

Case Number
4542

Application

Transcripts

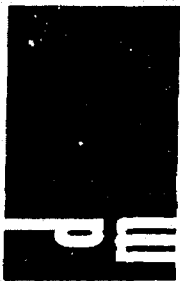
Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6491 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
May 19, 1971

EXAMINER HEARING

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)
the following pool.)

Case No. 4542

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

1 MR. NUTTER: We'll call Case No. 4542.

2 MR. HATCH: Case 4542, in the matter of the
3 application of the Oil Conservation Commission of New Mexico
4 upon its own motion for an order for the creation of the
5 following pool.

6 (Witness sworn.)

7 (Whereupon, Exhibit A was marked for identification.)

8 R. L. STAMETS,

9 having been first duly sworn, testified as follows:

10 DIRECT EXAMINATION

11 BY MR. HATCH:

12 Q Will you state your name and position for the record?

13 A R. L. Stamets, technical support chief, Oil Conservation
14 Commission, from Santa Fe.

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

18 A I am.

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

21 A They are.

22 Q Would you identify the exhibit, please?

23 A This is an exhibit with sub-paragraphs A through J.

24 Q A through J?

25 MR. HATCH: Mr. Examiner, the docket did not get

dearnley-meier reporting service,

1 this printed, but --

2 MR. NUTTER: We will have to go through each and
3 identify each one.

4 MR. HATCH: -- we will have to go through each one
5 individually and give descriptions.

6 Q (By Mr. Hatch) All right. Would you please refer to
7 Exhibit 1 and present to the Examiner your recommendations
8 as to each creation and to each extension?

9 A Okay. Under (A) is recommended that a new oil pool be
10 created and designated as the West Warren-Blinebry Pool,
11 vertical limits to be Blinebry Formation and horizontal
12 limits to be Township 20 South, Range 38 East, Section
13 19, southeast quarter.

14 The discovery well is Continental Oil Company Semu
15 Permian No. 21 located in Unit O of Section 19, Township
16 20 South, Range 38 East, was completed October 23, 1969,
17 with top perforations at 5833 feet.

18 Under (B) extend the Atoka-San Andres Pool in Eddy
19 County, to include therein Township 18 South, Range 26
20 East, Section 13, northwest quarter southeast quarter;
21 Section 24, northwest quarter northwest quarter.

22 (C) Extend the Buffalo Valley-Pennsylvanian Gas
23 Pool, Chaves County, to include Township 15 South, Range
24 28 East, Section 6, east half.

25 (D) Extend the South Carlsbad-Morrow Gas Pool,

1 Eddy County, to include Township 23 South, Range 26
2 East, Section 12, south half.

3 (E) Extend the South Corbin-Morrow Gas Pool in
4 Lea County, New Mexico, to include Township 18 South,
5 Range 33 East, Section 32, north half.

6 (F) Extend the Eagle Creek-San Andres Pool, Eddy
7 County, New Mexico, to include Township 17 South, Range
8 25 East, Section 14, southwest quarter northeast quarter.

9 (G) Extend the Maljamar Grayburg-San Andres Pool,
10 Lea County, New Mexico, to include 16 South, Range 32
11 East, Section 33, south half; Section 34, southwest
12 quarter.

13 (H) Extend the Vacuum-Abo Reef Pool, Lea County,
14 New Mexico, to include therein Township 17 South, Range
15 36 East, Section 19, north half, northwest quarter.

16 (I) Extend the Vada-Pennsylvanian Pool in Lea
17 County, New Mexico, to include therein Township 9 South,
18 Range 34 East, Section 1, west half; Section 2, northeast
19 quarter; Section 3, northwest quarter; Section 4, east
20 half; Section 9, northeast quarter.

21 (J) Extend the Warren-Drinkard Pool in Lea County,
22 New Mexico to include Township 20 South, Range 38 East,
23 Section 20, southwest quarter; Section 29, north half.

24 Q Do you have anything further to add to your testimony?

25 A No.

1 Q Was Exhibit 1 prepared by a member of the Commission
2 staff?

3 A Yes, it was.

4 MR. HATCH: I would like to have Exhibit 1 admitted.

5 MR. NUTTER: Exhibit 1 in Case No. 4542 will be
6 admitted in evidence.

7 Is there anything anyone has to offer in Case No.
8 4542? If not, the witness may be excused and we will take
9 the case under advisement. Hearing is adjourned.
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1	<u>I N D E X</u>	
2	<u>WITNESS</u>	<u>PAGE</u>
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1 STATE OF NEW MEXICO)
2) ss
3 COUNTY OF BERNALILLO)

4 I, SYLVIA AMARO, Court Reporter in and for the County
5 of Bernalillo, State of New Mexico, do hereby certify that
6 the foregoing and attached Transcript of Hearing before the
7 New Mexico Oil Conservation Commission was reported by me;
8 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 Sylvia Amaro
11 Court 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 case of 4542
25 1/19 12/71
Yours, 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. 4542
Order No. R-4146

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on May 19, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 24th day of May, 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 oil pool in Lea County, New Mexico, for the production of oil from the Blinebry formation, said pool to bear the designation of West Warren-Blinebry Pool. Said West Warren-Blinebry Pool was discovered by the Continental Oil Company Semu Permian Well No. 21, located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. It was completed in the Blinebry formation on October 23, 1969. The top of the perforations is at 5833 feet.

(3) That there is need for certain extensions to the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, the Atoka-San Andres Pool, the South Carlsbad-Morrow Gas Pool, and the Eagle Creek-San Andres Pool, all in Eddy County,

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CASE NO. 4542

Order No. R-4146

(f) 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 14: SW/4 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: S/2
SECTION 34: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: N/2 NW/4

(i) 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 1: W/2
SECTION 2: NE/4
SECTION 3: NW/4
SECTION 4: E/2
SECTION 9: NE/4

(j) That the Warren-Drinkard 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 20: SW/4
SECTION 29: N/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

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CASE NO. 4542

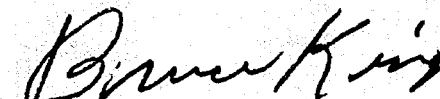
Order No. R-4146

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.

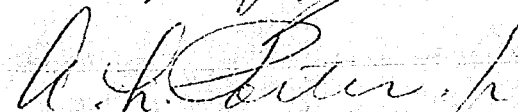
(2) That the effective date of this order and all creations and extensions included herein shall be June 1, 1971.

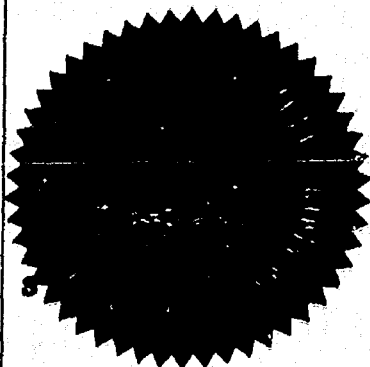
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


BRUCE KING, Chairman


ALEX J. ARMILLO, Member


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



dr/

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 19, 1971

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

The following cases will be heard before Daniel S. Nutter, Examiner or
Elvis A. Utz, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for June, 1971, 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, 1971;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for June, 1971.

CASE 4352 (Reopened): (Continued from April 14 and April 28, 1971 Examiner Hearings)

In the matter of Case 4352 being reopened by the Oil Conservation Commission upon its own motion to give all interested persons an opportunity to appear and present evidence to whether the Double L-Queen and Suble-Queen Pools, Chaves County, New Mexico, are in fact separate reservoirs or one common reservoir. Further, in the event it is found that the two pools comprise one common reservoir, the Commission will consider the adoption of special rules and regulations to provide for the classification of oil and gas wells, spacing and well location requirements for oil and gas wells, and an allocation formula for withdrawals from the gas wells and oil wells.

CASE 4535:

(Continued from the April 28, 1971 Examiner Hearing)

Application of Continental Oil Company for down-hole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Monument-Tubb and Weir Drinkard oil production in the well-bore of its SEMU Well No. 70, located in Unit I of Section 15, Township 20 South, Range 37 East, Lea County, New Mexico.

