

CASE 4370:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number

4370

Application
Transcripts.

Small Exhibits

ETC.

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. 4370
Order No. R-3979

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CLAVES, 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 June 17, 1970, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of June, 1970, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of West Atoka-Morrow Gas Pool. Said West Atoka-Morrow Gas Pool was discovered by the Pennzoil United, Inc., Vandiver Well No. 1, located in Unit F of Section 13, Township 18 South, Range 25 East, NMPM. It was completed in the Morrow formation on November 11, 1969. The top of the perforations is at 8603 feet.

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

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Order No. R-3979

Atoka formation, said pool to bear the designation of East Dickinson-Pennsylvanian Pool. Said East Dickinson-Pennsylvanian Pool was discovered by the Tom L. Ingram Granny Well No. 1, located in Unit O of Section 1, Township 11 South, Range 36 East, NMPM. It was completed in the Atoka formation on June 24, 1969. The top of the perforations is at 11,615 feet.

(4) That there is need for certain extensions to the Sulimar-Queen Pool in Chaves County, New Mexico, the Empire-Abo Pool and the Shugart Pool, both in Eddy County, New Mexico, the Maljamar Grayburg-San Andres Pool, the Quail Ridge-Yates Gas Pool, the North Vacuum-Abo Pool, and the Wantz-Abo Pool, all in Lea County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
Section 13: N/2

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

TOWNSHIP 11 SOUTH, RANGE 36 EAST, NMPM
Section 1: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 16: SW/4 SE/4

(d) 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 17 SOUTH, RANGE 33 EAST, NMPM
Section 10: SW/4
Section 15: N/2

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(e) That the Quail Ridge-Yates Gas 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 19: All

Section 20: S/2

(f) 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 30 EAST, NMPM

Section 24: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 22: S/2 NE/4 and N/2 SE/4

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

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

Section 26: SE/4 NE/4

(h) 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 11: NE/4

Section 12: SW/4

Section 26: NW/4

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

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 33: SE/4

Section 34: SW/4

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 26: NE/4

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(i) Continued from Page 3 -

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 13: NE/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 4: NW/4
Section 18: NW/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 9: SE/4
Section 16: NW/4
Section 17: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
Section 18: 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 and extensions included herein shall be July 1, 1970.

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CASE No. 4370
Order No. R-3979

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



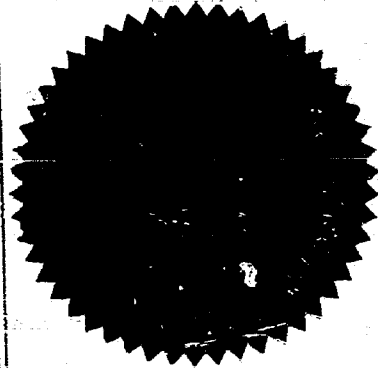
DAVID F. CARGO, Chairman



ALEX J. ARMILLO, Member



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



esr/

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 17, 1970

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

- ALLOWABLE: (1) Consideration of the oil allowable for July and August, 1970;
- (2) Consideration of the allowable of gas for July, 1970, 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 July, 1970; also presentation of purchaser's nominations for the six-month period beginning August 1, 1970, for that area.

CASE 4370: Southeastern New Mexico case calling for an order for the creation and extension of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico:

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Atoka-Morrow Gas Pool. The discovery well is the Pennzoil United, Inc., Vandiver Well No. 1 located in Unit F of Section 13, Township 18 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
SECTION 13: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the East Dickinson-Pennsylvanian Pool. The discovery well is the Tom L. Ingram Granny Well No. 1 located in Unit O of Section 1, Township 11 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 11 SOUTH, RANGE 36 EAST, NMPM
SECTION 1: SE/4

(c) Extend the Empire-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: SW/4 SE/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: SW/4

Regular Hearing - June 17, 1970

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Docket No. 15-70

(Case 4370 continued)

(e) Extend the Quail Ridge-Yates Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

SECTION 19: All

SECTION 20: S/2

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

SECTION 24: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

SECTION 22: S/2 NE/4

(g) Extend the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

SECTION 26: SE/4 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

SECTION 11: NE/4

SECTION 12: SW/4

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

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

SECTION 34: SW/4

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

SECTION 26: NE/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

SECTION 4: NW/4

SECTION 18: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM

SECTION 18: NE/4

Regular Hearing - June 17, 1970
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Docket No. 15-70

THE FOLLOWING CASE WILL BE HEARD BEFORE: ELVIS A. UTZ, EXAMINER,
OR DANIEL S. NUTTER, ALTERNATE EXAMINER:

CASE 4301: (Continued from the May 13, 1970, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Robert T. Smith and all other interested persons to appear and show cause why the following Robert T. Smith wells located in Section 32, Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program:

State Well No. 1 located 487 feet from the North line and 990 feet from the East line;

State "A" Well No. 1 located 400 feet from the North line and 990 feet from the East line;

State Well No. 3 located 330 feet from the North line and 330 feet from the West line;

State Well No. 6 located 220 feet from the North line and 1485 feet from the East line;

State Well No. 6-Y located approximately 5 feet West of the above-described Well No. 6;

State Well No. 8 located 1155 feet from the North line and 2475 feet from the East line.



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 17, 1970

REGULAR HEARING

IN THE MATTER OF:)
)
)

Southeastern New Mexico case calling for)
an order for the creation and extension of) Case No. 4370
certain pools in Lea, Eddy, Chaves and)
Roosevelt Counties, New Mexico.)

BEFORE: A. L. Porter, Secretary-Director
David F. Cargo, Governor
George M. Hatch, General Counsel

TRANSCRIPT OF HEARING

MR. PORTER: We will take up Case 4370.

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

I would like for the record to show that Mr. Ramey has been previously sworn.

MR. PORTER: The record will show.

(Whereupon, Exhibit 1 was marked for identification.)

JOE D. RAMEY

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q Would you state your name and position for the record, Mr. Ramey?

A Joe D. Ramey, Supervisor of the Commission's District 1.

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

A Yes, I am.

Q And are your recommendations prepared in the form

of an exhibit?

A Yes, Southeast New Mexico Nomenclature Exhibit 1, Paragraphs A through J.

Q All right. Would you refer to Exhibit No. 1 and to the docket which has been distributed and point out any corrections that need to be made in the docket?

A I have an addition in Paragraph D, in Township 17 South, Range 33 East, Section 15, the north half; addition in Paragraph F, Township 18 South, Range 31 East, Section 22, north half of the southeast quarter; addition in Paragraph H, in Township 17 South, Range 34 East, Section 26, the northwest quarter.

Several additions in Paragraph I, in Township 8 South, Range 35 East, Section 33, the southeast quarter; Township 9 South, Range 34 East, Section 13, the northeast quarter; Township 9 South, Range 36 East, Section 9, the southeast quarter; Section 16, the northwest quarter; Section 17, the northeast quarter.

