackson Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 10: S/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 21: S/2
Section 22: NW/4 NE/4, S/2 SW/4, and SW/4 SW/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 12: SE/4

(l) That the North Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 17: SW/4
Section 20: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 24: NW/4 SW/4

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 1: SE/4 NE/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 23: W/2 SW/4

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 28: SW/4
Section 29: S/2

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CASE NO. 4636
Order No. R-4232

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

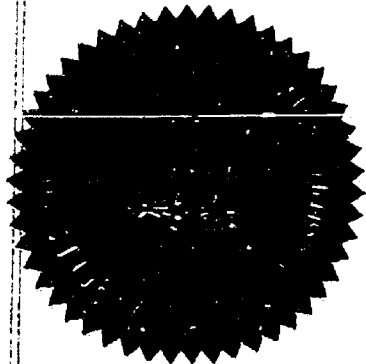
TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 15: SE/4

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 and extensions included herein shall be January 1, 1972.

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



S E A L

dr/

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Bruce King
BRUCE KING, Chairman

Alex J. Armijo
ALEX J. ARMJO, Member

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

Docket No. 28-71

DOCKET: REGULAR HEARING - WEDNESDAY - DECEMBER 15, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE
BUILDING, SANTA FE, NEW MEXICO

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

CASE 4575: (De Novo) (This case, previously continued from its October 13, 1971, hearing, will be continued to the February 16, 1972, regular hearing)

Application of Anadarko Production Company for the amendment of the special pool rules for an existing pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of the special rules and regulations governing the South Eunice-San Andres Pool to provide for the classification of oil and gas wells, spacing and well location requirements, and an allocation formula for withdrawals by oil and gas wells.

Upon application of Anadarko Production Company, this case will be heard De Novo under the provisions of Rule 1220.

CASE 4557: (De Novo) (This case, previously continued from its October 13, 1971, hearing, will be continued to the February 16, 1972, regular hearing)

Application of Continental Oil Company for transfer of allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to transfer allowable across boundaries of the participating area and the leases outside said area, but within the Maljamar Co-operative Area, MCA Unit Area, Maljamar Grayburg-San Andres Pool, Lea County, New Mexico.

Upon application of Continental Oil Company, this case will be heard De Novo under the provisions of Rule 1220.

Regular Hearing - December 15, 1971

Docket No. 28-71

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* * * * *

THE FOLLOWING CASES WILL BE HEARD BEFORE ELVIS A. UTZ, EXAMINER,
OR DANIEL S. NUTTER, ALTERNATE EXAMINER, IN THE OIL CONSERVATION
COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE
BUILDING AT 10 O'CLOCK A.M.

* * * * *

CASE 4625: (Continued from the November 17, 1971, Examiner Hearing)

Application of Texaco Inc. for downhole commingling,
Eddy County, New Mexico. Applicant, in the above-styled
cause, seeks authority to commingle production from the
Paduca-Morrow and Paduca-Wolfcamp Gas Pools in the well-
bore of its Cotton Draw Unit Well No. 65 located in Unit
G of Section 2, Township 25 South, Range 31 East, Eddy
County, New Mexico.

CASE 4633: Application of El Paso Natural Gas Company for the suspension
of certain provisions of Rules 14 (A) and 15 (A) of the
General Rules and Regulations for the prorated gas pools
of Southeastern New Mexico, promulgated by Order No. R-1670,
as amended. Applicant, in the above-styled cause, seeks
suspension for a period of one year from January 1, 1972,
of those provisions of Rules 14 (A) and 15 (A) of the
General Rules and Regulations for the prorated gas pools
of Southeastern New Mexico that provide, respectively,
for the cancellation of unproduced allowable and the shutting-
in of overproduced wells. Applicant seeks said suspension
for the Blinbry, Crosby (Devonian), Eumont, Jalmat, Justis,
Monument (McKee), and Tubb Gas Pools, all in Lea County,

CASE 4634: Application of Texaco Inc. for a waterflood expansion,
Lea County, New Mexico. Applicant, in the above-styled
cause, seeks authority to expand its West Vacuum Unit Water-
flood Project, Vacuum Pool, by the conversion to water
injection of eleven wells located in Sections 28, 33, and
34 of Township 17 South, Range 34 East, and Sections 3 and
4 of Township 18 South, Range 34 East, Lea County, New
Mexico.

CASE 4635: Application of Continental Oil Company for multiple comple-
tion and down-hole commingling, Lea County, New Mexico.
Applicant, in the above-styled cause, seeks authority to
complete its Lockhart A-17 Well No. 4, located in the NE/4
NE/4 of Section 17, Township 21 South, Range 37 East, Lea
County, New Mexico, in such a manner as to produce oil
from the Tubb and Drinkard Pools through a single string
of tubing and oil from the Penrose Skelly (Grayburg) Pool
through a parallel string of tubing.

CASE 4637: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Luttrell Oil Company and all other interested persons to appear and show cause why the following-described wells in New Mexico should not be plugged and abandoned in accordance with a Commission-approved plugging program:

Luttrell Oil Company State Well No. 1 - Unit M,
Section 28, Township 2 South, Range 26 East,
De Baca County;

Luttrell Oil Company Corn Well No. 1 - Unit A,
Section 5, Township 8 South, Range 24 East,
Chaves County.

CASE 4636: Southeastern nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Roosevelt Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the West Sand Dunes-Atoka Gas Pool. The discovery well is the El Paso Natural Gas Company Arco State No. 1 located in Unit K of Section 16, Township 23 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
SECTION 16: S/2

(b) Extend the North Allison-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 18: SE/4
SECTION 19: NE/4

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

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
SECTION 19: S/2

(Case 4636 continued)

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
SECTION 30: S/2

(f) Extend the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 23: All

(g) Extend the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: SW/4
SECTION 3: S/2

(h) Extend the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 15: S/2 S/2
SECTION 21: S/2 NE/4 and SW/4
SECTION 27: S/2 NW/4
SECTION 28: S/2 NE/4 and NW/4

(i) Extend the Grayburg Jackson Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 10: S/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 21: S/2
SECTION 22: NW/4 NE/4, N/2 SW/4, and SW/4 SW/4

(k) Extend the Justis-Blinbry Pool in Lea County, New Mexico, therein:

(Case 4636 continued)

(k) TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 12: SE/4

(l) Extend the North Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
SECTION 17: SW/4
SECTION 20: NW/4

(m) Extend the Malaga-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: NW/4 SW/4

(n) Extend the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 1: SE/4 NE/4

(o) Extend the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 23: W/2 SW/4

(p) Extend the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 28: SW/4
SECTION 29: S/2

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 15: SE/4

NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the WEST SAND DUNES-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 El Paso Natural Gas Company - Arco State #1 located in Unit K Section 16 Township 23 Range 31 and was completed on August 8, 1971. Top of perforations is at 13,880 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.

OCC Staff Ex # 1
(Para A thru Q)
Cz No 4636

CASE 4636: (a) CREATION OF A NEW GAS POOL

COUNTY	Eddy		POOL	West Sand Dunes-Atoka Gas	
TOWNSHIP	23S		RANGE	31E	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: El Paso Natural Gas Co. Arco State #1 in unit K
Sec. 16-23S-31E, completed August 8, 1971, through Atoka perforations
from 13880' to 13890'.

Proposed Pool boundary outlined in green.