CASE 4536:

Application of Eastland Oil Company for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, to dispose into unlined surface pits water produced by three wells in the Power Grayburg-San Andres Pool, Eddy County, New Mexico, as follows:

(Case 4536 continued)

TOWNSHIP 17 SOUTH, RANGE 31 EASTAllied State Well No. 1 - SW/4 SW/4
Section 32TOWNSHIP 18 SOUTH, RANGE 31 EASTKenwood Federal Well No. 1 - NE/4 NW/4
Section 6
Kenwood Federal Well No. 3 - NW/4 NW/4
Section 6

CASE 4537: Application of Union Oil Company of California for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt into the Devonian formation in the perforated interval from 11,680 feet to 11,690 feet in its South Vacuum Unit Well No. 2-35 located in Unit I of Section 35, Township 18 South, Range 35 East, South Vacuum-Devonian Pool, Lea County, New Mexico.

CASE 4538: Application of Jack F. Grimm Oil Company for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 C I of the Commission Rules and Regulations to drill a well at an unorthodox location 880 feet from the South line and 1500 feet from the West line of Section 20, Township 11 South, Range 29 East, White Ranch Siluro-Devonian Pool, Chaves County, New Mexico.

CASE 4539: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Doanbuy Lease & Company, Inc., and all other interested persons to appear and show cause why its following described wells in Section 27, Township 14 South, Range 33 East, Saunders Pool, Lea County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program:

Atlantic State AC - 1	Well No. 1	Unit N
Atlantic State AC - 2	Well No. 2	Unit M
Atlantic State AC - 2	Well No. 3	Unit O
Atlantic State AC - 3	Well No. 4	Unit L
Atlantic State AC - 3	Well No. 5	Unit J
Atlantic State AC - 4	Well No. 6	Unit P
Atlantic State AC - 4	Well No. 7	Unit I

CASE 4540: Application of Mountain States Petroleum Corporation for re-delineation of certain pools, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the contraction of the Atoka-Pennsylvanian Gas Pool by the deletion of the W/2 of Section 19, Township 18 South, Range 26 East, Eddy County, New Mexico, and the extension of the West Atoka-Morrow Gas Pool to include the W/2 of Sections 18 and 19, said Township and Range.

CASE 4541: Application of Tenneco Oil Company for gas injection, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to inject casinghead gas produced by certain wells located in the Lone Pine-Dakota "D" Pool, McKinley County, New Mexico, into the Dakota A zone through perforations from 2547 feet to 2562 feet in its Santa Fe Pacific Railroad Well No. 2 located in the NW/4 SW/4 of Section 13, Township 17 North, Range 9 West, South Hospah Field. The gas is to be injected for storage purposes awaiting the institution of a pressure maintenance project in the Lone Pine-Dakota "D" Pool.

CASE 4542: 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 the following pool:

West Warren-Blinebry Pool in
Township 20 South, Range 38
East, Lea County;

and for the extension of the following pools in Lea County;

South Corbin-Morrow Gas Pool
Maljamar Grayburg-San Andres Pool
Vacuum-Abo Reef Pool
Warren-Drinkard Pool
Vada-Pennsylvanian Pool

and for the extension of the following pools in Eddy County:

Atoka-San Andres Pool
South Carlsbad-Morrow Gas Pool
Eagle Creek-San Andres Pool

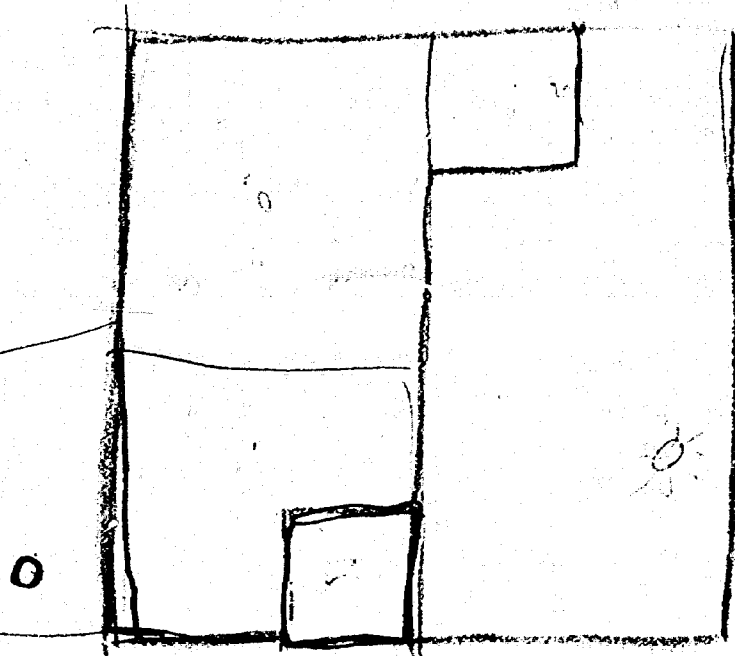
and for the extension of the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County.

Memo

From

R. L. Stamets, Geologist and
Deputy Oil & Gas Inspector

To



CASE 4542: Southeastern New Mexico nomenclature case calling for the creation of a new pool and the extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the West Warren-Blinebry Pool. The discovery well is the Continental Oil Company Semu Permian No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 19: SE/4

(b) Extend the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
SECTION 13: NE/4 SE/4
ADDITION-----SECTION 24: NW/4 NW/4

(c) Extend the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: E/2

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

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
SECTION 12: S/2

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 32: N/2

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

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 14: SW/4 NE/4

(g) Extend the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: S/2
SECTION 34: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: N/2 NW/4

(i) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 1: W/2
SECTION 2: NE/4
ADDITIONS-----SECTION 3: NW/4
SECTION 4: E/2
SECTION 9: NE/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 20: SW/4
SECTION 29: N/2

NEW POOLS

a) It is recommended that a new oil pool be created and designated as the WEST WARREN-BLINEBRY Pool.

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

Discovery well was Continental Oil Company - Semu Permian #21 located in Unit 0 Section 19 Township 20 Range 38 and was completed on October 23, 1969. Top of perforations is at 5833 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.

CASE 4542; (a) CREATION OF A NEW OIL POOL

COUNTY		LEA		RANGE		TOWNSHIP		SECTION	
				38 East		20 South		WEST WARREN-BLINEBRY	
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				

