

in the Maljamar Pool.

Q What are your recommendations concerning the extension of the Ranger Lake-Pennsylvanian Pool?

A It is recommended this pool be extended as shown on Exhibit L on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Shugart Pool?

A It is recommended that pool be extended as shown on Exhibit M on the basis of three wells completed therein.

Q What are your recommendations concerning the extension of the West Teas-Yates Pool?

A It is recommended this pool be extended as shown on Exhibit N on the basis of one well completed therein.

Q Have you prepared any exhibit listing these recommendations, together with the locations, and designated Exhibit 1?

A Yes, sir.

MR. PAYNE: We move to introduce Exhibit 1 in Case 2216.

A These are letters from A through N.

MR. PAYNE: Inclusive.

MR. PORTER: Any questions of the witness? He may be excused.

(Witness excused.)

MR. PORTER: We will take next Case 2217.



Patricia L. Lomina
NOTARY PUBLIC

My commission expires:

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

I, PAT GOMIA, Notary Public, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 25 day of April, 1961.



NOTARY PUBLIC

My commission expires:

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



County EDDY Pool SOUTH BENSON-YATES

TOWNSHIP 19 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN

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

PURPOSE: Two (2) completed oil wells capable of producing.

DISCOVERY WELL: G. W. STRAKE - Union Federal No. 1 in Unit P of Sec. 23-T19S-R30E. Completed in Yates December 20, 1960. Top of perforations 1742'.

G. W. STRAKE - Union Federal No. 2 in Unit J of Sec. 23-T19S-R30E.

Completed in Yates January 6, 1961. Top of perforations 1767'.

Proposed pool boundary colored in red. SECTION 23: SE/4

County LEA Pool DOUBLE X-DELAWARE

TOWNSHIP 24 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

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.

DISCOVERY WELL: TENNESSEE GAS TRANSMISSION COMPANY - U.S. Smelting No. 1
in Unit B of Section 22-T24S-R32E. Completed in Delaware
Sand January 18, 1961. Top of perforations 4919'.

Proposed pool boundary colored in red. SECTION 22: NE/4

County LEA Pool SPENCER-PENNSYLVANIANTOWNSHIP 17 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

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

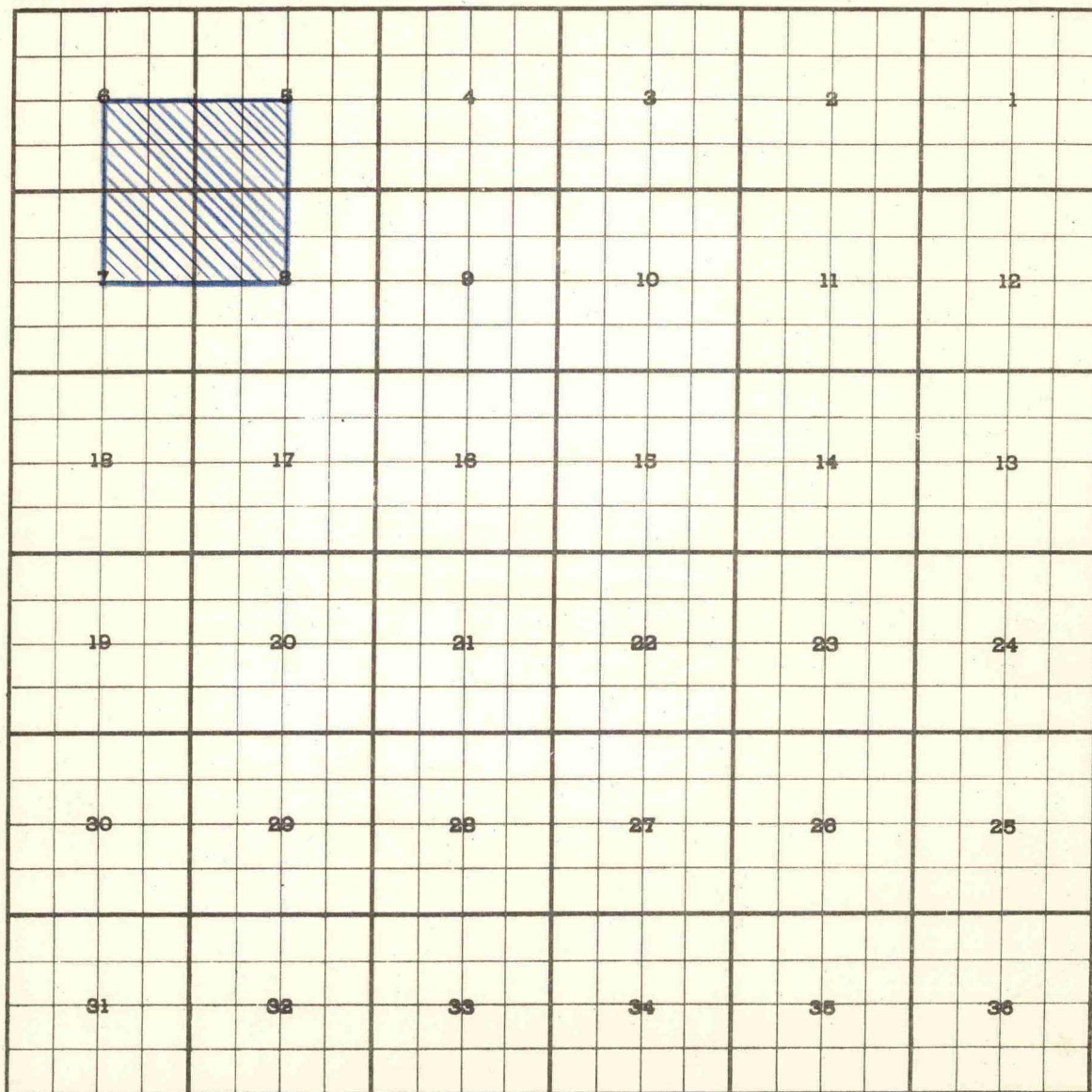
PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: J. C. WILLIAMSON - Lovington State No. 1 in Unit B of
Section 25-T17S-R36E. Completed in Pennsylvanian
January 26, 1961. Top of perforations 9698'.