The remainder is as shown on the docket.

Q All right. Do you recommend to the Commission that the pools in Paragraphs A through J be created and extended as shown on the docket and as you have corrected them in this hearing?

A Yes, I do.

Q Was Exhibit 1 prepared by you or someone under your supervision?

A Yes, it was.

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

MR. PORTER: No objection it will be admitted.

(Whereupon, Exhibit 1 was offered and admitted in evidence.)

MR. PORTER: Any question? The witness may be excused. If there's nothing further to be offered in this case, the Commission will take it under advisement and the hearing is adjourned.

(Whereupon, the hearing was adjourned.)

I N D E X

<u>WITNESS</u>	<u>PAGE</u>
JOE D. RAMEY	
Direct Examination by Mr. Hatch	2

<u>EXHIBIT</u>	<u>MARKED</u>	<u>OFFERED AND ADMITTED</u>
1	2	4

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

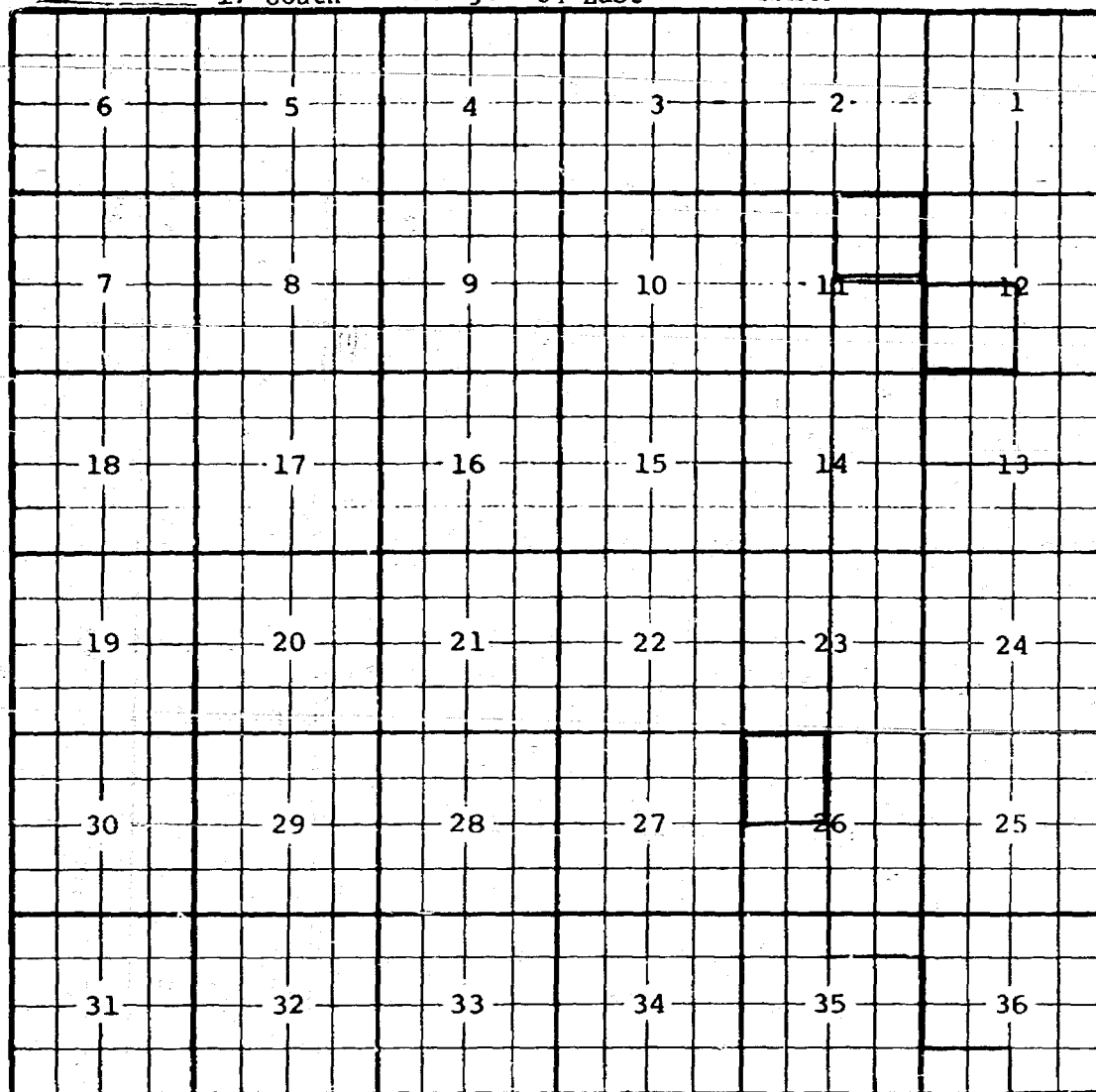
I, GLENDA BURKS, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings,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

Glenda Burks
Court Reporter

CASE 4370: (h) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH VACUUM-ABO

TOWNSHIP 17 South Range 34 East NMPM



PURPOSE: Two completed oil wells capable of producing.

PENNZOIL UNITED, INC. - Bridges State #1 in Unit A of Section 11-17-34.

Completed in Abo on March 26, 1970. Top of Perforations 8574'.

MOBIL OIL CORPORATION - Bridges State #134 in Unit L of Section 12-17-34.

Completed in Abo on April 24, 1970. Top of Perforations 8525'.

ADDITION--MOBIL OIL CORPORATION - Bridges State #136 in Unit D of Section

26-17-34. Completed in Abo on May 22, 1970. Top of Perforations 8545'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 11: NE/4

SECTION 12: SW/4

ADDITION-----SECTION 26: NW/4

CASE 4370: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next
 County ROOSEVELT Pool VADA-PENNSYLVANIAN page)

TOWNSHIP 8 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: Four completed oil wells capable of producing.

BTA OIL PRODUCERS - Will 693 Ltd. #3 in Unit N of Section 34-8-35. Completed in Bough "C" on April 21, 1970. Top of Perforations 9760'.