Sec. 16: S/2

CASE 4636: (b) EXTENSION OF AN EXISTING OIL POOL

COUNTY	ROOSEVELT	POOL	NORTH ALLISON-SAN ANDRES		
TOWNSHIP	8 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.

VAUGHN PETROLEUM, INC. - John R. Matthews #1 in Unit O of Section 18-8-37.
Completed in San Andres on May 28, 1971. Top of Perforations 4858'.

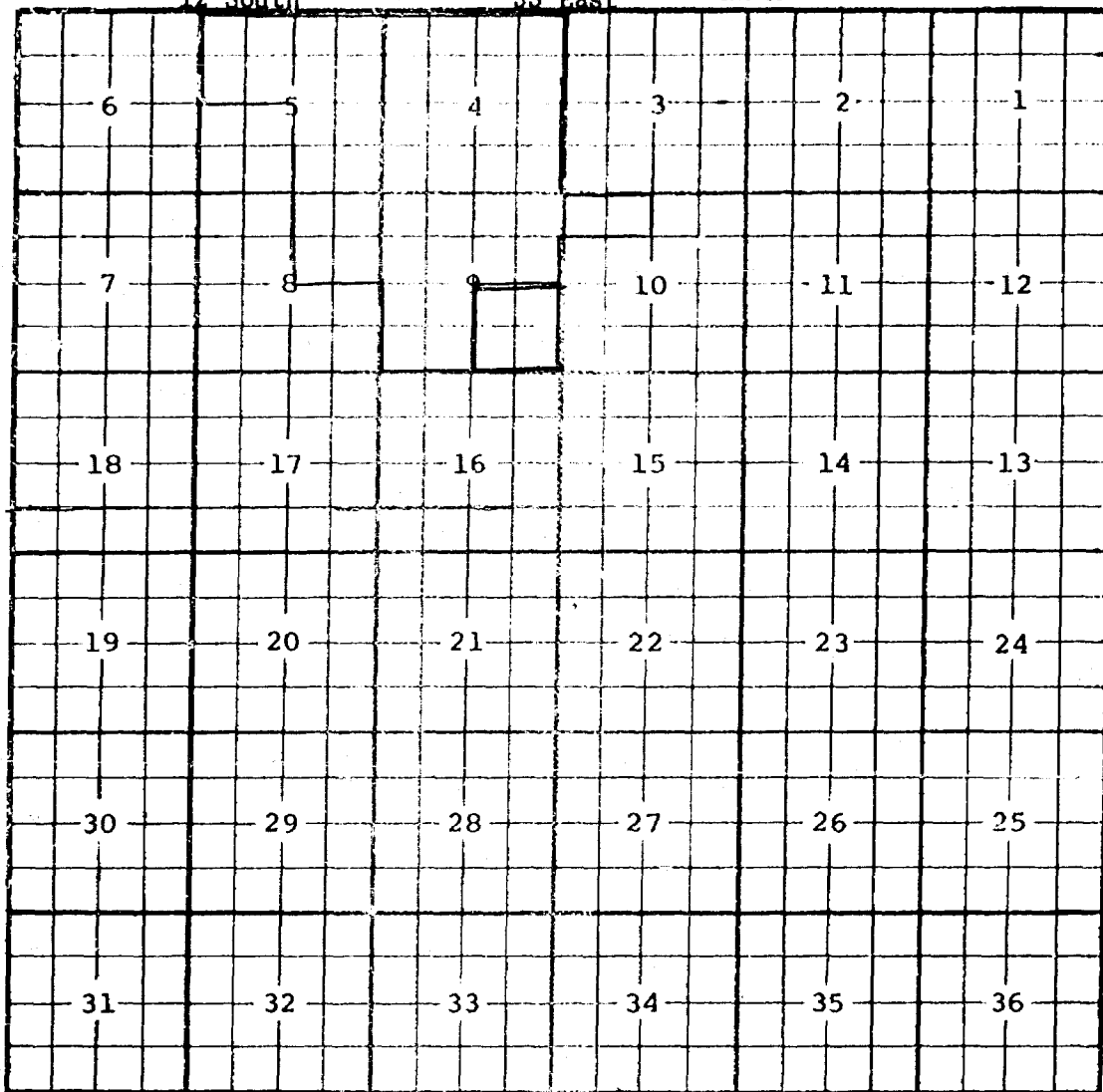
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 18: SE/4
SECTION 19: NE/4

CASE 4636: (c) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN

TOWNSHIP 12 South RANGE 33 East NMFM



PURPOSE: One completed oil well capable of producing.

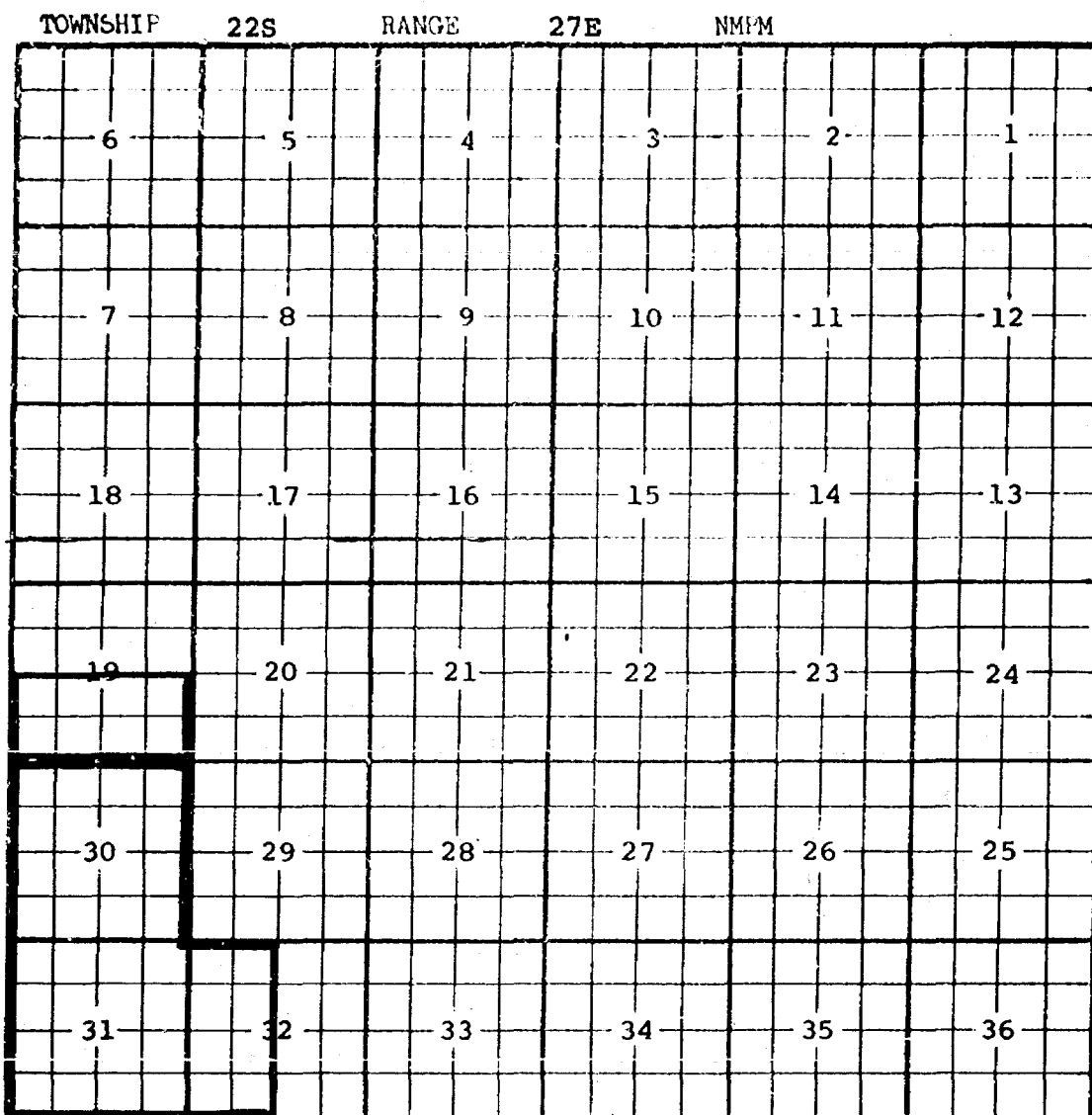
MGF OIL CORPORATION - Stan #1 in Unit I of Section 9-12-33. Completed in Dallas on October 16, 1971. Top of Perforations 9502'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 9: SE/4