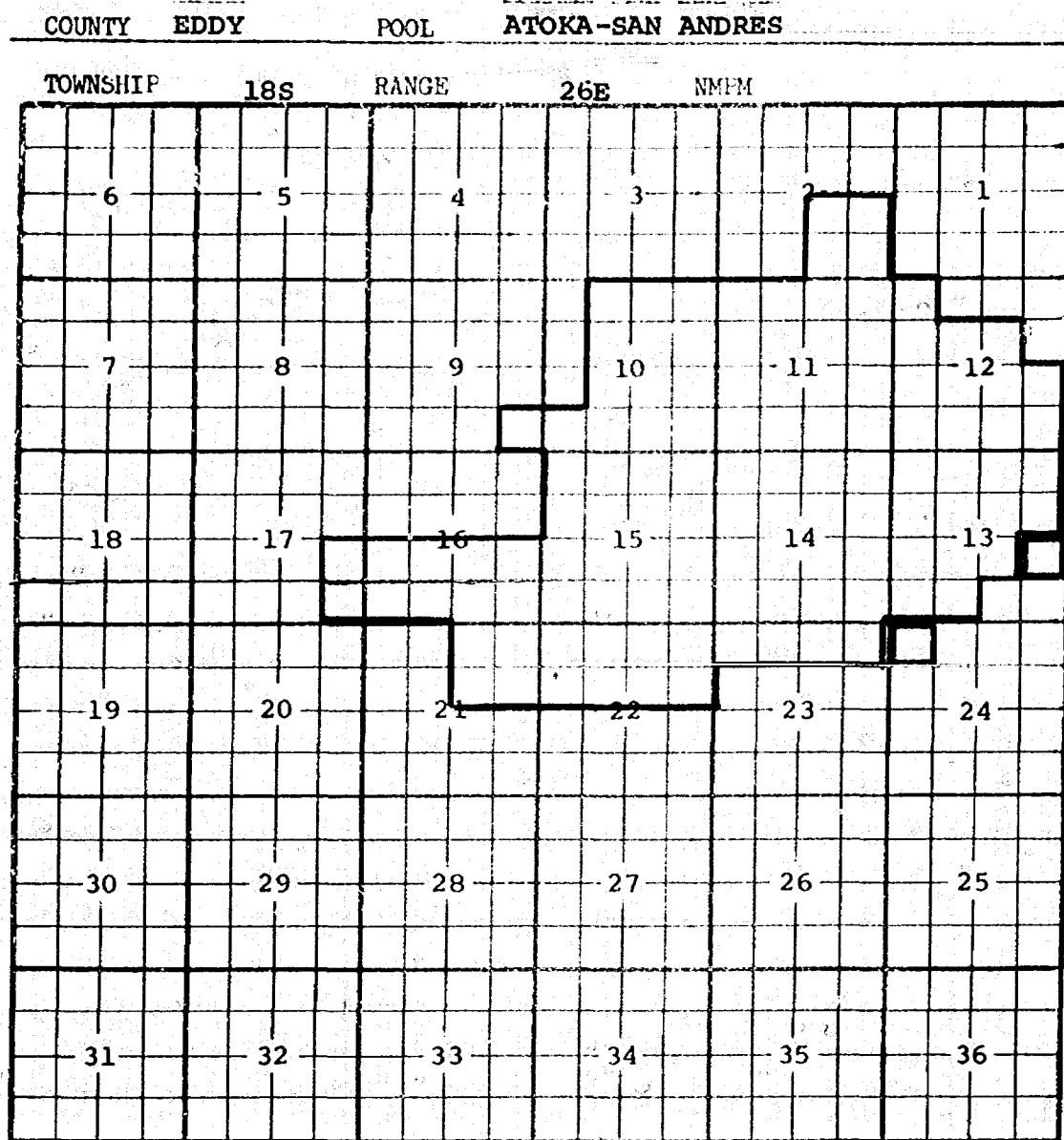
PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - Semu Permian #21 in Unit 0 of Section 19-20-38.

Completed in Blinebry on October 23, 1969. Top of Perforations 5833'.

Proposed pool boundary colored in red. SECTION 19: SE/4

CASE 4542: (b) EXTENSION OF AN EXISTING OIL POOL



Purpose: Two completed oil wells capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	FM	TOP
Kewanee Oil Co.	Jones D	2-I	13-18-26	2-21-71	San Andres	1734'

ADDITION

Bill Jones Oil Co.	Fair	1-D	24-18-26	3-29-71	San Andres	1752'
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Pool boundary colored in red.

Proposed extension colored in green: Section 13: NE/4 SE/4
Addition Section 24: NW/4 NW/4

CASE 4542: (c) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Chaves	POOL	Buffalo-Valley-Pennsylvanian Gas
TOWNSHIP	15S	RANGE	28E NMFM
	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.	FM	TOP
Midwest Oil Corp.	State V Com	1-0	6-15-30	2-24-71	Penn	8459"

Pool boundary colored in red.

Proposed extension colored in green. Section 6: E/2

CASE 4542: (d) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy		POOL	South Carlsbad-Morrow-Gas	
TOWNSHIP	23S		RANGE	26E NMFM	
6	5	4	3	2	
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.	FM	TOP
Pennzoil United Inc.	Echols Com	1-J	12-23-26	2-24-71	Morrow	11499'

Pool boundary colored in red.

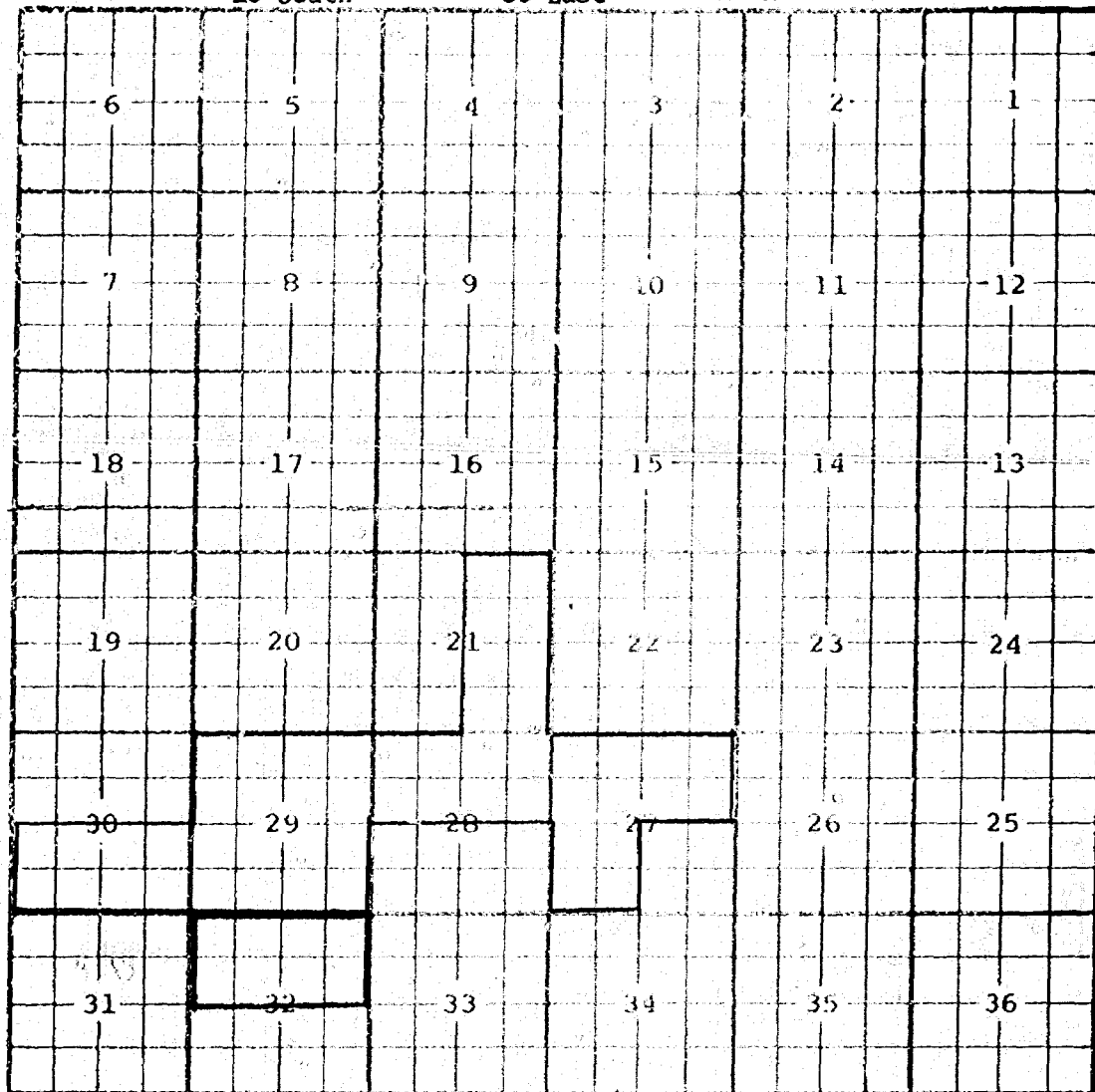
Proposed extension colored in green.