ADDITION--BTA OIL PRODUCERS - Olin 702 JV-D #1 in Unit P of Section 33-8-35. Completed in Bough "C" on May 16, 1970. Top of Perforations 9760'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 34: SW/4

ADDITION---SECTION 33: SE/4

CASE 4370: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next
County LEA Pool VADA-PENNSYLVANIAN page)

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

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

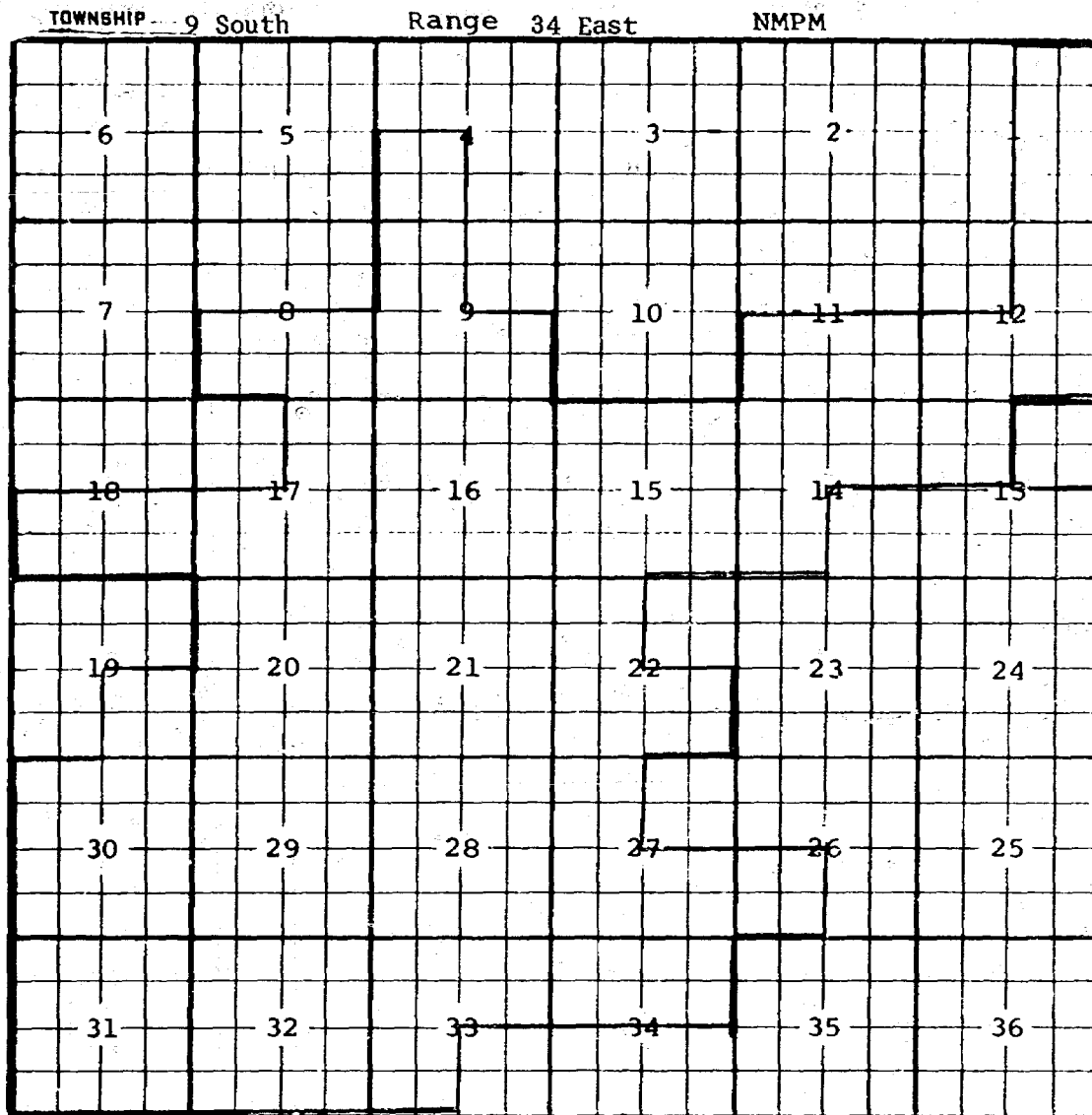
MIDWEST OIL CORPORATION - Ainsworth "B" #1 in Unit G of Section 26-9-33.

Completed in Pennsylvanian on April 15, 1970. Top of Perforations 9652'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 26: NE/4

CASE 4370: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next
 County LEA Pool VADA-PENNSYLVANIAN page)



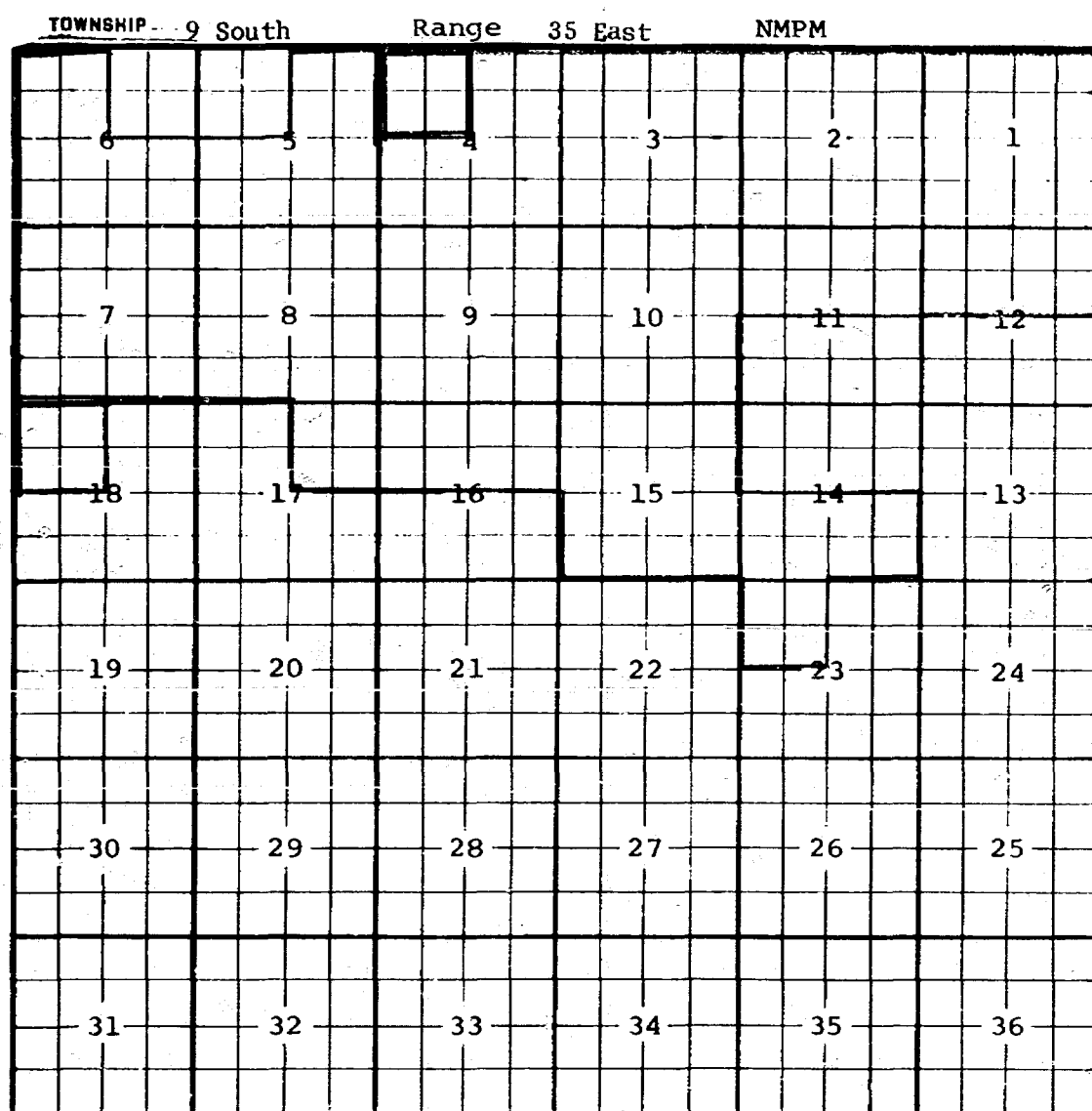
PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

ADDITION--THE SUPERIOR OIL COMPANY - Hamm Com #1 in Unit A of Section 13-
 9-34. Completed in Bough C on June 2, 1970. Top of Perfora-
 tions 9809'.