CASE 4636: (d) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL South Carlsbad-Morrow-Gas



Purpose: One completed Gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.
Cities Service Oil Co.	Merland "A" Com	1-0	19-22-27	10/4/71	Morrow

TOP
11381'

Pool boundary outlined in red.
Proposed extension outlined in green.
Sec. 19: S/2;

CASE 4636: (e) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL South Carlsbad-Strawn-Gas

TOWNSHIP 22S

RANGE

27E

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
Cities Service Oil Co.	Spencer A	1-0	30-22-27	7/31/71	Strawn	10413'

Pool boundary outlined in red.

Proposed extension outlined in green

Sec. 30: S/2;

CASE 4636: (f) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy		POOL	Catclaw Draw-Morrow Gas		
TOWNSHIP	21S	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.

Operator	Lease	# Ut.	S.T.R.	Comp.
Hanagan Petr.Corp.	Catclaw Draw Unit	2-G	23-21-25	10/25/71

Form. TOP
Morrow 10396'

Pool boundary outlined in red.

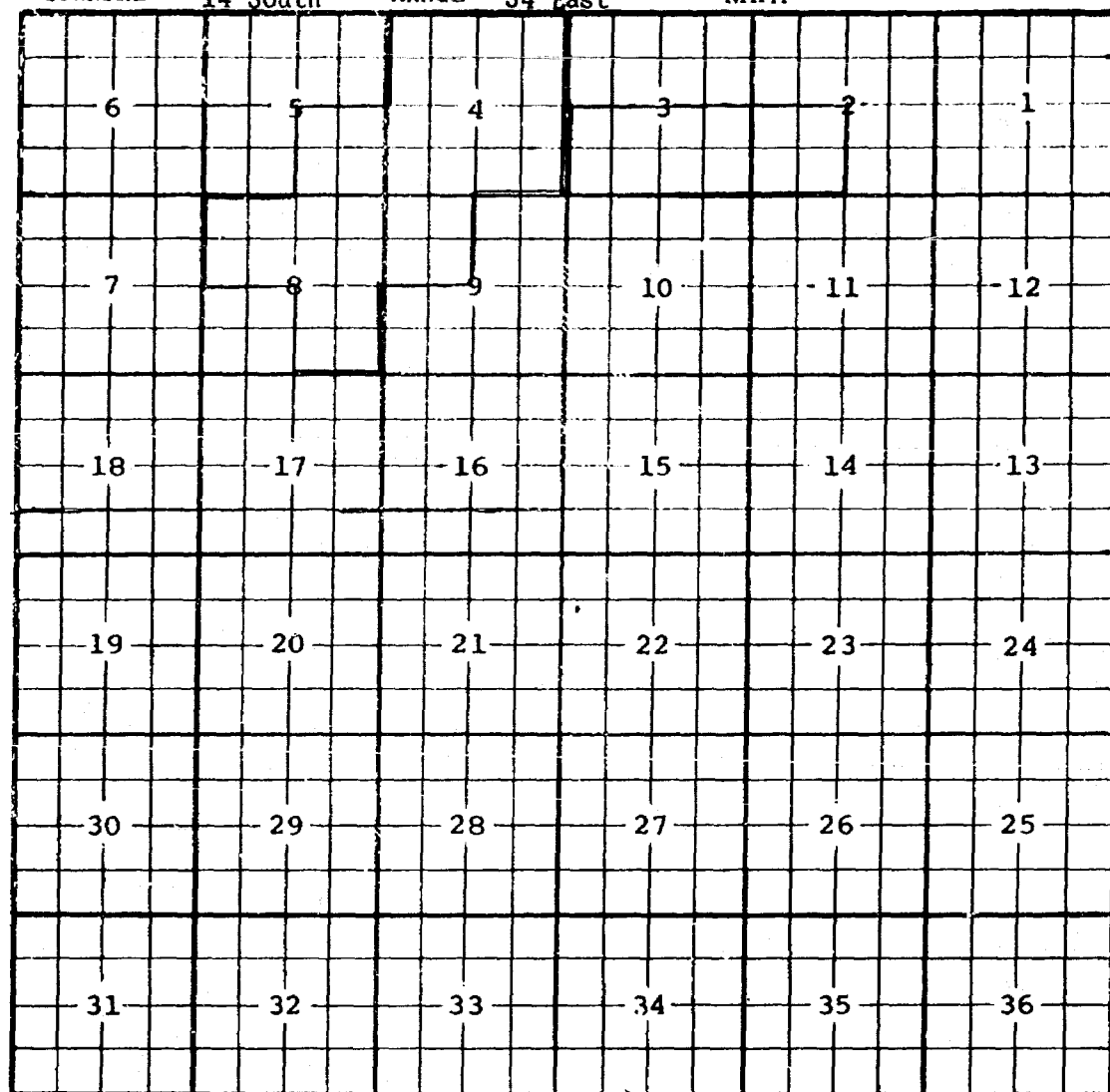
Proposed extension outlined in green.