Proposed pool boundary colored in red. SECTION 25: NE/4

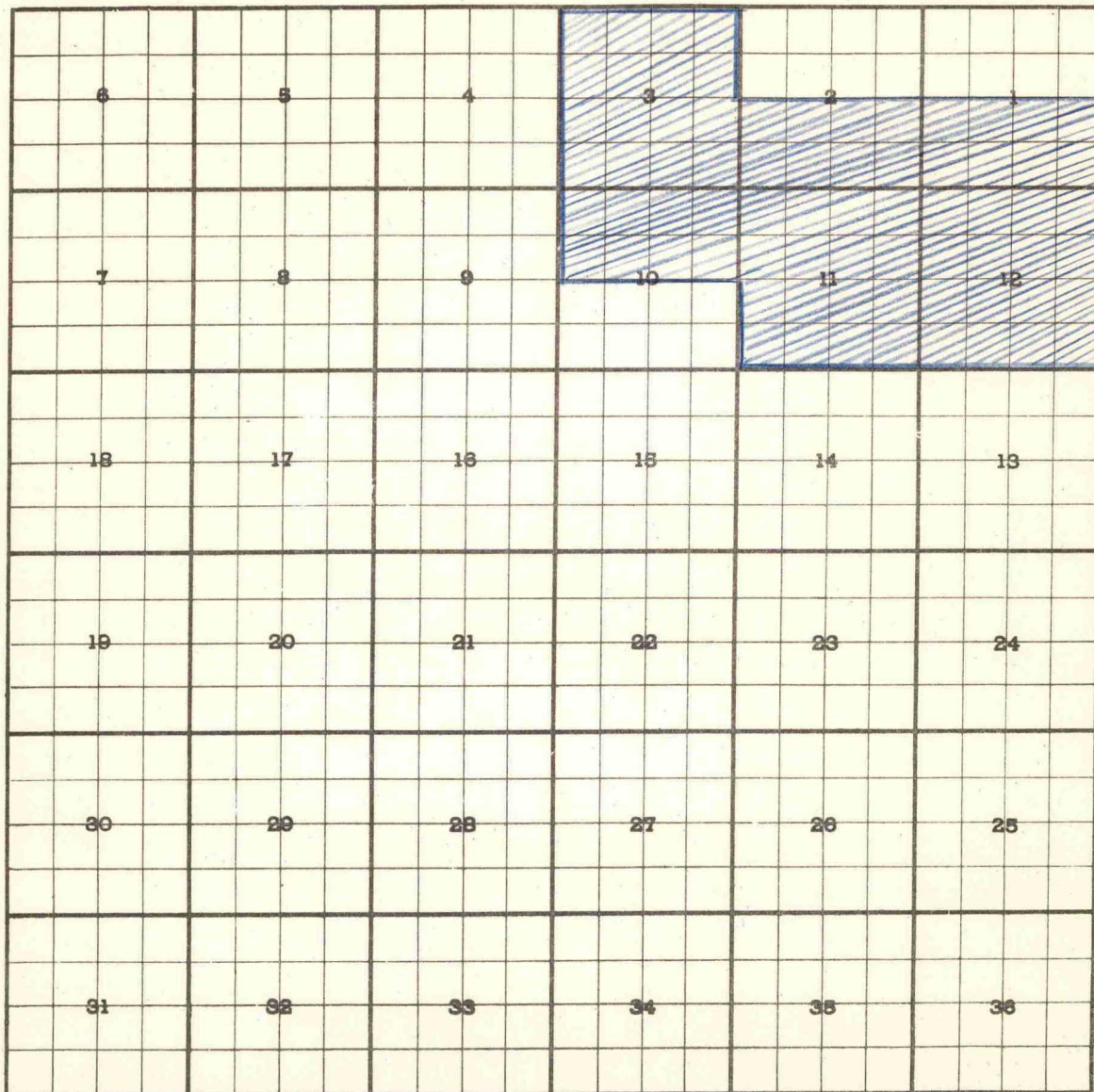
County LEA Pool NORTH MALJAMAR

TOWNSHIP 17 *South*, RANGE 32 *East*, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: TO ABOLISH THIS POOL AND ADD IT TO THE MALJAMAR POOL AS THEY
HAVE THE SAME RESERVOIR.

Proposed abolishment colored in blue. SECTION 5: SW/4
SECTION 6: SE/4
SECTION 7: NE/4
SECTION 8: NW/4

County LEA Pool ROBERTSTOWNSHIP 17 *South*, RANGE 32 *East*, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: TO ABOLISH THIS POOL AND ADD IT TO THE MALJAMAR POOL BECAUSE
THEY ARE CONTIGUOUS AND HAVE SAME RESERVOIR.