Pool boundary colored in red.

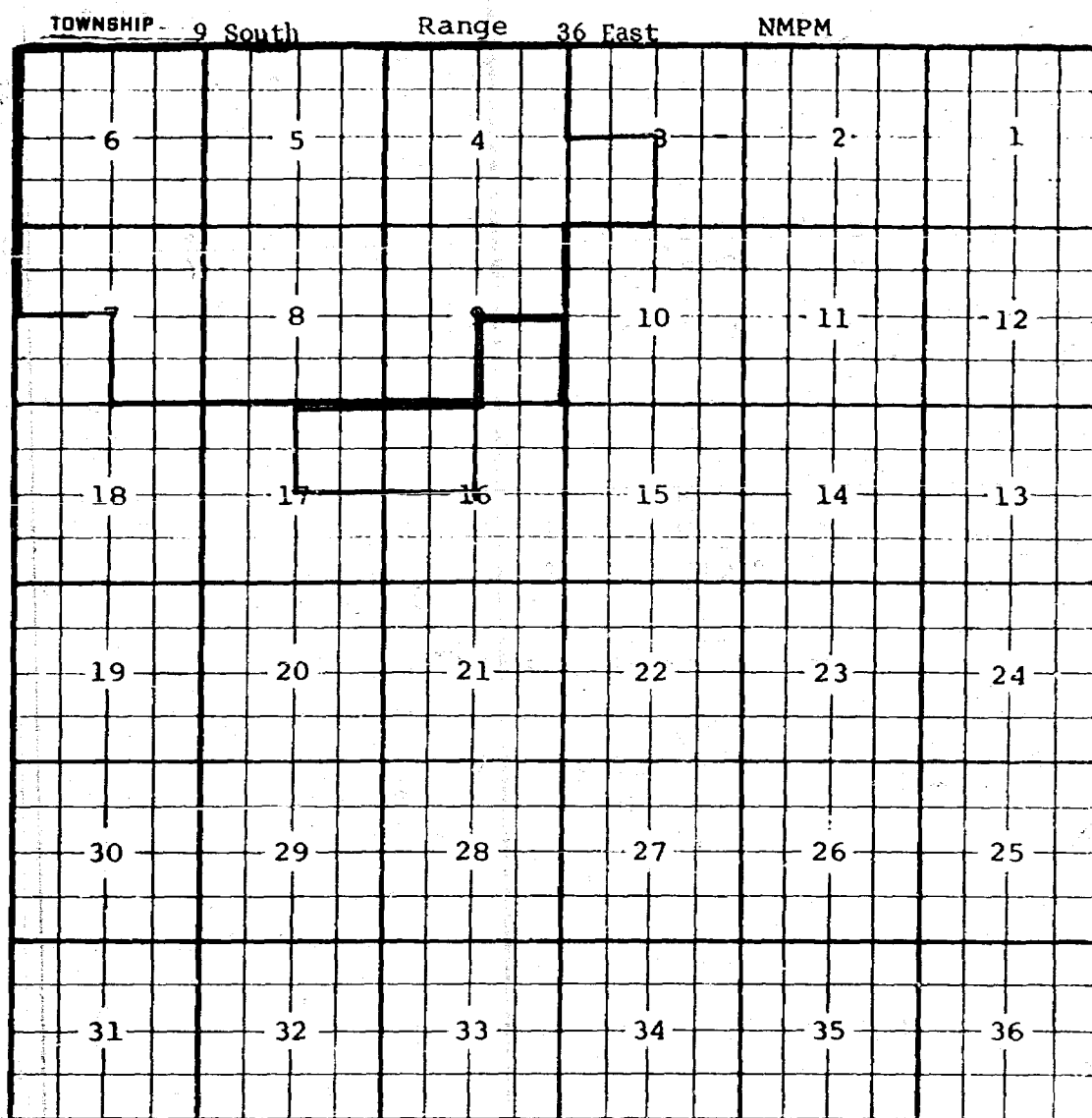
Proposed pool extension colored in green. SECTION 13: NE/4

CASE 4370: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next
County LEA Pool VADA-PENNSYLVANIAN page)



PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.
BTA OIL PRODUCERS - 695 Ltd. Star #1 in Unit F of Section 4-9-35. Com-
pleted in Bough "C" on April 25, 1970. Top of Perforations 9762'.
MIDWEST OIL CORPORATION - Federal H #1 in Unit C of Section 18-9-35.
Completed in Bough C on April 15, 1970. Top of Perforations 9790'.
Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 4: NW/4
SECTION 18: NW/4

CASE 4370: (i) EXTENSION OF AN EXISTING OIL POOL (Continued)
 County LEA Pool VADA-PENNSYLVANIAN



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

ADDITION--TENNECO OIL COMPANY - Deen #1 in Unit J of Section 9-9-36. Completed in Bough "C" on May 22, 1970. Top of Perforations 9814'.

ADDITION--TENNECO OIL COMPANY - Sawyer State #1 in Unit D of Section 16-9-36. Completed in Bough C on May 30, 1970. Top of Perforations 9863'.

ADDITION--ROGER C. HANKS - Brown Federal #1 in Unit B of Section 17-9-36. Completed in Bough C on May 14, 1970. Top of Perforations 9802'.