Sec. 23: ALL

CASE 4636: (g) EXTENSION OF AN EXISTING OIL POOL

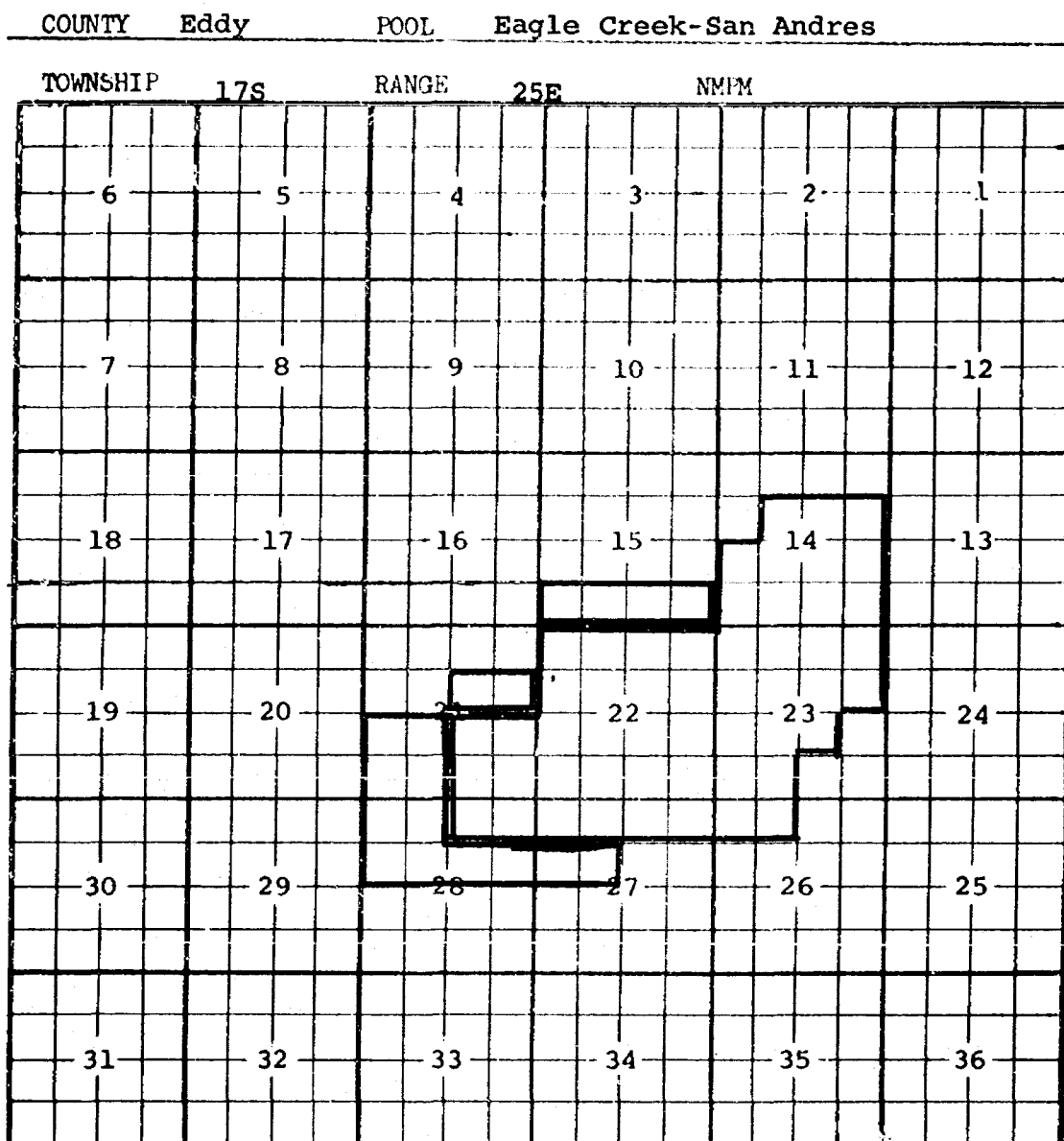
COUNTY LEA POOL CERCA-UPPER PENNSYLVANIAN

TOWNSHIP 14 South RANGE 34 East NMFM



PURPOSE: One completed oil well capable of producing.
 THE SUPERIOR OIL COMPANY - State "H" #1 in Unit M of Section 2-14-34.
 Completed in Upper Pennsylvanian "A" Zone on March 5, 1971. Top of Perforations 10,500'.
 Pool boundary colored in red.
 Proposed pool extensions colored in green. SECTION 2: SW/4
 SECTION 3: S/2

CASE 4636: (h) EXTENSION OF AN EXISTING OIL POOL



Purpose: Eight completed oil wells capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Yates Petr. Corp.	Federal CB	1-N	15-17-25	9/1/71	SA	1302
"	Federal BZ	6-N	21-17-25	10/6/71	SA	1286
"	"	7-G	28-17-25	10/4/71	SA	1278
"	"	8-H	"	10/10/71	SA	1298
"	Federal CD	1-C	"	10/15/71	SA	1295
"	"	2-F	"	10/11/71	SA	1259
"	Federal LDY	3-F	27-17-25	9/17/71	SA	1291
"	Jack Est. BY	5-H	21-17-25	10/7/71	SA	1299

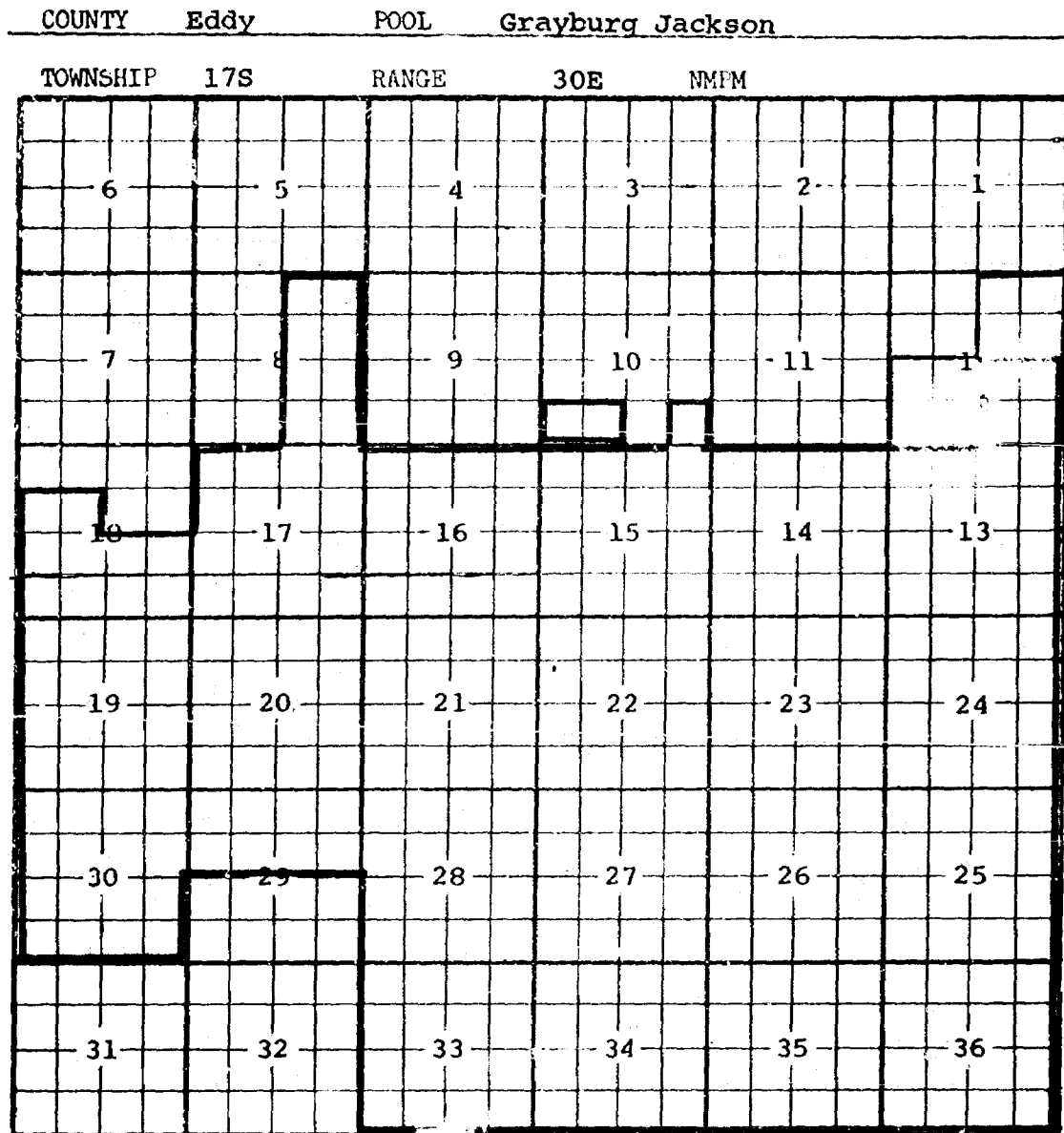
Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 15: S/2 S/2, Sec. 21: S/2 NE/4 & SW/4

Sec. 27: S/2 NW/4, Sec. 28: S/2 NE/4 & NW/4

CASE 4636: (i) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed oil well capable of producing.