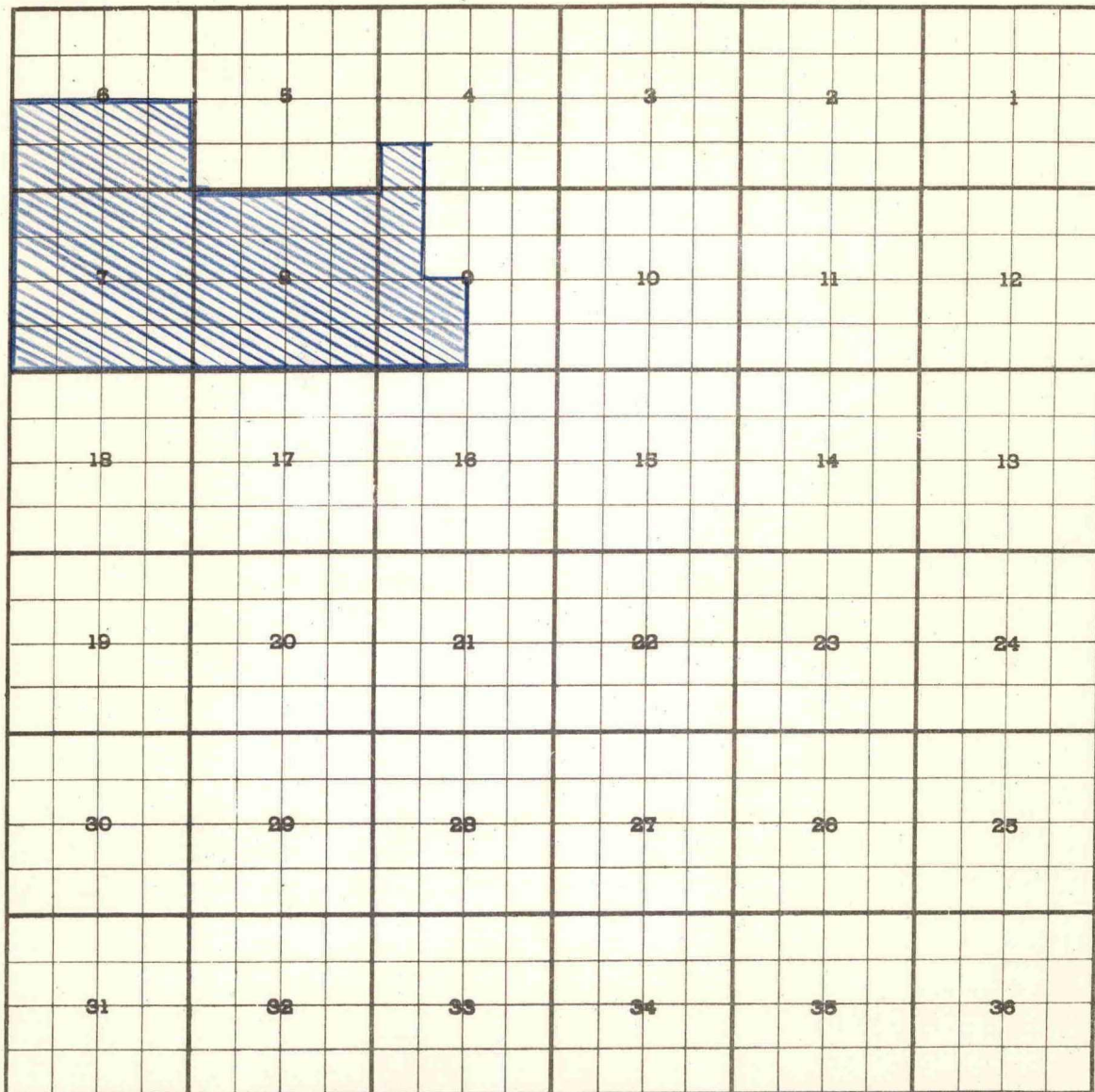
Proposed abolishment colored in blue. SECTION 1: S/2
SECTION 2: S/2
SECTION 3: All
SECTION 10: N/2
SECTION 11: All
SECTION 12: All

PROPOSED ABOLISHMENT CONTINUED ON NEXT PAGE.

CASE 2216: (e) ABOLISHMENT OF AN OIL POOL, continued.