Section 12: S/2

CASE 4542: (e) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH CORBIN-MORROW GAS

TOWNSHIP 18 South RANGE 33 East



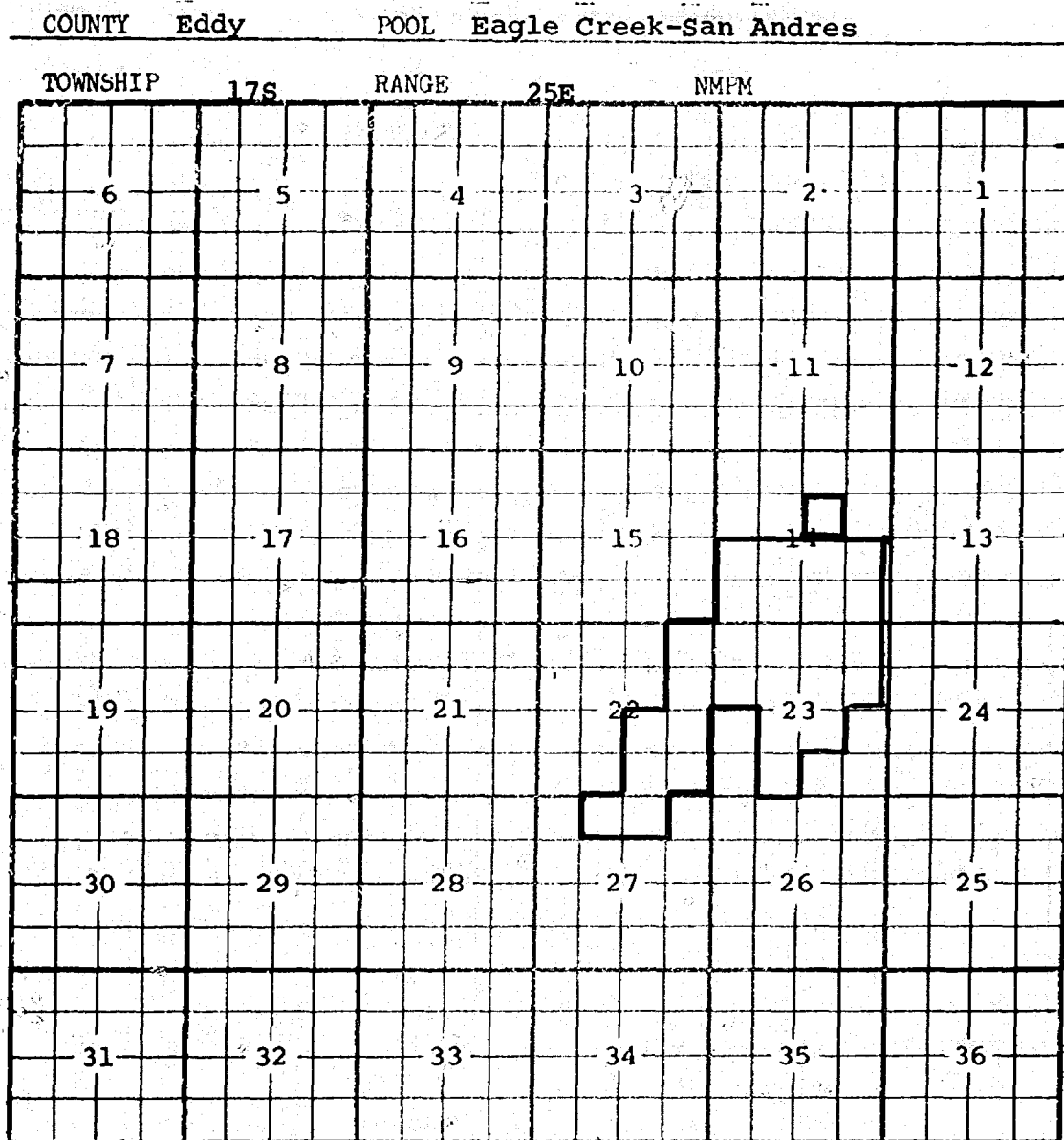
PURPOSE: One completed gas well capable of producing.

SOUTHWESTERN NATURAL GAS, INC. - Atlantic "32" State #1 in Unit C of Section 32-18-33. Completed in Morrow on March 30, 1970. Top of Perforations 13,116'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 32: N/2

CASE 4542: (f) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed oil well capable of producing.

Operator	Lease	#Ut.	S.T.R.	Comp.	FM	TOP
Yates Pet. Corp.	McCaw BT	1-G	14-17-25	3-19-31	San Andres	1311'

Pool boundary colored in red.

Proposed extension colored in green.

Section 14: SW/4 NE/4

CASE 4542: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	MALJAMAR GRAYBURG-SAN ANDRES			
TOWNSHIP	16 South	RANGE	32 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.

GEORGE H. WILLIAMS - Lea "NZ" State #1 in Unit N of Section 34-16-32. Completed in Grayburg, San Andres on February 17, 1971.

Top of Perforations 4101'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 33: S/2

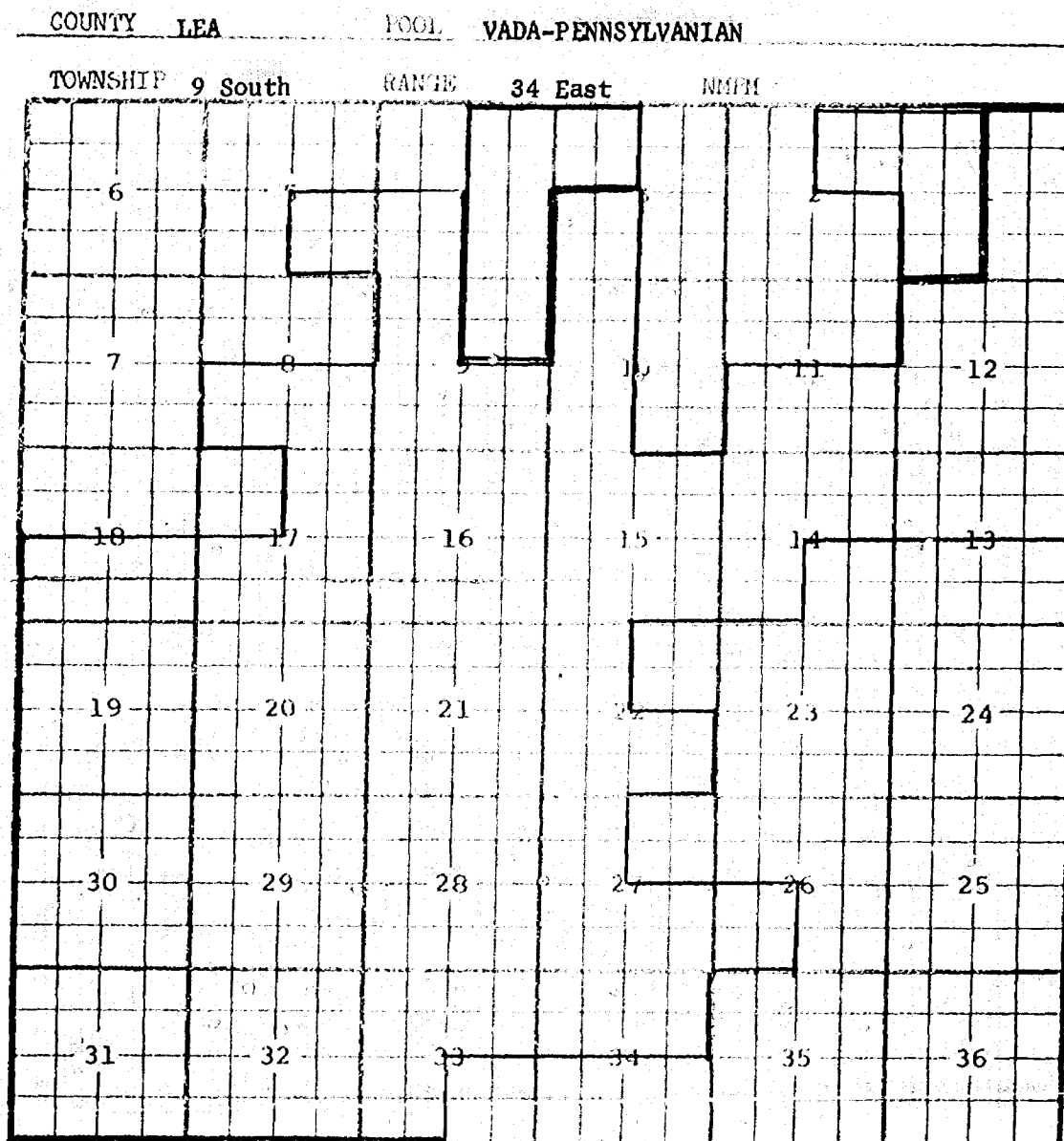
SECTION 34: SW/4

CASE 4542: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	VACUUM-ABO REEF
TOWNSHIP	17 South	RANGE	36 East
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