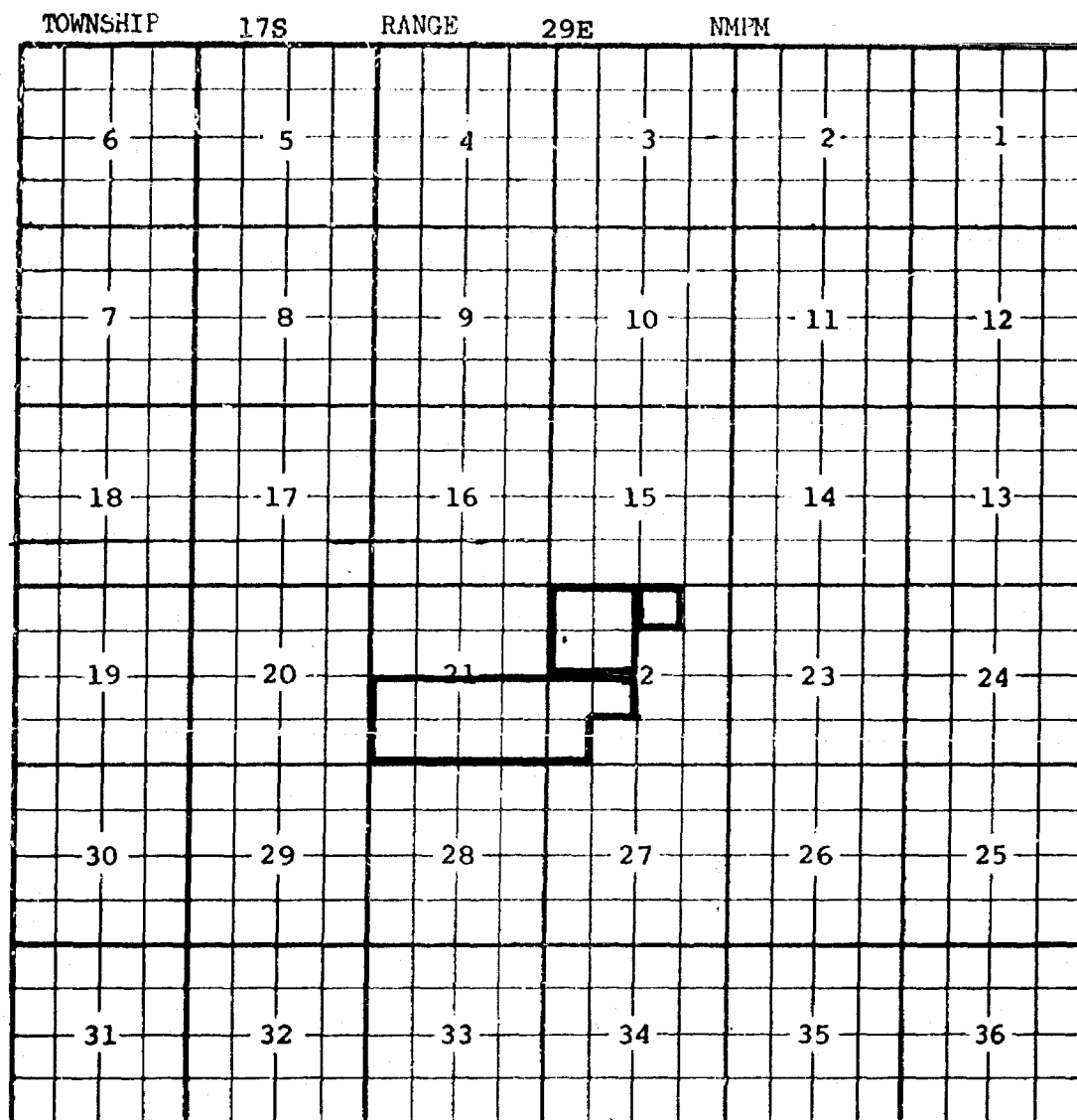
Operator	Lease	# Ut.	S.T.R.	Comp.	Form	TOP
Anadarko Prod.Co.	Loco Hills A Fed.	1-M	10-17-30	8/20/71	SA	3078

Pool boundary outlined in red.

Proposed extension outlined in green.
Sec. 10: S/2 SW/4;

CASE 4636: (j) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Grayburg-Morrow-Gas



Purpose: One completed Gas well capable of producing and to include all dedicated acreage in the pool.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.
Mana Resources, Inc.	State 21 Com	1-P	21-17-29	1/15/71	Morrow
TOP					
10748					

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 21: S/2

Sec. 22: NW/4 NE/4, N/2 SW/4 & SW/4 SW/4;