County LEA Pool ROBERTS

TOWNSHIP 17 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN

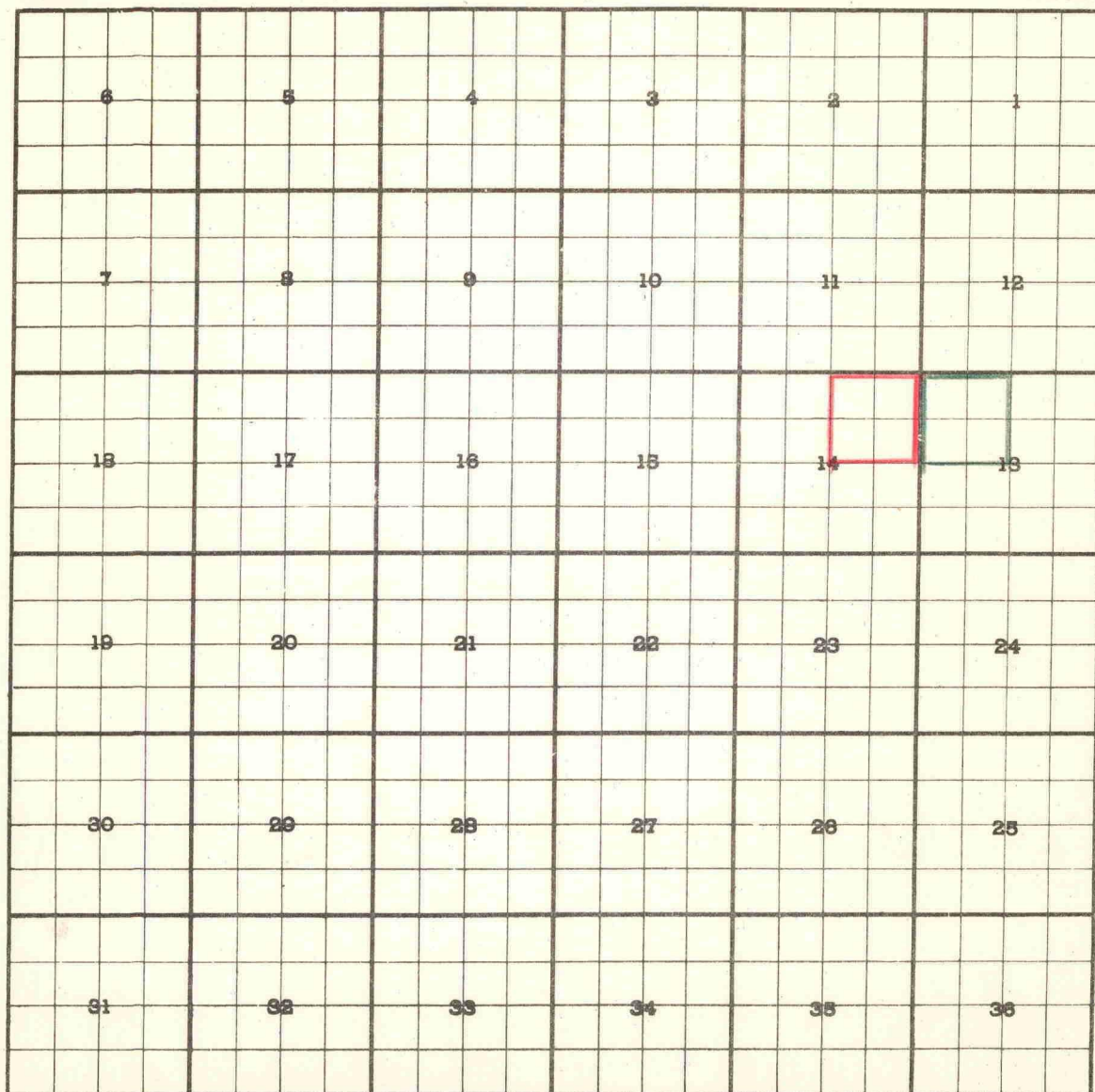


PURPOSE: As stated on first page of Exhibit (e).

Proposed abolishment colored in blue. SECTION 4: SW/4 SW/4
 SECTION 6: S/2
 SECTION 7: All
 SECTION 8: All
 SECTION 9: W/2 NW/4 and SW/4