PURPOSE: One completed oil well capable of producing. _____
TOM L. INGRAM - State "L" #1 in Unit C of Section 19-17-36. Completed in _____
Abo Reef on March 25, 1971. Top of Perforations 8780'. _____
Pool boundary colored in red. _____
Proposed pool extension colored in green. SECTION 19: N/2 NW/4 _____

CASE 4542: (i) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

BELCO PETROLEUM CORPORATION - Midwest State #1 in Unit A of Section 2-9-34. Completed in Bough C on March 7, 1971. Top of Perforations 9648'.

ADDITION--BTA OIL PRODUCERS - McNulty JV-D #2 in Unit F of Section 3-9-34. Completed in Bough C on April 17, 1971. Top of Perforations 9610'.

ADDITION--DELAWARE APACHE CORPORATION - Willis #1 in Unit H of Section 4-9-34. Completed in Bough "C" on May 1, 1971. Top of Perforations 9642'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 1: W/2

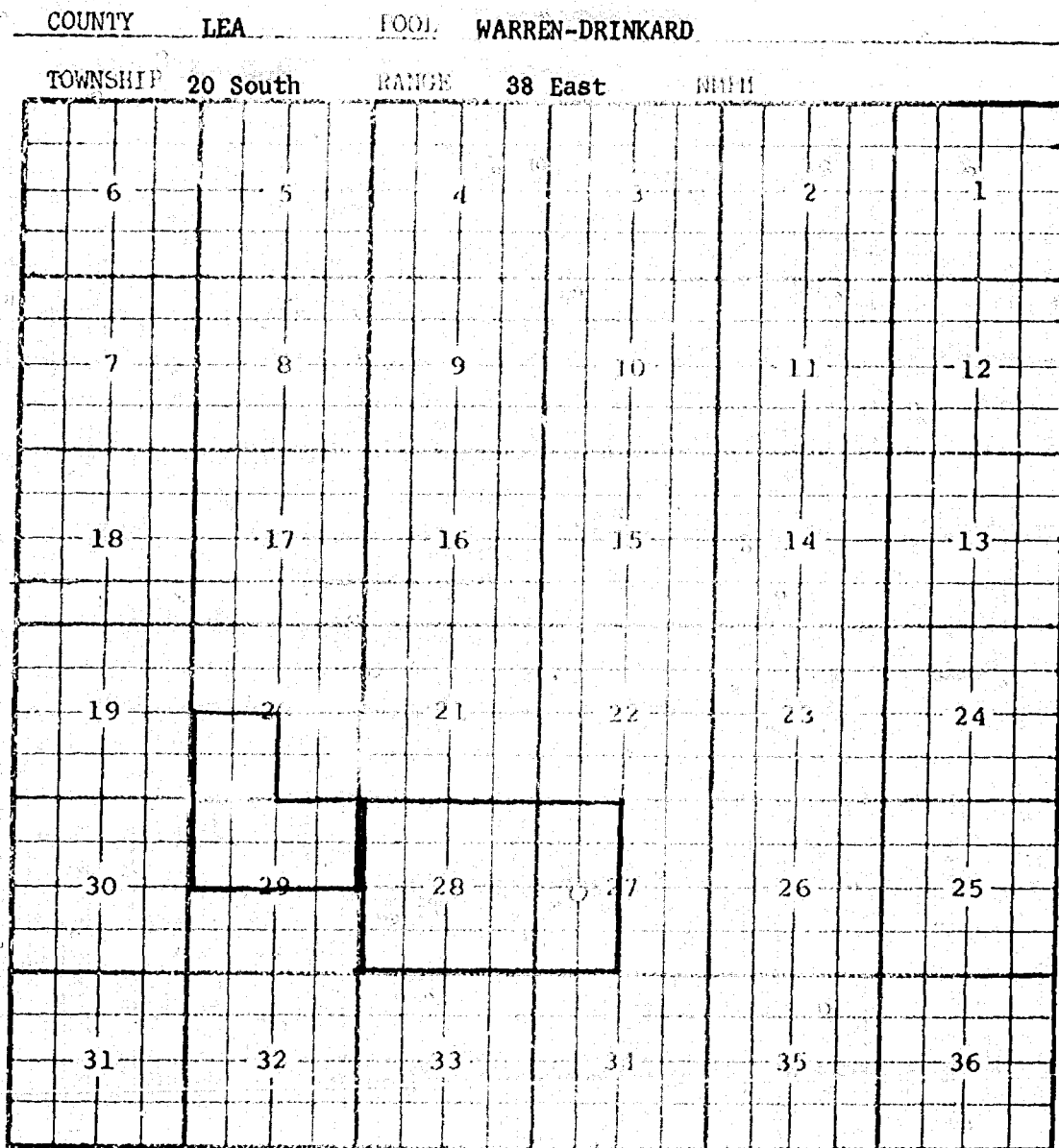
SECTION 2: NE/4

ADDITIONS-----SECTION 3: NW/4

SECTION 4: E/2

SECTION 9: NE/4

CASE 4542: (j) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - SEMU Burger B #13 in Unit N of Section 20-20-38. Completed in Drinkard on March 1, 1971. Top of Perforations 6780'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: SW/4