COUNTY LEA POOL JUSTIS-BLINEBRY

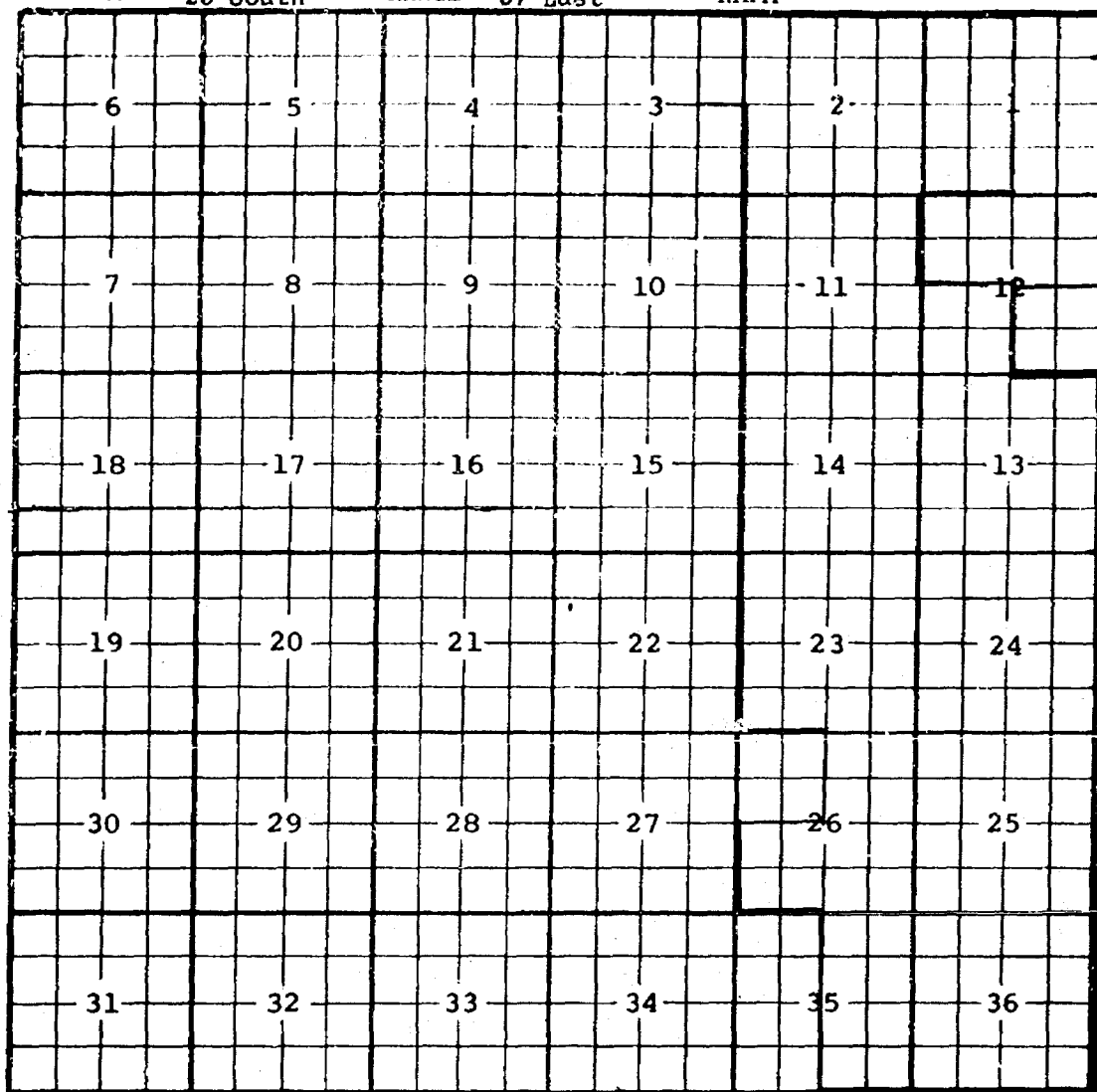
COUNTY LEA

POOL JUSTIS-BLINEBRY

TOWNSHIP 25 South

RANGE 37 East

NMPM



TEXAS PACIFIC OIL COMPANY - Eaton S.E. #12 in Unit O of Section 12-25-37.

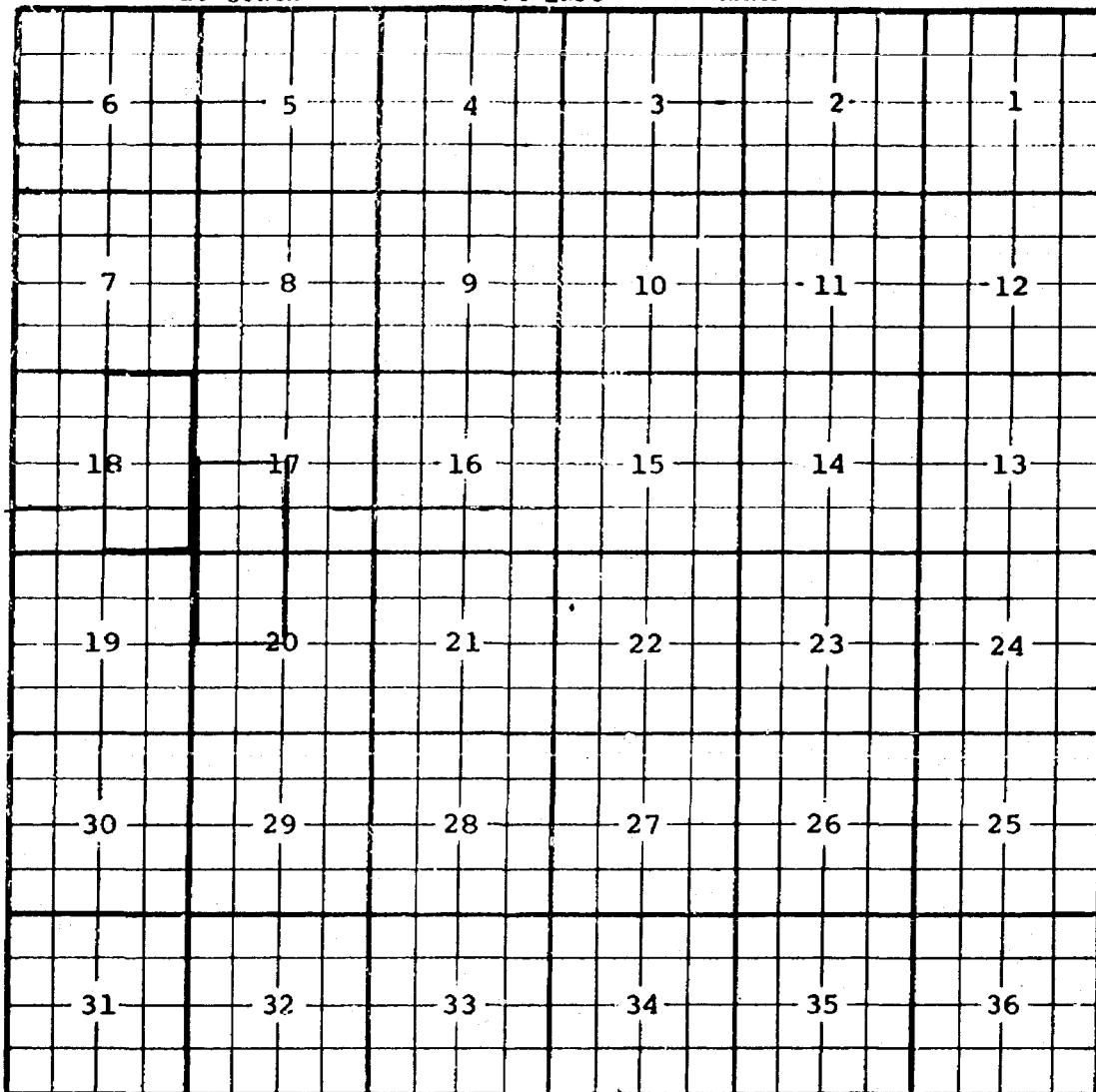
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 12: SE/4

CASE 4636: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH LYNCH YATES-SEVEN RIVERS

TOWNSHIP 20 South RANGE 34 East NMPM



PURPOSE: One completed oil well capable of producing.

WALLEN PRODUCTION COMPANY - Wallen Federal #1 in Unit D of Section 20-20-

34. Completed in Yates on October 1, 1971. Top of Perforations 3557'.

Pool boundary colored in red.