County EDDY Pool EAST BENSON-YATES

TOWNSHIP 19 *South*, RANGE 30 *East*, NEW MEXICO PRINCIPAL MERIDIAN

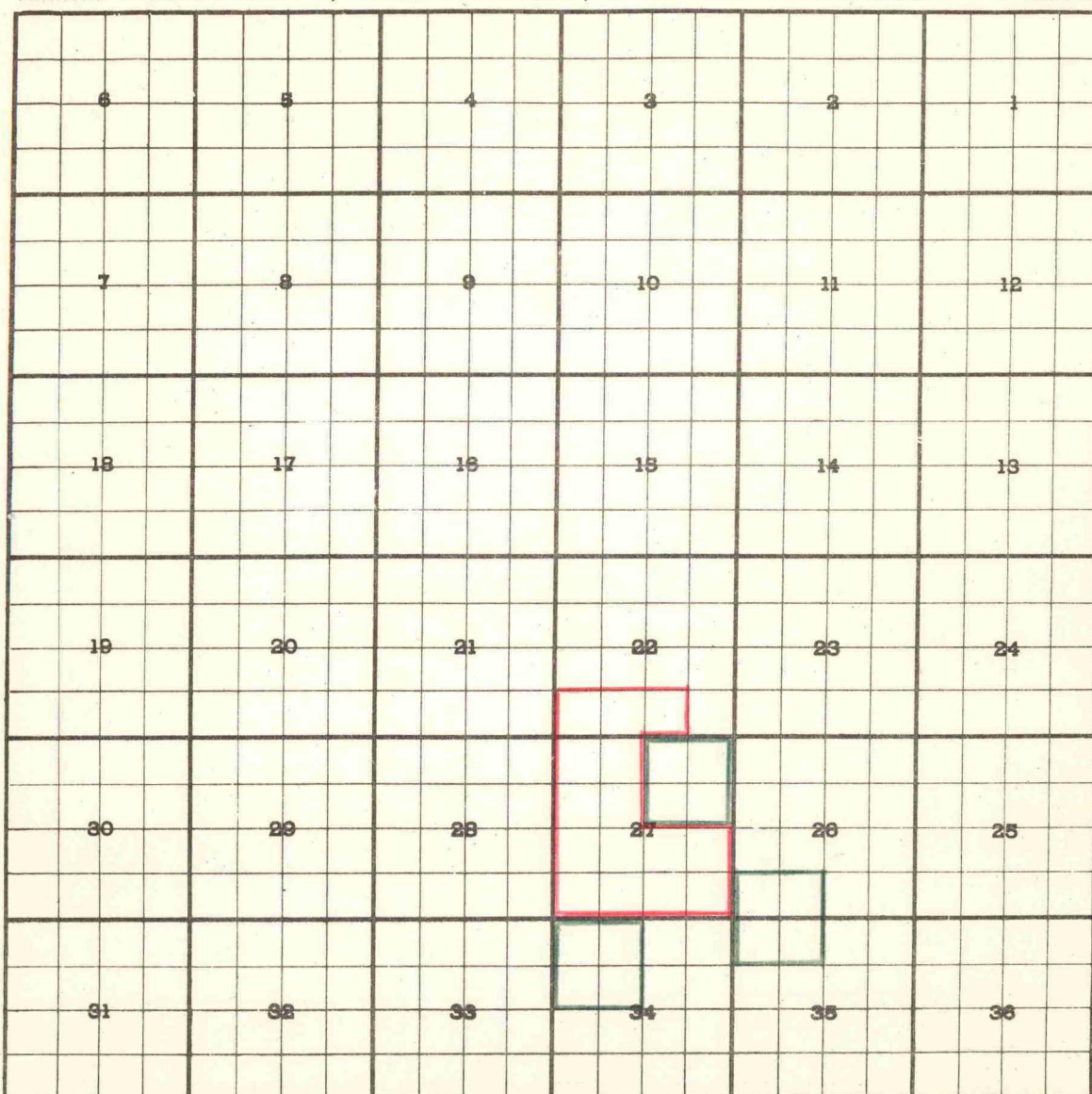


PURPOSE: One completed oil well capable of producing.

E. A. Culbertson & Wallace W. Irwin & Southern California Petroleum Corp.
Federal 13 No. 1 in Unit F of Section 13-T19S-R30E. Completed in Yates
on December 22, 1960. Top of perforations 2098'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 13: NW/4

County CHAVESPool SOUTH BITTER LAKE-SAN ANDRESTOWNSHIP 10 South, RANGE 25 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: Six (6) completed oil wells capable of producing.

J. F. McAdams - Federal No. 1 in Unit G of Sec. 27-T10S-R25E. Completed in San Andres Jan. 14, 1961. DEPTH TO CASING SHOE 901'.J. F. McAdams - Federal No. 3 in Unit B of Sec. 27-T10S-R25E. Completed in San Andres Jan. 15, 1961. DEPTH TO CASING SHOE 840'.J. F. McAdams - Federal No. 4 in Unit H of Sec. 27-T10S-R25E. Completed in San Andres Feb. 20, 1961. DEPTH TO CASING SHOE 942'.Earl G. Colton - Gorman Federal No. 1 in Unit A of Sec. 27-T10S-R25E. Completed in San Andres Dec. 15, 1960. TOP OF PERFORATIONS 944'.ADDITION-----Wayne J. Spears - J. R. Monroe No. 1 in Unit F of Sec. 34-T10S-R25E. Completed in San Andres Feb. 22, 1961. TOP OF PERFORATIONS 904'.ADDITION-----Wayne J. Spears - Zimmerman No. 1 in Unit C of Sec. 34-T10S-R25E. Completed in San Andres Feb. 1, 1961. TOP OF PERFORATIONS 1218'.

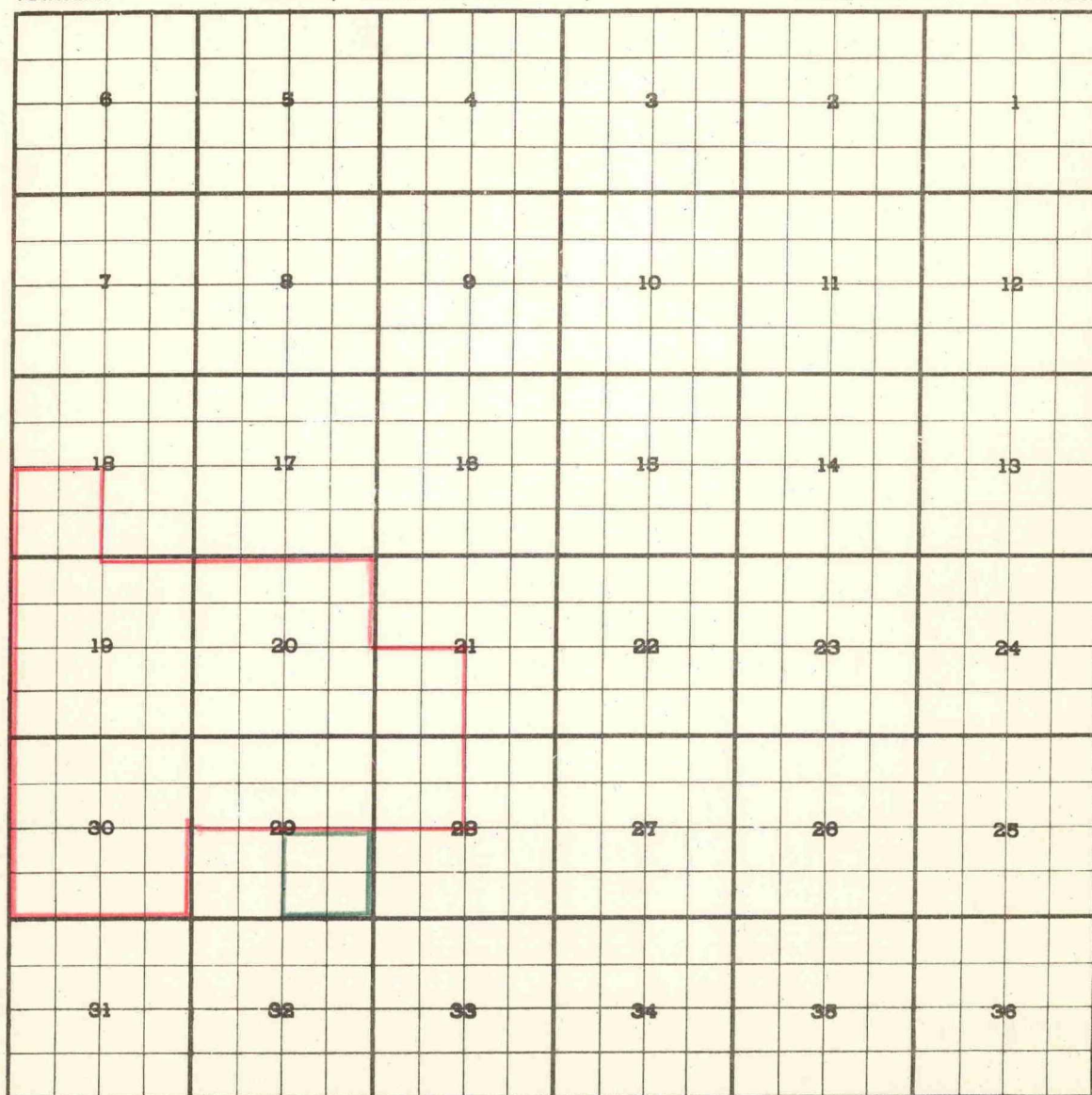
Pool boundary colored in red.