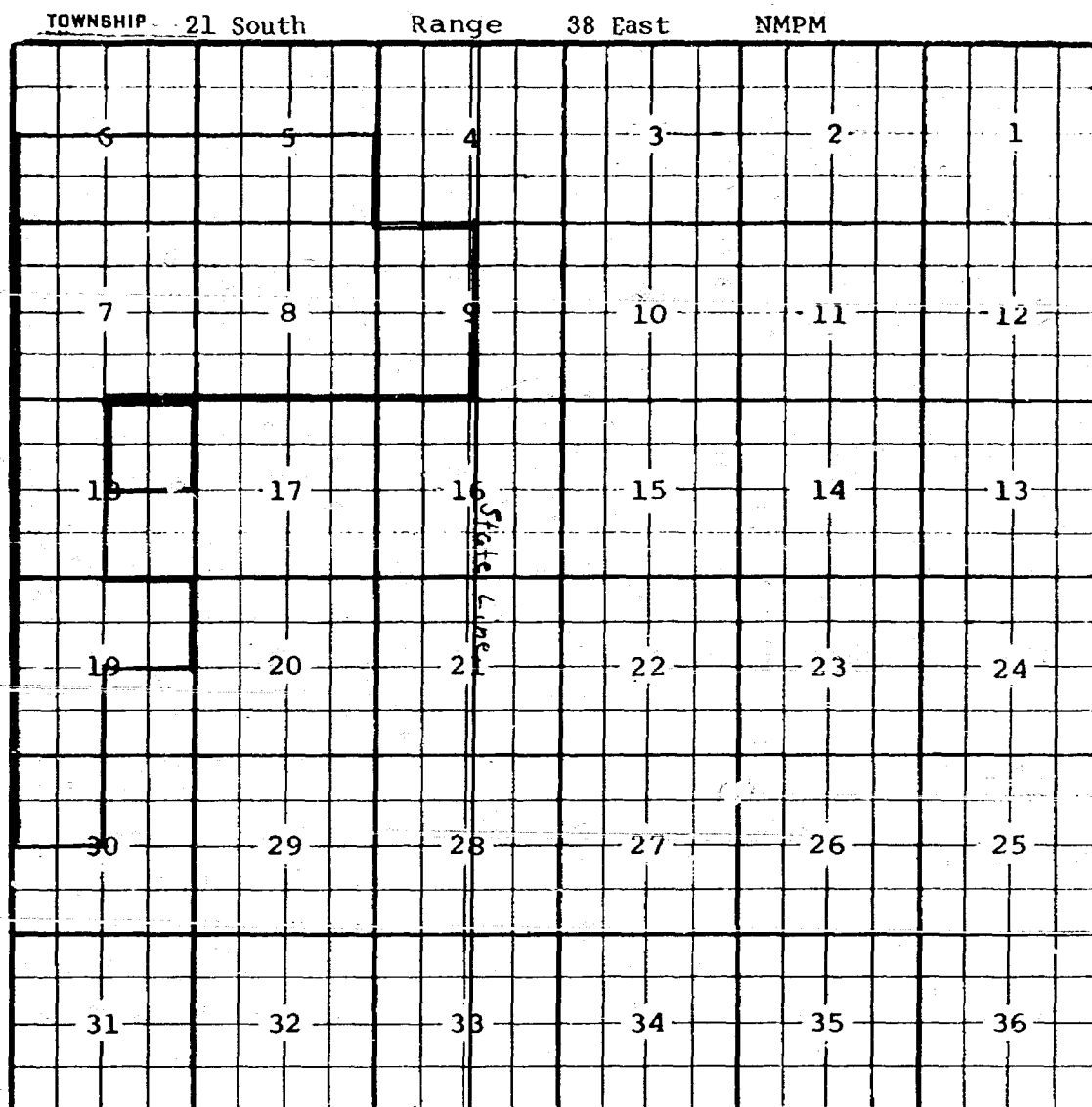
Pool boundary colored in red.

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

SECTION 16: NW/4

SECTION 17: NE/4

CASE 4370: (j) EXTENSION OF AN EXISTING OIL POOL.
County LEA Pool WANTZ-ABO



PURPOSE: One completed oil well capable of producing.

TAUBROS OIL & GAS - SOTAU OIL COMPANY - Terry Federal #1 in Unit C of
Section 18-21-38. Completed in Abo on December 9, 1969. Top of Perfora-
tions 7162'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 18: NE/4

CASE 4370: (a) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL West Atoka-Morrow Gas

TOWNSHIP

18S

RANGE

25E

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: Pennzoil United Inc., Vandiver Well
No 1 in unit F of Section 13-18-25. Completed in Morrow
November 11, 1969, through perforations 8603 to 8637.

Proposed pool boundary colored in green.

Section 13: N/2

CASE 4370: (b) CREATION OF A NEW OIL POOL
County LEA Pool EAST DICKINSON-PENNSYLVANIAN

TOWNSHIP		11 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 oil well capable of producing.

TOM L. INGRAM - Granny #1 in Unit 0 of Section 1-11-36. Completed in
Atoka on June 24, 1969. Top of Perforations 11,615'.