SECTION 29: N/2

CASE 4542: (a) CREATION OF A NEW OIL POOL

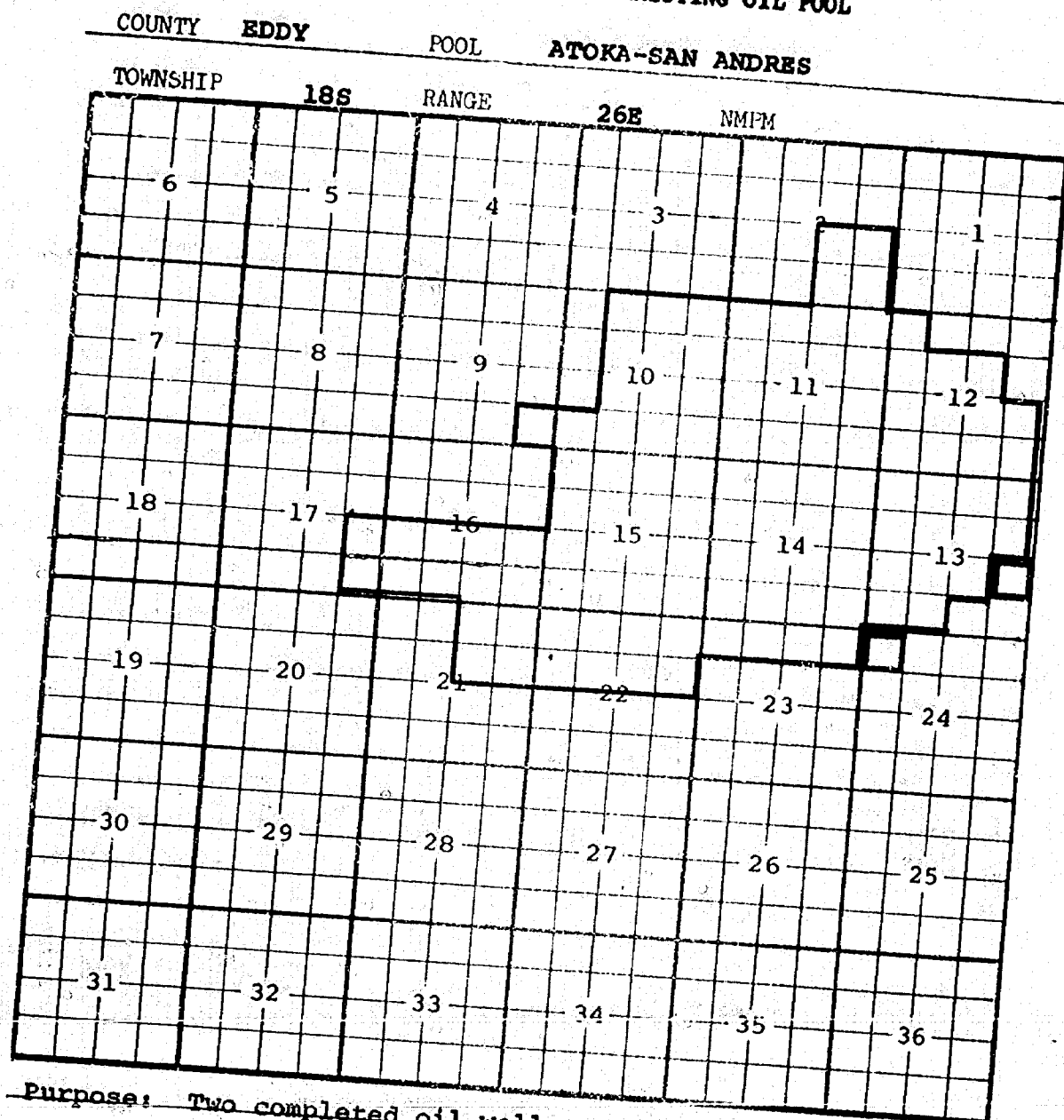
COUNTY	LEA	POOL	WEST WARREN-BLINEBRY												
TOWNSHIP	20 South	RANGE	38 East	NMPM											
6	5	4	3	2	1										
7	8	9	10	11	12										
18	17	16	15	14	13										
19	20	21	22	23	24										
30	29	28	27	26	25										
31	32	33	34	35	36										

PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - Semi Permian #21 in Unit 0 of Section 19-20-38, Completed in Blinebry on October 23, 1969. Top of Perforations 5833'.

Proposed pool boundary colored in red. SECTION 19: SE/4

CASE 4542: (b) EXTENSION OF AN EXISTING OIL POOL



Purpose: Two completed oil wells capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	FM	TOP
Kewanee Oil Co.	Jones D	2-I	13-18-26	2-21-71	San Andres	1734'
Bill Jones Oil Co.	Fair	1-D	24-18-26	3-29-71	San Andres	1752'

Pool boundary colored in red.

Proposed extension colored in green: Section 13: NE/4 SE/4
Addition Section 24: NW/4 NW/4

CASE 4542: (c) EXTENSION OF AN EXISTING GAS POOL

COUNTY **Chaves** POOL **Buffalo-Valley-Pennsylvanian Gas**

TOWNSHIP 15S RANGE 28E NM1M

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.	FM	TOP
Midwest Oil Corp.	State V Com	1-0	6-15-30	2-24-71	Penn	8459"

Pool boundary colored in red.

Proposed extension colored in green. Section 6: E/2

CASE 4542: (d) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy		POOL	South Carlsbad-Morrow-Gas	
TOWNSHIP	23S		RANGE	26E	
					NMFM
6	5	4	3	2	
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.	FM	TOP
Pennzoil United Inc.	Echols Com	1-J	12-23-26	2-24-71	Morrow	11499'

Pool boundary colored in red.

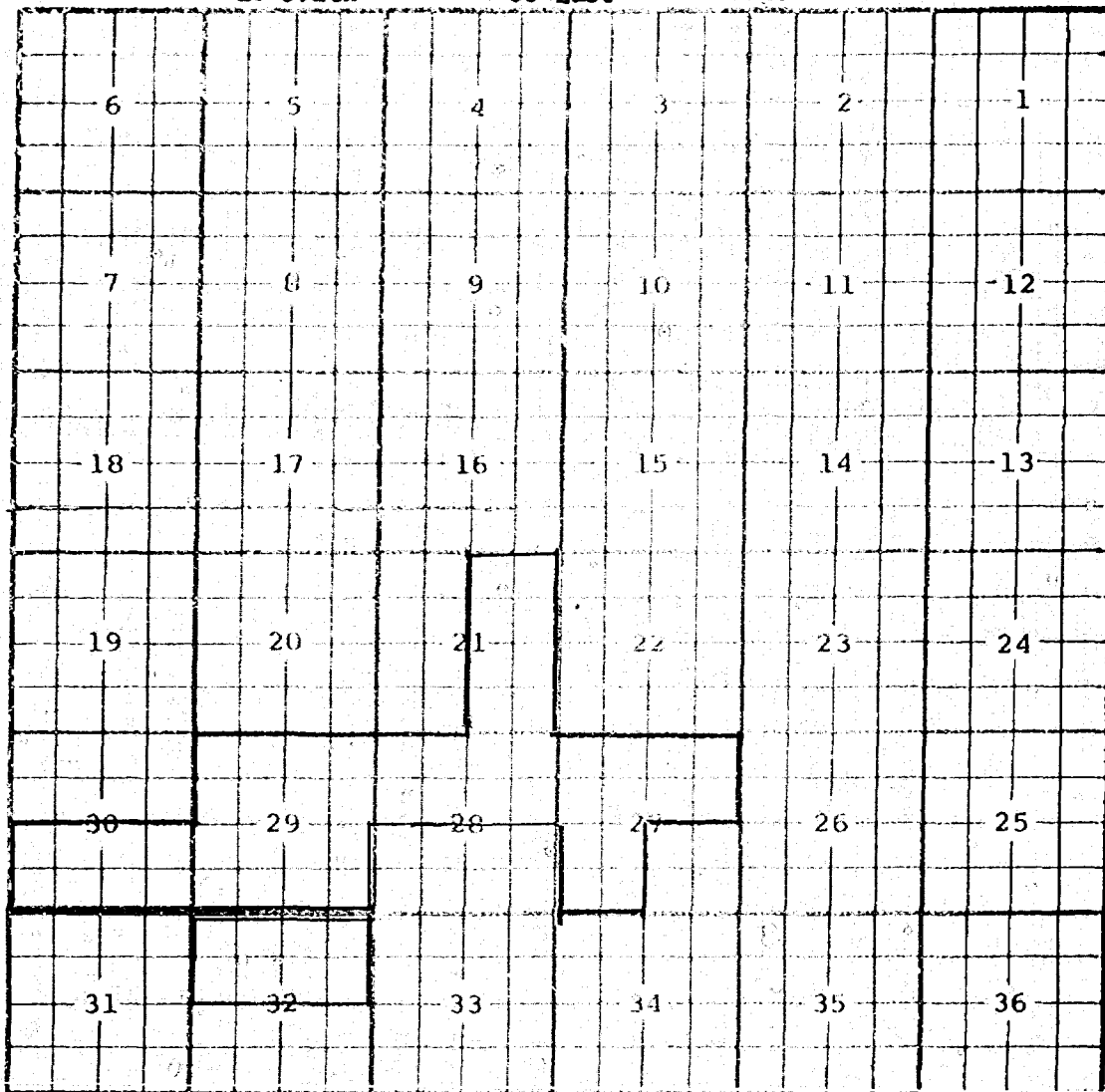
Proposed extension colored in green.

section 12: S/2

CASE 4542: (e) EXTENSION OF AN EXISTING GAS POOL

COUNTY **LEA** POOL **SOUTH CORBIN-MORROW GAS**

TOWNSHIP **18 South** RANGE **33 East** NMEP



PURPOSE: One completed gas well capable of producing.