Proposed extension colored in green. SECTION 27: NE/4

ADDITION-----SECTION 26: S/2 SW/4

ADDITION-----SECTION 34: NW/4

ADDITION-----SECTION 35: N/2 NW/4

County ROOSEVELT Pool BLUITT-PENNSYLVANIANTOWNSHIP 8 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: One completed oil well capable of producing.

NEARBURG & INGRAM - Anderson No. 3 in Unit J of Section 29-T8S-R37E.

Completed in Pennsylvanian (Bough C) Feb. 5, 1961.

Top of perforations 9558'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 29: SE/4

County ROOSEVELT Pool BLUITT-PENNSYLVANIAN

TOWNSHIP 8 *South*, RANGE 37 *East*, NEW MEXICO PRINCIPAL MERIDIAN

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with 1 in the top-right corner and 36 in the bottom-left corner. A red path is drawn, starting at 18 and ending at 28. The path consists of the following cells: 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28. A small green square is drawn around the number 29.

PURPOSE: One completed oil well capable of producing.

NEARBURG & INGRAM - Anderson No. 3 in Unit J of Section 29-T8S-R37E.

Completed in Pennsylvanian (Bough C) Feb. 5, 1961.

Top of perforations 9558'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 29: SE/4

County EDDY Pool EMPIRE-ABO

TOWNSHIP 17 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN

	6	5	4	3	2	1
7	8	9	10	11	12	
13	17	16	15	14	13	
19	20	21	22	23	24	
R282	30	29	28	27	26	25
T17S	31	32	33	34	35	36

PURPOSE: As stated on page one of Exhibit (i).

CONTINENTAL OIL COMPANY - State S-30 No. 1 in Unit E of Section 30-T17S-R29E.

Completed in Abo January 20, 1961.

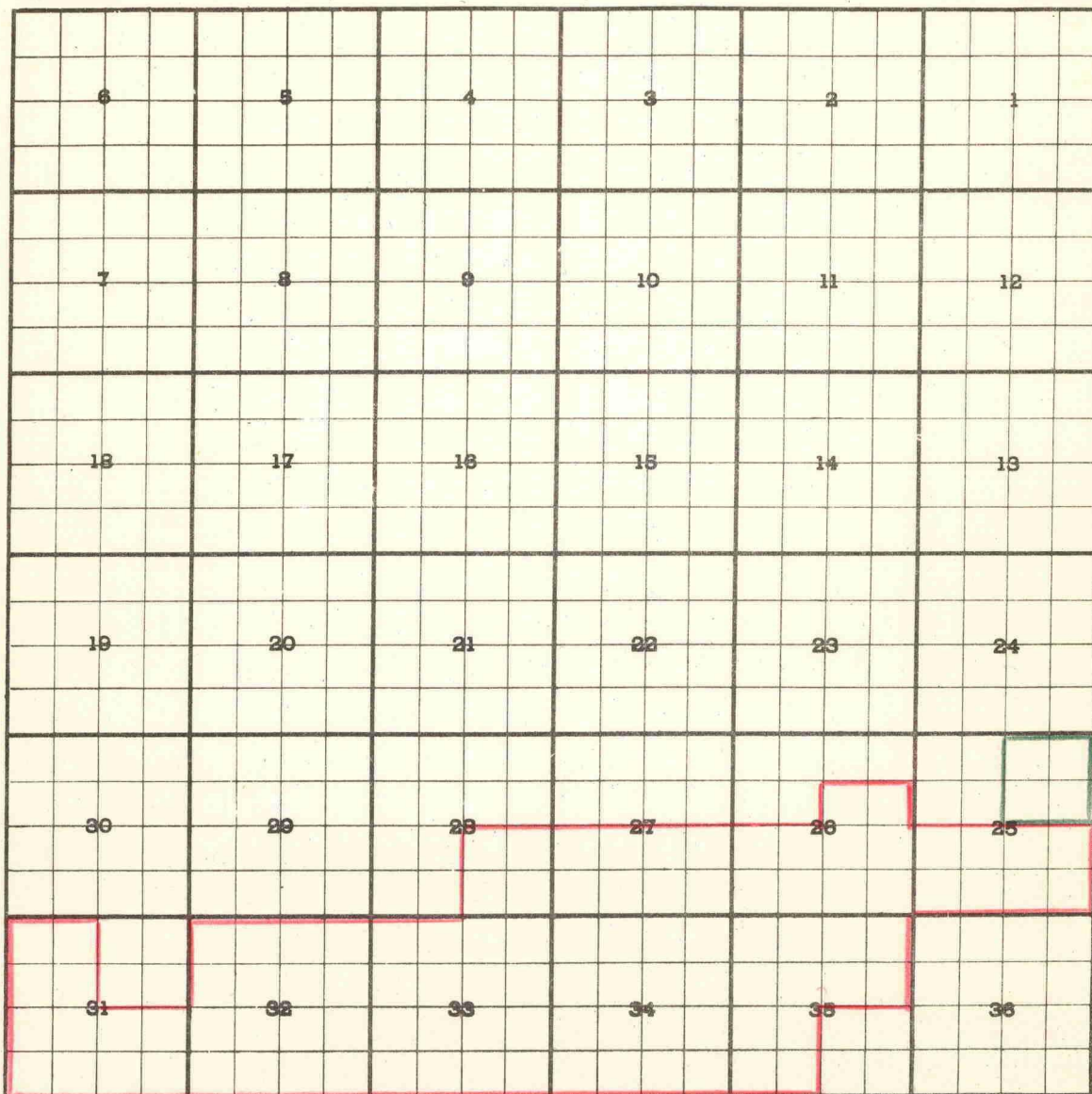
Top of perforations 6269'.