Proposed pool boundary colored in red. SECTION 1: SE/4

CASE 4370: (c) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy

POOL

Empire-Abo

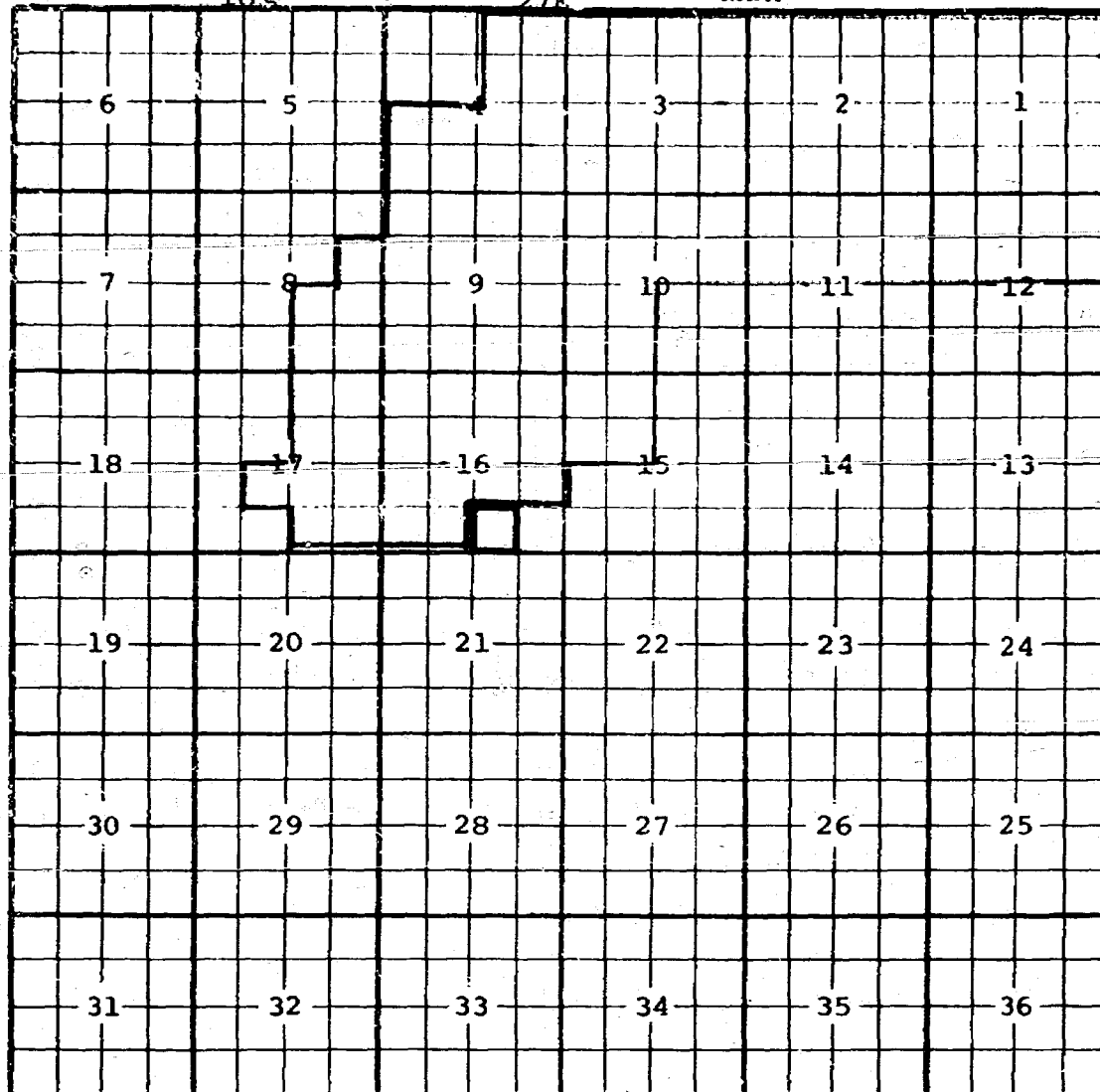
TOWNSHIP

18's

RANGE

27E

NMFM



Purpose: To correct the pool boundary to include an old producing well inadvertently omitted.

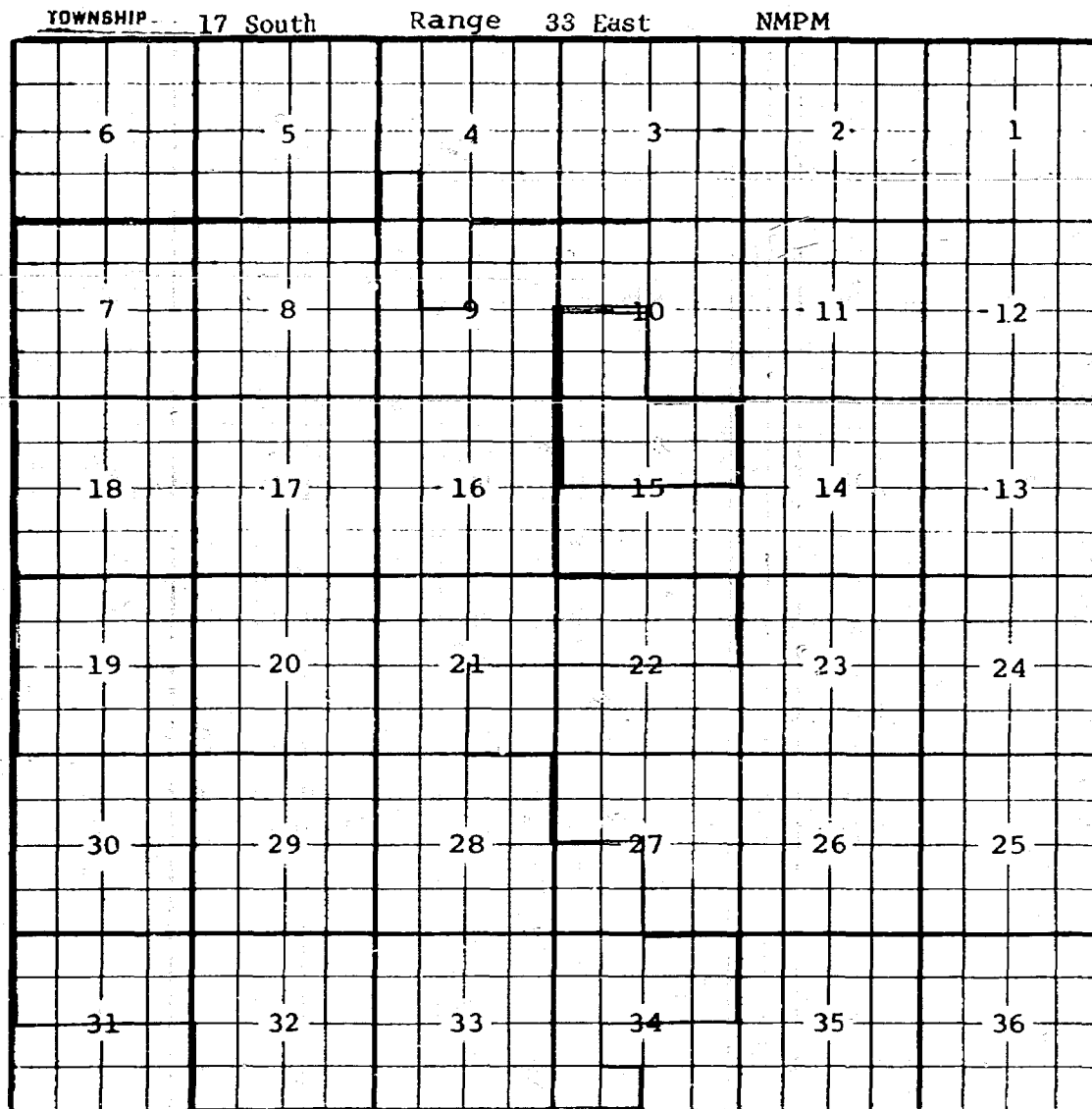
B T A Oil Producers, Gulf LID State Well No 1 in unit O of Section 16-18-27. Completed in Abo October 26, 1964, through perforations 5958' to 5982'.

Pool boundary colored in red.

Proposed extension colored in green.

Section 16: SW/4 SE/4

CASE 4370: (d) EXTENSION OF AN EXISTING OIL POOL
 County LEA Pool MALIAMAR GRAYBURG-SAN ANDRES



PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Phillips "E" State #12 in Unit M of Section 10-17-33. Completed in Grayburg/San Andres on April 27, 1970. Top of Perforations 4378'.

ADDITION--PHILLIPS PETROLEUM COMPANY - Phillips E State #13 in Unit D of Section 15-17-33. Completed in Grayburg, San Andres on May 23, 1970. Top of Perforations 4363'.

ADDITION--PHILLIPS PETROLEUM COMPANY - Phillips E State #14 in Unit B of Section 15-17-33. Completed in Grayburg, San Andres on May 26, 1970. Top of Perforations 4379'.

Pool boundary colored in red.

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

ADDITION --SECTION 15: N/2

CASE 4370: (e) EXTENSION OF AN EXISTING GAS POOL
County LEA Pool QUAIL RIDGE-YATES GAS

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 gas well capable of producing.

ME-TEX SUPPLY COMPANY - Mescalero #1 in Unit G of Section 19-19-34. Completed in Yates on August 25, 1969. Top of Perforations 3779'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 19: All

SECTION 20: S/2

CASE 4370: (f) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY Eddy

POOL Shugart

TOWNSHIP	18	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: Four completed oil wells capable of producing.