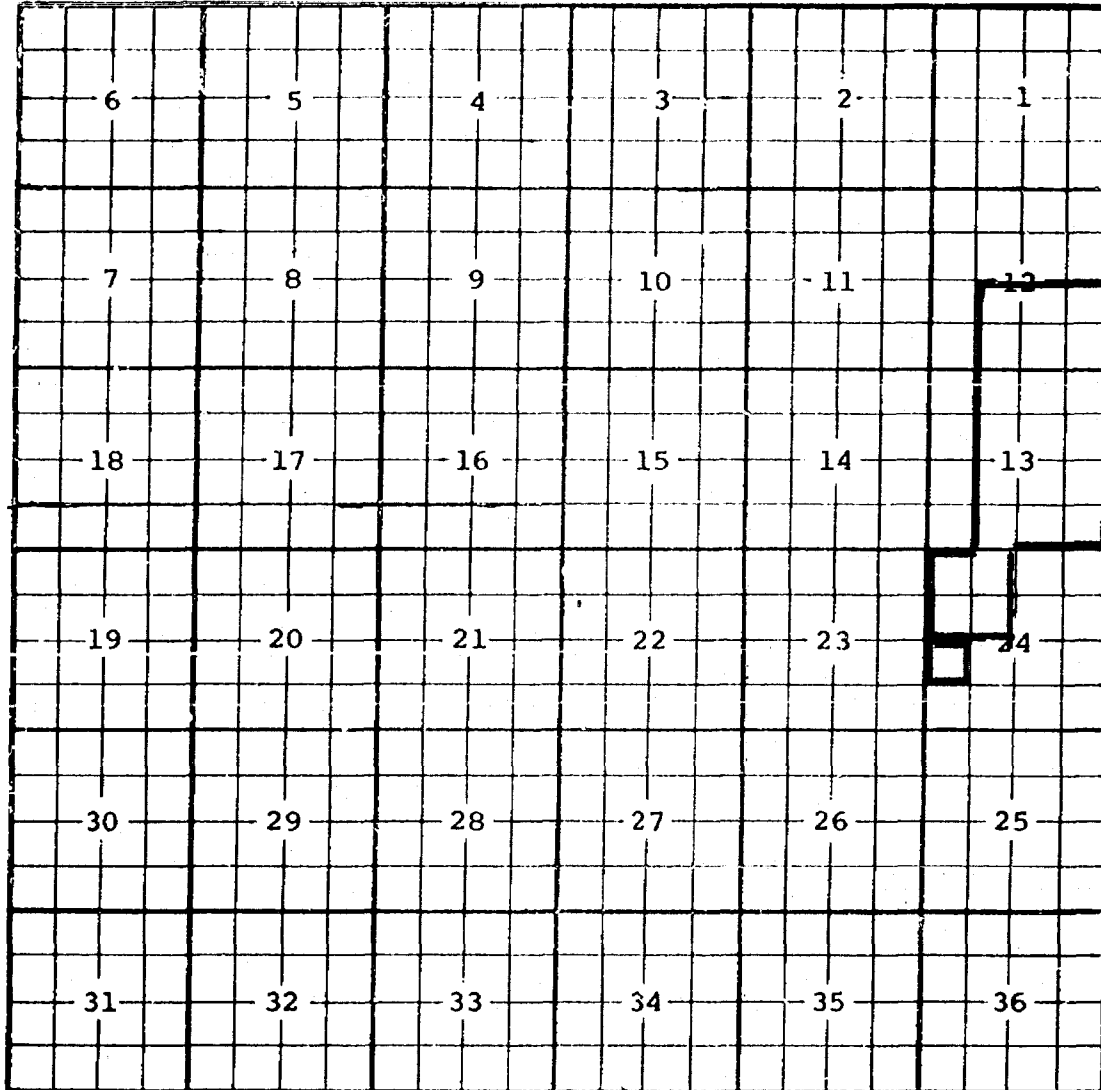
Proposed pool extensions colored in green. SECTION 17: SW/4

SECTION 20: NW/4

CASE 4636: (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Malaga Delaware

TOWNSHIP 24S RANGE 28E NMPM



Purpose: One completed water injection well.

Operator	Lease	# Ut.	S.T.R.	Form.	TOP
V.H. Westbrook	Guy A. Reid	2-L	24-24-28	Delaware	2681

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 24: NW/4 SW/4;

CASE 4636: (n) EXTENSION OF AN EXISTING OIL POOL

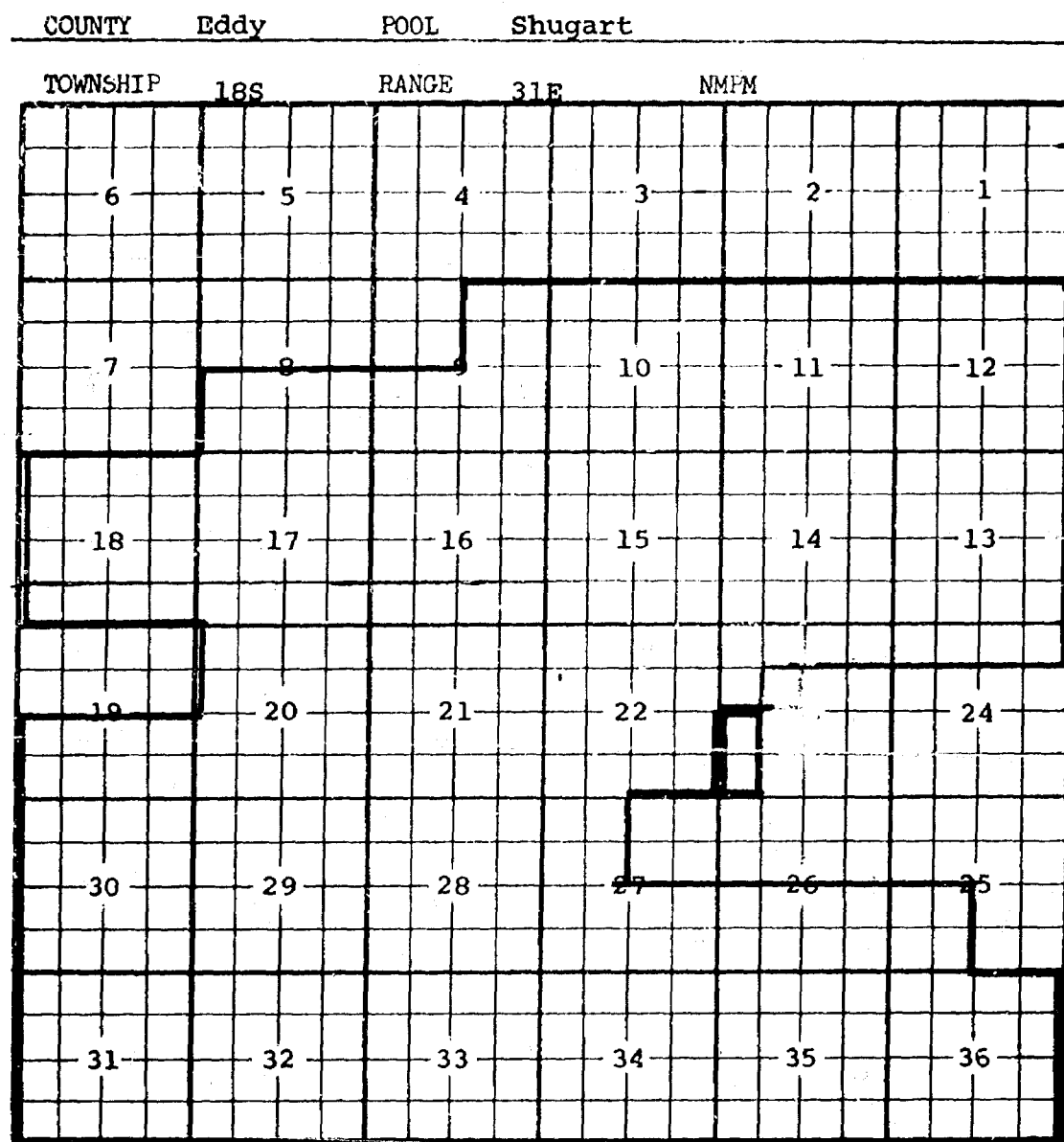
COUNTY	Eddy	POOL	Power Grayburg-San Andres
TOWNSHIP	18S	RANGE	30E NMPM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

Purpose: One completed oil well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
The Eastland Oil Co.	Sibyl Fed.	2-H	1-18-30	10/6/71	Grayburg	3302

Pool boundary outlined in red.
 Proposed extension outlined in green.
 Sec. 1: SE/4 NE/4;

CASE 4636: (o) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed oil well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Westall-Mask	Keohane Fed.	#1-L	23-18-31	10/3/71	Queen	3321

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 23: W/2 SW/4;

CASE 4636: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL TRES PAPALOTES-PENNSYLVANIAN

TOWNSHIP 14 South RANGE 34 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.