Proposed extension is contiguous to proposed extension in NE/4 of
Section 25-T17S-R28E. Proposed extension colored in green. SECTION 30: NW/4.

CONTINUED ON NEXT PAGE.

County EDDY Pool EMPIRE-ABO

TOWNSHIP 17 *South*, RANGE 28 *East*, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: Two (2) completed oil wells capable of producing.

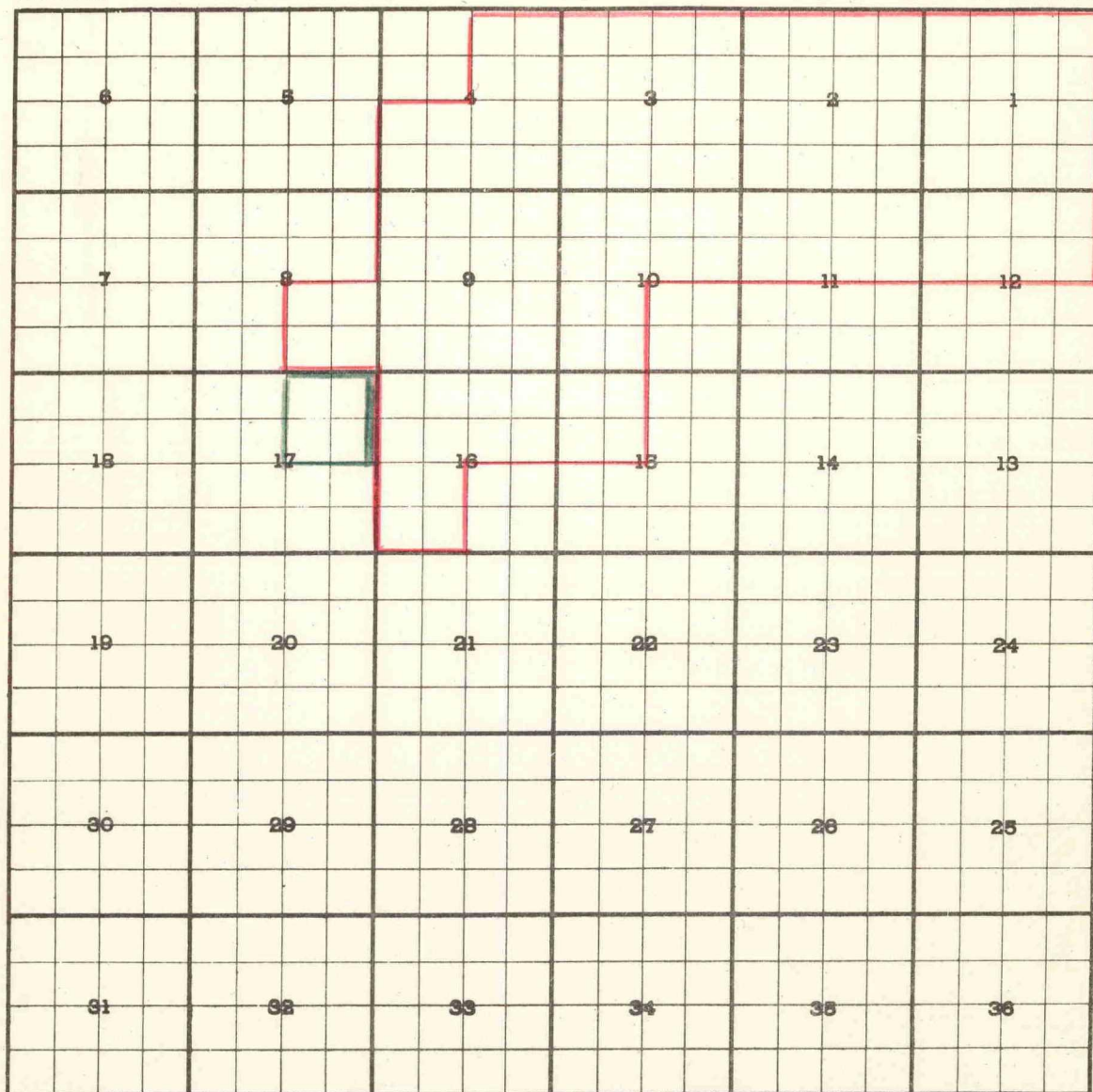
Pool boundary colored in red.