Yates Petroleum Corp. Creek AL Well No 7 in unit M Section
24-18-30. Completed in Queen April 19, 1970, through
perforations 3189' to 3528'.

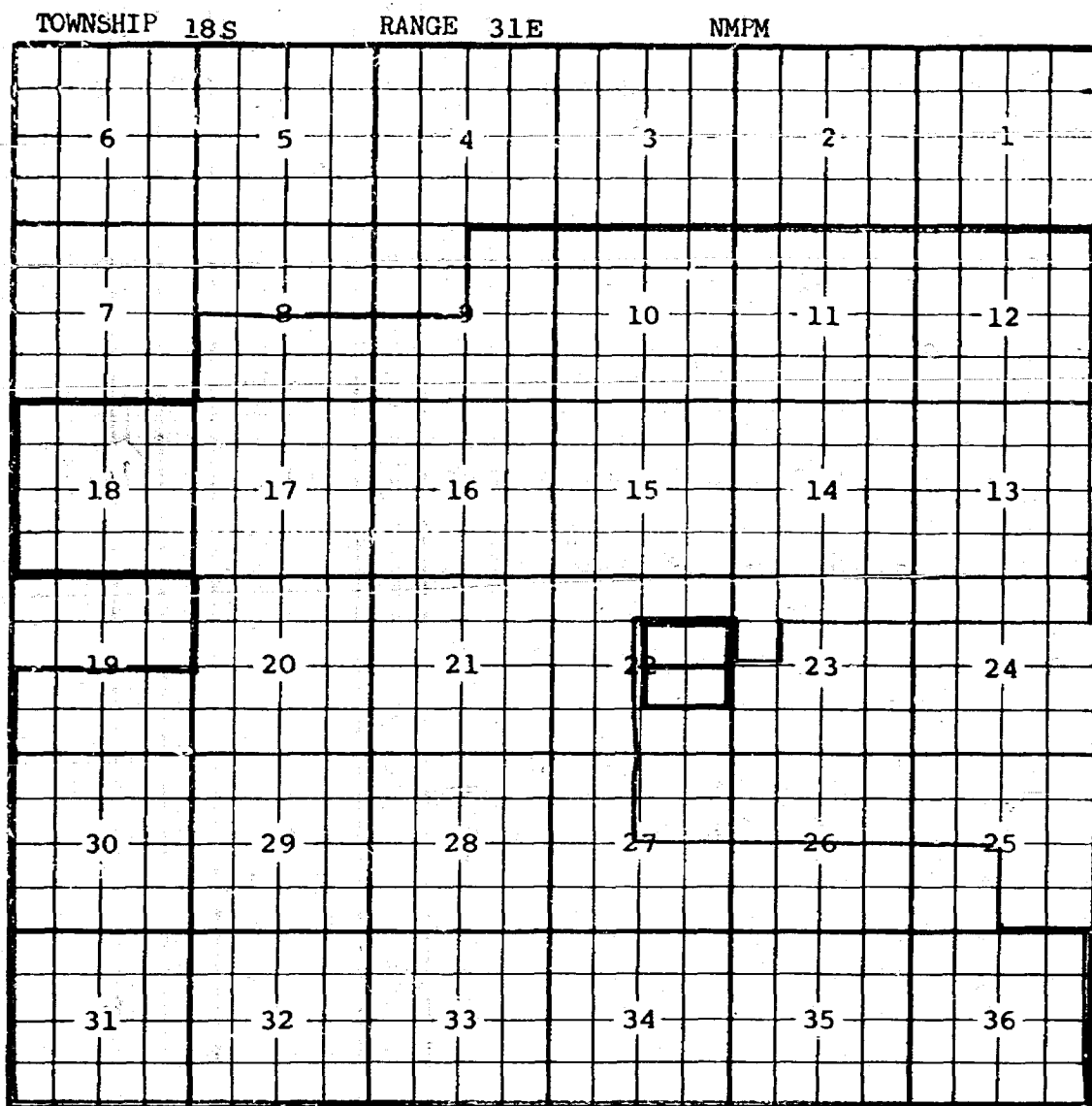
Pool boundary colored in red.

Proposed extension colored in green.

Section 24: SW/4 SW/4

CASE 4370: (f) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY Eddy POOL Shugart



Purpose: As stated on page one of this exhibit. Gulf Oil Corp. Littlefield AB Federal Well No 9 in unit H Section 22-18-31. Completed in Queen April 3, 1970, through perforations 3376' to 3393'. Gulf Oil Corp. Littlefield AB Federal Well No 11 in unit G Section 22-18-31. Completed in Queen May 8, 1970, through perforations 3365' to 3370'. ADDITION: Gulf Oil Corp. Littlefield AB Federal Well No 12 I Section 22-18-31. Completed in Queen May 16, 1970, through perforations 3370' to 3392'.

Pool boundary colored in red.

Proposed extension colored in green.