MARY PRODUCTION COMPANY - John Etcheverry, Jr. #1 in Unit L of Section 29-14-34. Completed in Permo Pennsylvanian on October 8, 1971. Top of Perforations 10,400'.

Pool boundary colored in red.

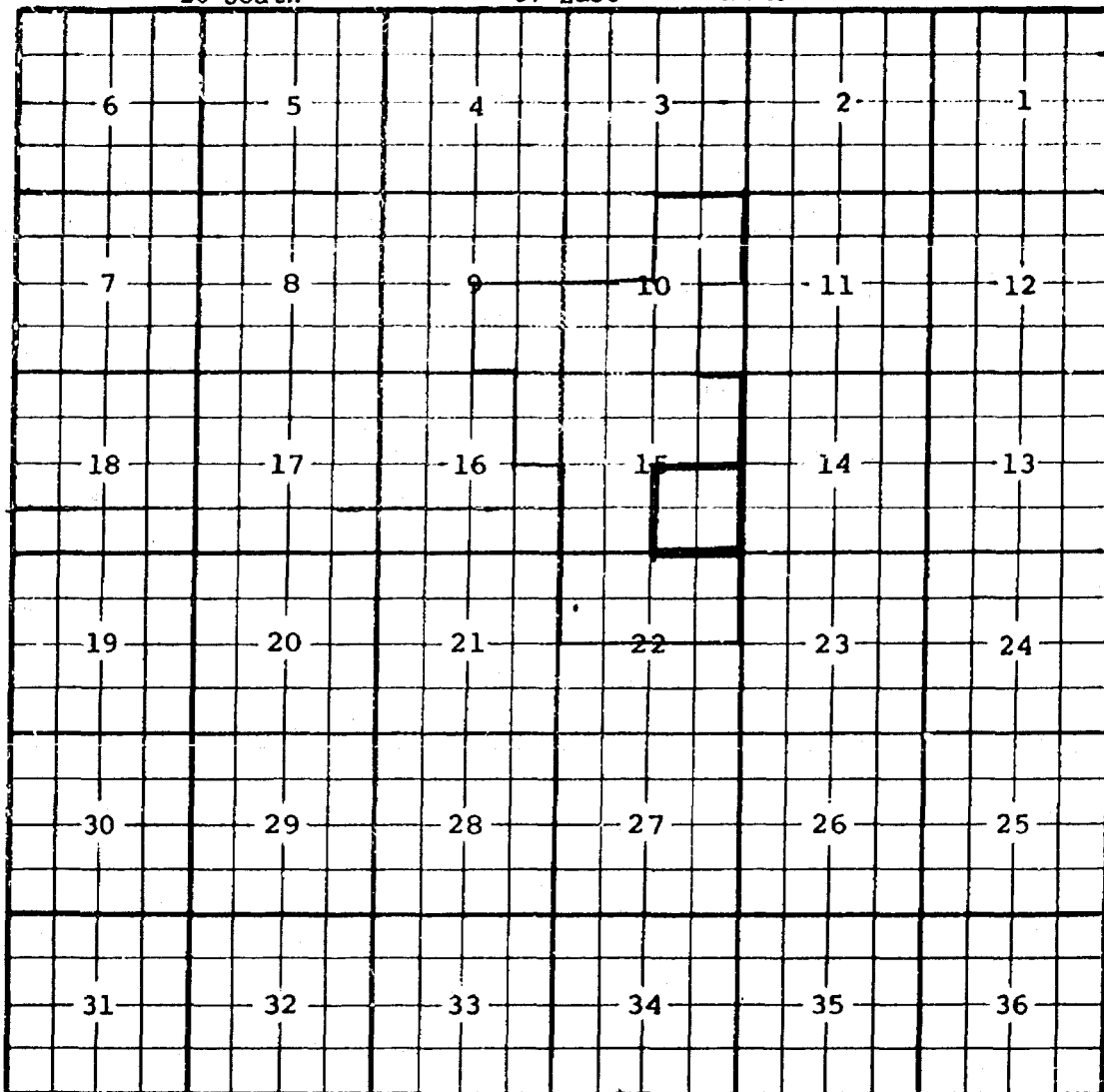
Proposed pool extensions colored in green. SECTION 28: SW/4

SECTION 29: S/2

CASE 4636: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL WEIR-BLINEBRY

TOWNSHIP 20 South RANGE 37 East NMFM



PURPOSE: One completed gas well capable of producing in an oil pool.

CONTINENTAL OIL COMPANY - Semu Britt #61 in Unit P of Section 15-20-37.

Completed in Blinebry on August 7, 1971. Top of Perforations 5654'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 15: SE/4

NOMENCLATURE ADVERTISEMENT FOR DECEMBER, 1971

CASE 4636 8/11

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 a new pool in Eddy County, New Mexico, and the extension of certain existing pools in Eddy, 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 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 West Sand Dunes-Atoka Gas Pool. The discovery well is ^{the} El Paso Natural Gas Company, Arco State No. 1 located in Unit K of Section 16, Township 23 South, Range 31 East, NMPM. Said pool ~~described as would comprise:~~

✓ TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
SECTION 16: S/2

b) EXTEND the North Allison-San Andres Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 18: SE/4
SECTION 19: NE/4

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

✓ TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

d) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
SECTION 19: S/2 ✓

e) EXTEND the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
SECTION 30: S/2 ✓

f) EXTEND the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 23: All ✓

g) EXTEND the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: SW/4
SECTION 3: S/2

#1 / *Atoka*

December, 1971 Nomenclature

h) EXTEND the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 15: S/2 S/2
✓ SECTION 21: S/2 NE/4 and SW/4 ✓
SECTION 27: S/2 NW/4
SECTION 28: S/2 NE/4 and NW/4

i) EXTEND the Grayburg Jackson Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM ✓
SECTION 10: S/2 SW/4

j) EXTEND the Grayburg-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM ✓
SECTION 21: S/2
SECTION 22: NW/4 NE/4, N/2 SW/4, and SW/4 SW/4

k) EXTEND the Justis-Blinbry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM ✓
SECTION 12: SE/4

l) EXTEND the North Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM ✓
SECTION 17: SW/4
SECTION 20: NW/4

m) EXTEND the Malaga-Delaware Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM ✓
SECTION 24: NW/4 SW/4

n) EXTEND the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM ✓
SECTION 1: SE/4 NE/4

o) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM ✓
SECTION 23: W/2 SW/4

-3-

December, 1971 Nomenclature

p) EXTEND the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM ✓

SECTION 28: SW/4

SECTION 29: S/2

q) EXTEND the Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM ✓

SECTION 15: SE/4