SOUTHWESTERN NATURAL GAS, INC. - Atlantic "32" State #1 in Unit C of Section 32-18-33. Completed in Morrow on March 30, 1970. Top of Perforations 13,116'.

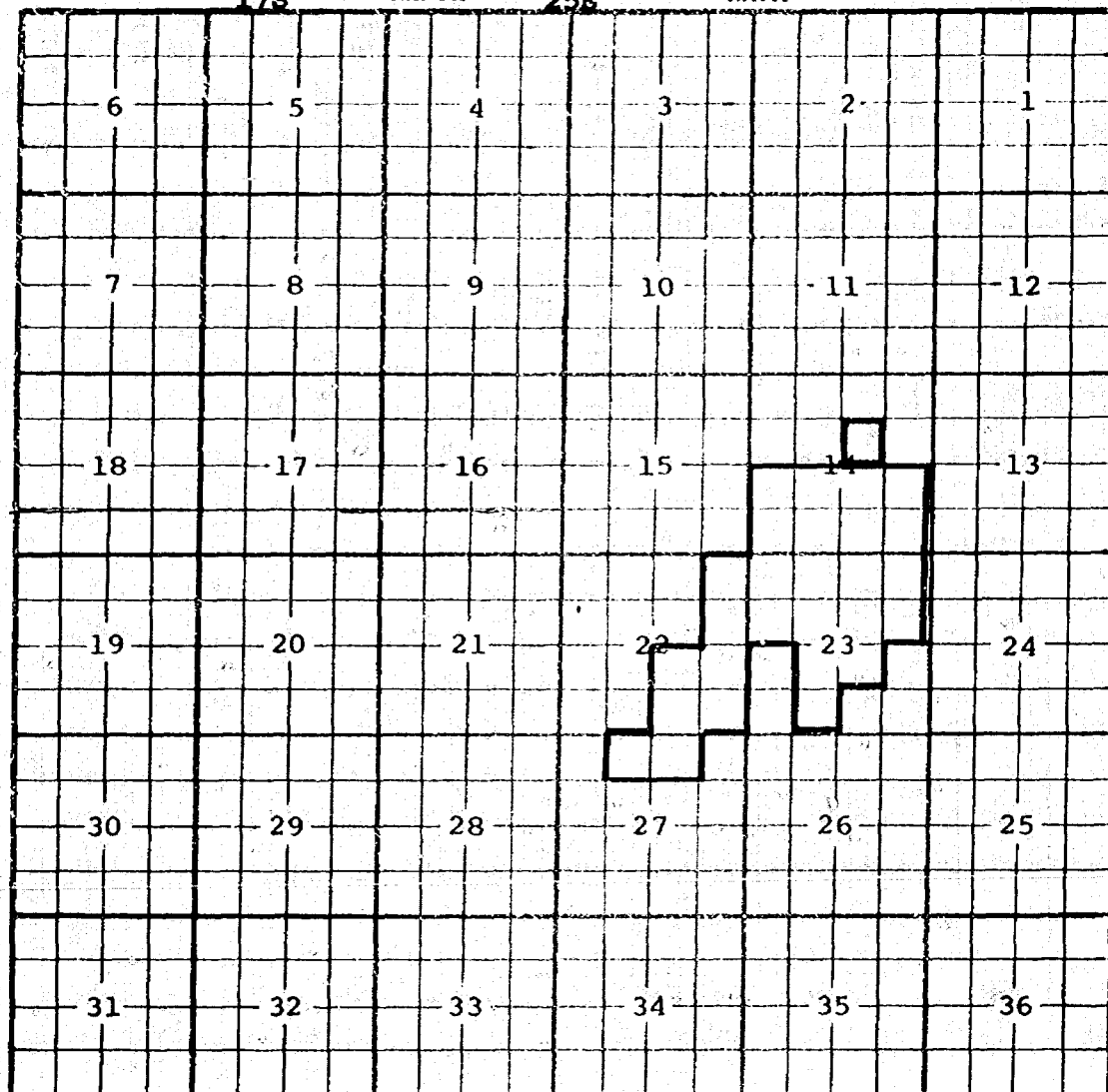
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 32: N/2

CASE 4842: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Eagle Creek-San Andres

TOWNSHIP 17S RANGE 25E NMFM



Purpose: One completed oil well capable of producing.

Operator Yates Pet. Corp. Lease McCaw BT #Ut. 1-G S.T.R. 14-17-25 Comp. 3-19-31 FM San Andres TOP 1311'

Pool boundary colored in red.

Proposed extension colored in green.

Section 14: SW/4 NE/4

CASE 4542: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA		POOL	MALIAMAR GRAYBURG-SAN ANDRES		
TOWNSHIP	16 South		RANGE	32 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.

GEORGE H. WILLIAMS - Lea "NZ" State #1 in Unit N of Section 34-16-32. Completed in Grayburg, San Andres on February 17, 1971. Top of Perforations 4101'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 33: S/2

SECTION 34: SW/4

CASE 4542: (h) EXTENSION OF AN EXISTING OIL POOL

LEA

FOOL.

VACUUM-ABO REEF

TOWNSHIP

17 South

RANKING

36 East

RESULTS

PURPOSE: One completed oil well capable of producing.

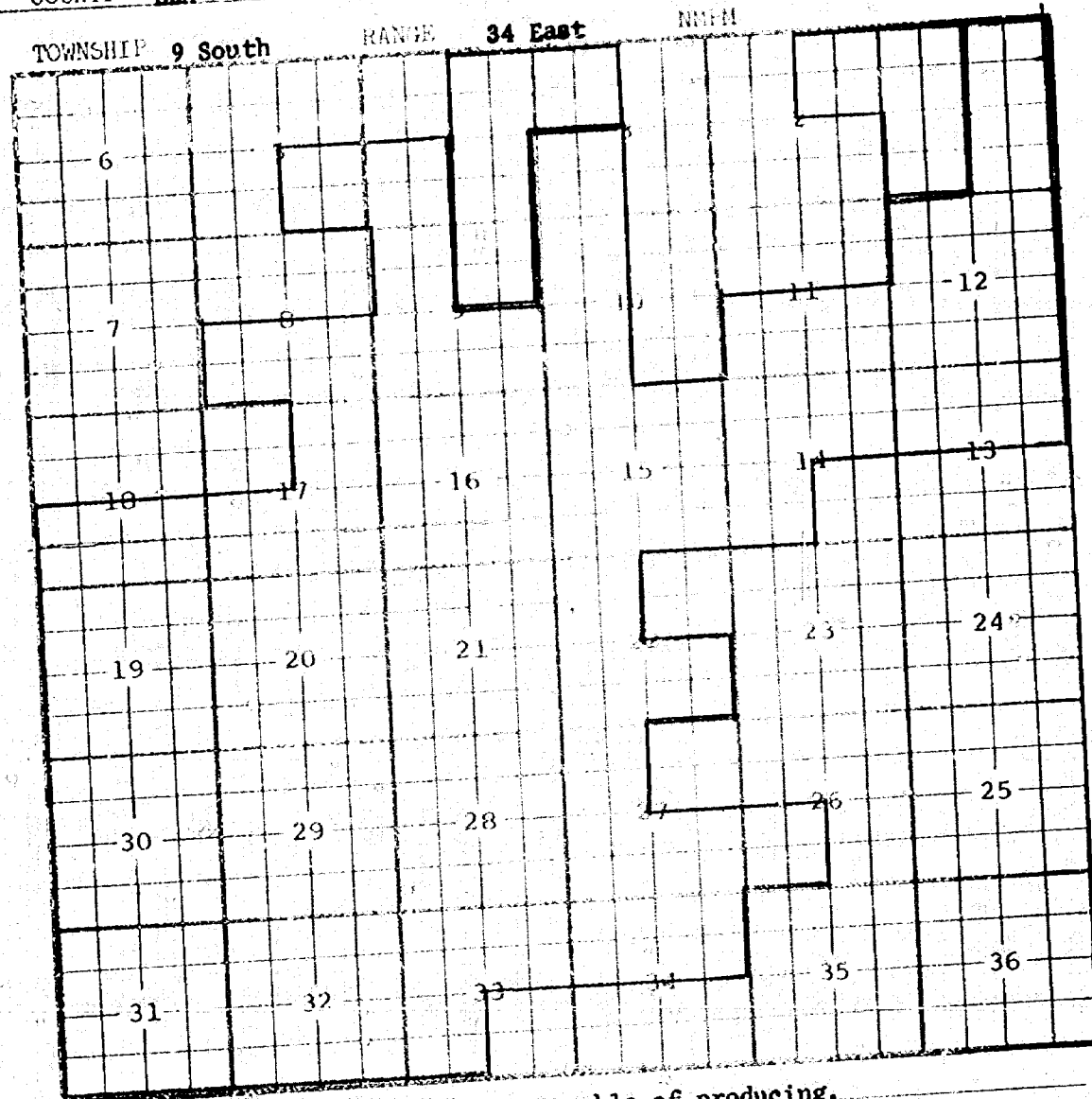
TOM L. INGRAM - State "L" #1 in Unit C of Section 19-17-36. Completed in
Abo Reef on March 25, 1971. Top of Perforations 8780'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 19: N/2 NW/4