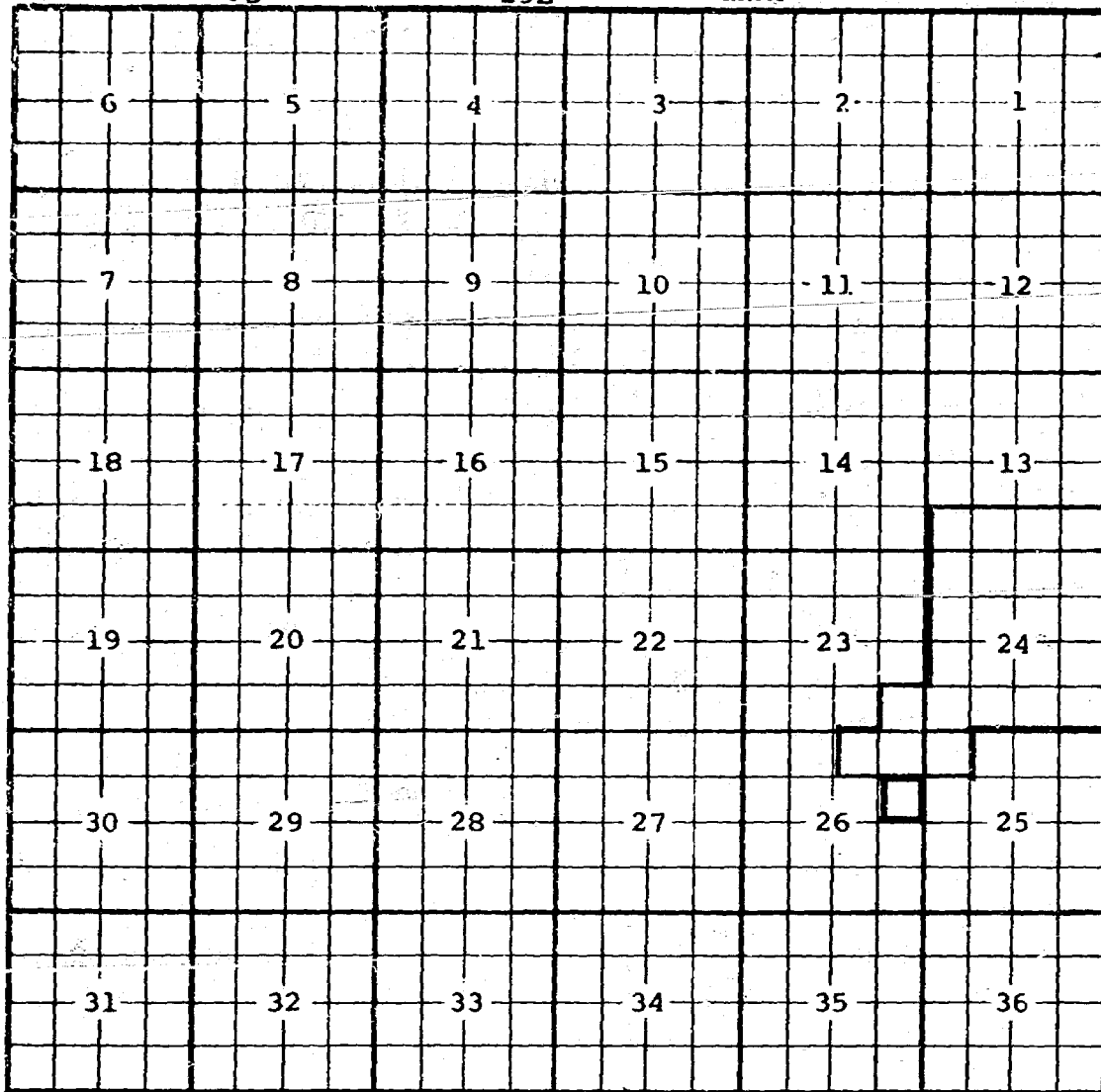
Section 22: S/2 NE/4

ADDITION: Section 22: S/2 SE/4

CASE 4370: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY Chaves POOL Sulimar-Queen

TOWNSHIP 15S RANGE 29E NMPM



Purpose: One completed oil well capable of producing.

Cities Service Oil Co. Snyder Federal Well No 1 in unit

H of Section 26-15-29. Completed in Queen March 29, 1970,
through perforations 1973' to 1982'.

Pool boundary colored in red.

Proposed extension colored in green.

Section 26: SE/4 NE/4

NOMENCLATURE ADVERTISEMENT FOR JUNE, 1970
CASE 4370

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, 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 and extensions should not be made.

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Atoka-Morrow Gas Pool. The discovery well is Pennzoil United, Inc., Vandiver No. 1 located in Unit F of Section 13, Township 18 South, Range 25 East, NMPM. Said pool described as:

✓ TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
SECTION 13: N/2 JK 5/15/70

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the East Dickinson-Pennsylvanian Pool. The discovery well is Tom L. Ingram, Granny No. 1 located in Unit 0 of Section 1, Township 11 South, Range 36 East, NMPM. Said pool described as:

✓ TOWNSHIP 11 SOUTH, RANGE 36 EAST, NMPM
SECTION 1: SE/4

c) EXTEND the Empire-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: SW/4 SE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: SW/4

e) EXTEND the Quail Ridge-Yates Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 19: All
SECTION 20: S/2

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 24: SW/4 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 22: S/2 NE/4

June, 1970 Nomenclature

g) EXTEND the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 26: SE/4 NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: NE/4
SECTION 12: SW/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 34: SW/4

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 26: NE/4

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 4: NW/4
SECTION 18: NW/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 18: NE/4

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. 4370
ORDER NO. R-3979

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on June 17, 1970, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this day of June, 1970, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

✓(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of West Atoka-Morrow Gas Pool. Said West Atoka-Morrow Gas Pool was discovered by the Pennzoil United, Inc. Vandiver Well No. 1, located in Unit F of Section 13, Township 18 South, Range 25 East, NMPM. It was completed in the Morrow formation on November 11, 1969. The top of the perforations is at 8603 feet.

✓(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Atoka formation, said pool to bear the designation of East Dickinson-Pennsylvanian Pool. Said East Dickinson-Pennsylvanian Pool was discovered by the Tom L. Ingram Granny Well No. 1, located in Unit O of Section 1, Township 11 South, Range 36 East, NMPM. It was completed in the Atoka formation on June 24, 1969. The top of the perforations is at 11,615 feet.

(4) That there is need for certain extensions to the Sulimar~~Queen~~ Pool in Chaves County, New Mexico, the Empire~~Abo~~ Pool, and the Shugart~~Pool~~, both in Eddy County, New Mexico, the Maljamar Grayburg~~San Andres~~ Pool, the Quail Ridge~~Yates~~ Gas Pool, the North Vacuum~~Abo~~ Pool, and the Wantz~~Abo~~ Pool, all in Lea County, New Mexico, and the Vada~~Pennsylvanian~~ Pool in Lea and Roosevelt Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
SECTION 13: N/2

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

✓ TOWNSHIP 11 SOUTH, RANGE 36 EAST, NMPM
SECTION 1: SE/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: SW/4 SE/4

(d) 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 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: SW/4
SECTION 15: N/2

(e) That the Quail Ridge-Yates Gas 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 19: All
SECTION 20: S/2

(f) 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 30 EAST, NMPM
SECTION 24: SW/4 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 22: S/2 NE/4 and N/2 SE/4

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

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 26: SE/4 NE/4

(h) 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 11: NE/4
SECTION 12: SW/4
SECTION 26: NW/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 33: SE/4
SECTION 34: SW/4

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 26: NE/4

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 13: NE/4

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 4: NW/4
SECTION 18: NW/4

✓ TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
SECTION 9: SE/4
SECTION 16: NW/4
SECTION 17: NE/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 18: 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 and extensions included herein shall be July 1, 1970.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX ARMIJO, Member

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

S E A L

NEWSPAPERS:

Santa Fe
Hobbs
Artesia
Roswell
Portales

CASE 4370 :

In the matter of the application of the Oil Conservation Commission upon its own motion for an order for the creation of the following pools:

West Atoka-Morrow Gas Pool
in Township 18 South, Range 25
East, Eddy County;

East Dickinson-Pennsylvanian Pool
in Township 11 South, Range 36 East,
Lea County;

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

Malamar
Grayburg-San Andres Pool
Quail Ridge-Yates Gas Pool
North Vacuum-Abo Pool
Wantz-Abo Pool

and for the extension of the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties;

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

Empire-Abo Pool
Shugart Pool

and for the extension of the Sulimar-Queen Pool in Chaves County.

CASE 4371: Application of GETTY
OIL CO. FOR WATERFLOOD EXPANSION
AND AMENDMENT OF R-2966, Lea Co.