CASE 4542: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL VADA-PENNSYLVANIAN
TOWNSHIP 9 South RANGE 34 East



PURPOSE: One completed oil well capable of producing.

BEICO PETROLEUM CORPORATION - Midwest State #1 in Unit A of Section 2-9-34. Completed in Bough C on March 7, 1971. Top of Perforations 9648'.

ADDITION--BTA OIL PRODUCERS - McNulty JV-D #2 in Unit F of Section 3-9-34. Completed in Bough C on April 17, 1971. Top of Perforations 9610'.

ADDITION--DELAWARE APACHE CORPORATION - Willis #1 in Unit H of Section 4-9-34. Completed in Bough "C" on May 1, 1971. Top of Perforations 9642'.

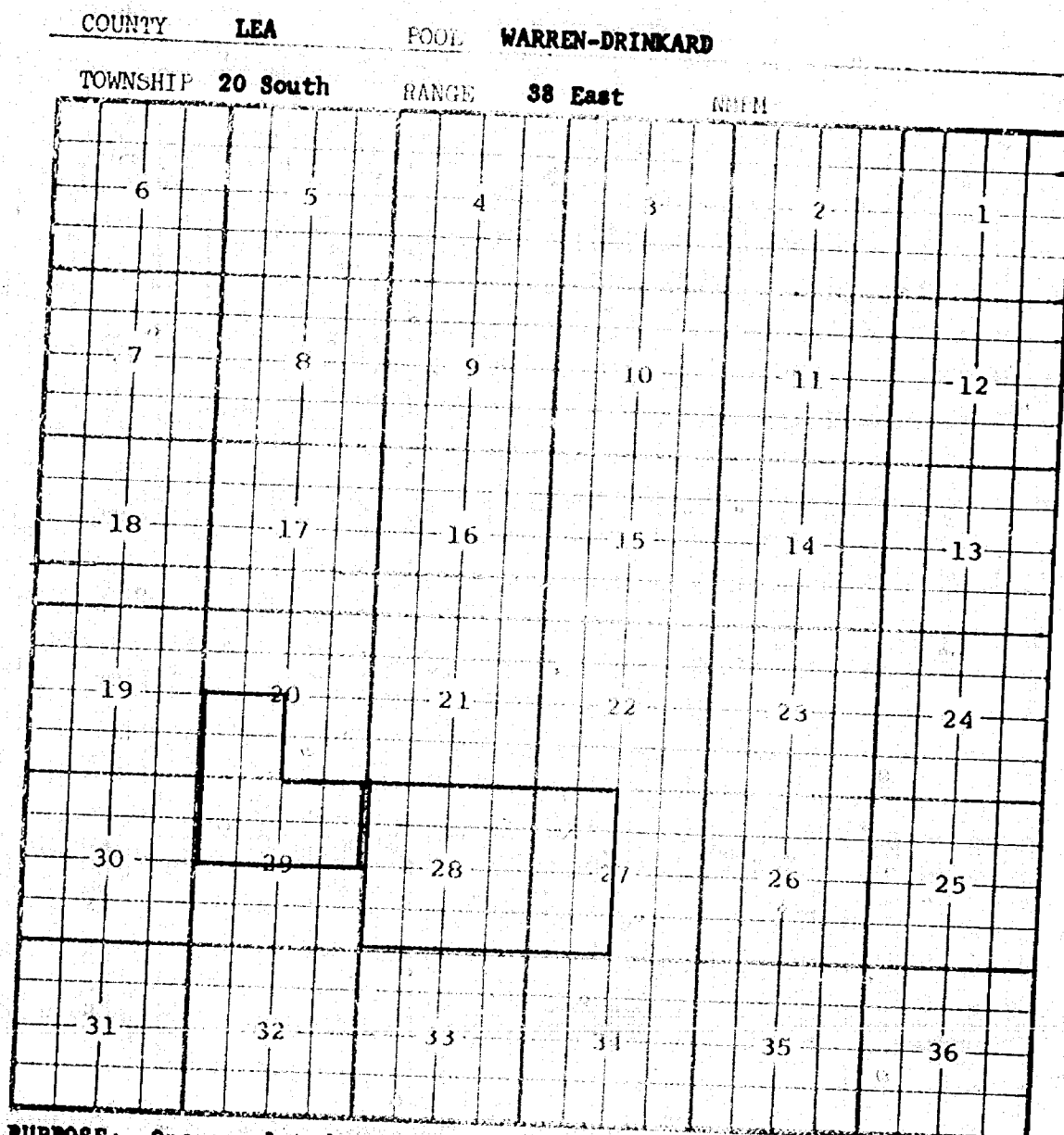
Pool boundary colored in red.

Proposed pool extensions colored in green.

ADDITIONS-----SECTION 1: W/2
SECTION 2: NE/4
SECTION 3: NW/4

SECTION 4: E/2
SECTION 9: NE/4

CASE 4542: (J) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - SEMU Burger B #13 in Unit N of Section 20-20-38. Completed in Drinkard on March 1, 1971. Top of Perforations 6780'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: SW/4

SECTION 29: N/2

NOMENCLATURE ADVERTISEMENT FOR MAY, 1971
CASE Case 4542

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 Lea County, New Mexico, the redefinition of vertical limits of an existing pool in Eddy County, New Mexico, and the extension of certain existing pools in Chaves, 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, redefinitions of vertical limits, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the West Warren-Blinebry Pool. The discovery well is Continental Oil Company, Semu Permian No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. Said pool described as:

✓ TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 19: SE/4

b) EXTEND the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
SECTION 13: NE/4 SE/4

c) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: E/2

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

✓ TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
SECTION 12: S/2

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

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 32: N/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 14: SW/4 NE/4

✓ ~~g) REDEFINE the vertical limits of the Grayburg-Atoka Gas Pool as the Morrow formation and redesignate said Grayburg-Atoka Gas Pool as the Grayburg-Morrow Gas Pool.~~

and for the redefinition of the Grayburg-Atoka gas pool as the Grayburg-Morrow gas pool and to extend said pool.

-2-
May, 1971 Nomenclature

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

~~TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM~~
~~SECTION 21: SE/4~~
~~SECTION 22: SW/4~~

i) EXTEND the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: S/2
SECTION 34: SW/4

j) EXTEND the Vacuum-Abo Reef Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: N/2 NW/4

k) EXTEND the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 1: W/2
SECTION 2: NE/4

l) EXTEND the Warren-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 20: SW/4
SECTION 29: N/2

CASE 4543: Application of TANK
SERVICE CO. FOR AUTHORITY TO
OPERATE AN OIL TREATING PLANT.