Proposed extension colored in green. SECTION 25: NE/4

Proposed extension continued on next page.

County EDDY Pool EMPIRE-ABO

TOWNSHIP 18 South, RANGE 27 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: As stated on first page of Exhibit (i).

HUMBLE OIL & REFINING COMPANY - Abo Chalk Bluff Draw Unit No. 11 in
Unit H of Section 17-T18S-R27E. Completed in Abo January 20, 1961.
Top of perforations 5456'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 17: NE/4

County LEA Pool JALMATTOWNSHIP 26 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

6	5	4	3	2	1		
7	8	9	10	11	12		
13	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 OIL WELL and ONE GAS WELL capable of producing.TEXACO INC. - C. W. Shepherd (a) No. 3 oil well in Unit H of Sec. 1-T26S-R36E.

Completed in Yates January 9, 1961.

TOP OF PERFORATIONS 2928'.

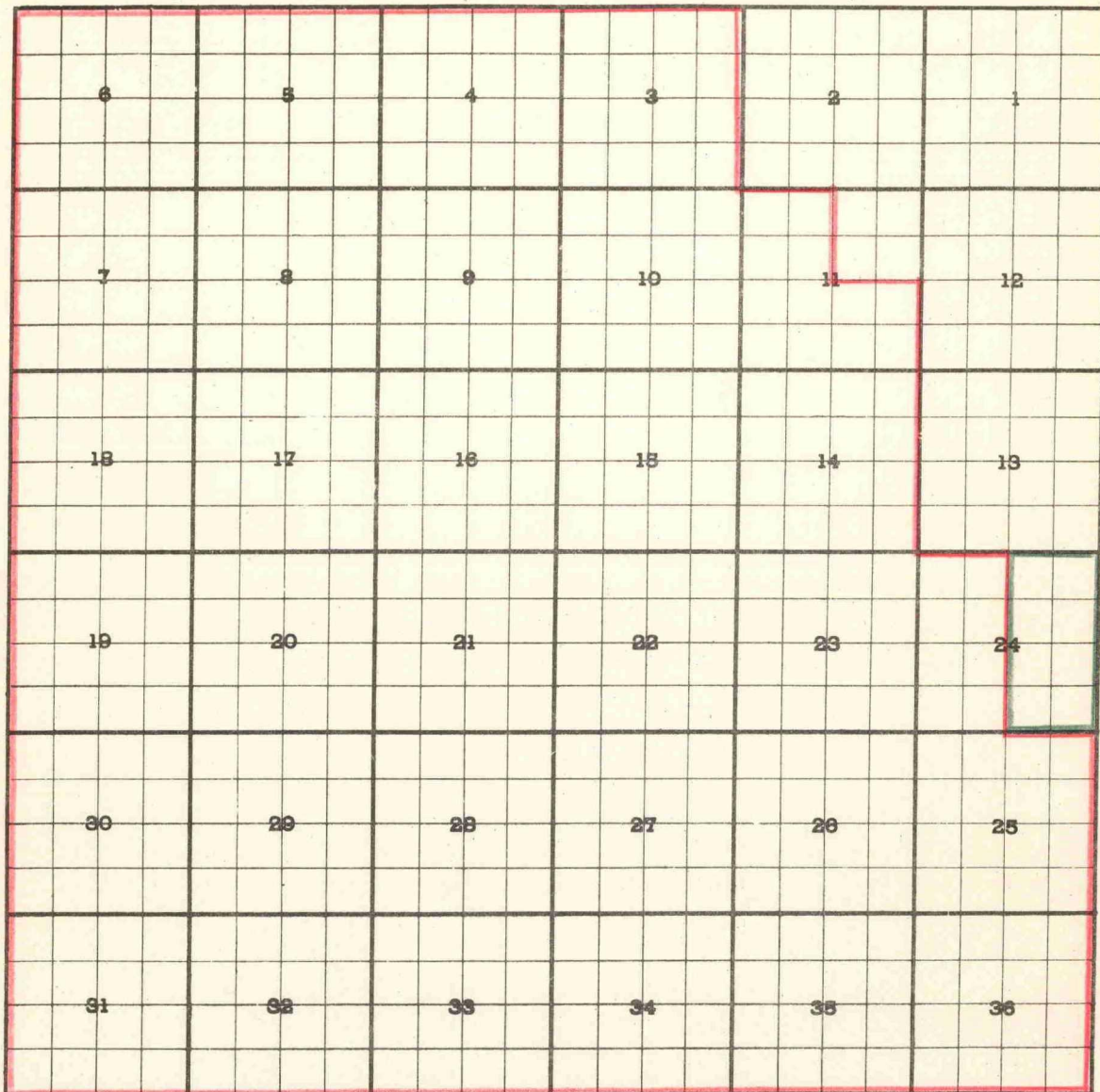
Pool boundary colored in red.

Proposed extension colored in green. SECTION 1: E/2

ADDITIONAL EXTENSION ON NEXT PAGE.

County LEA Pool JALMAT GAS

TOWNSHIP 22 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



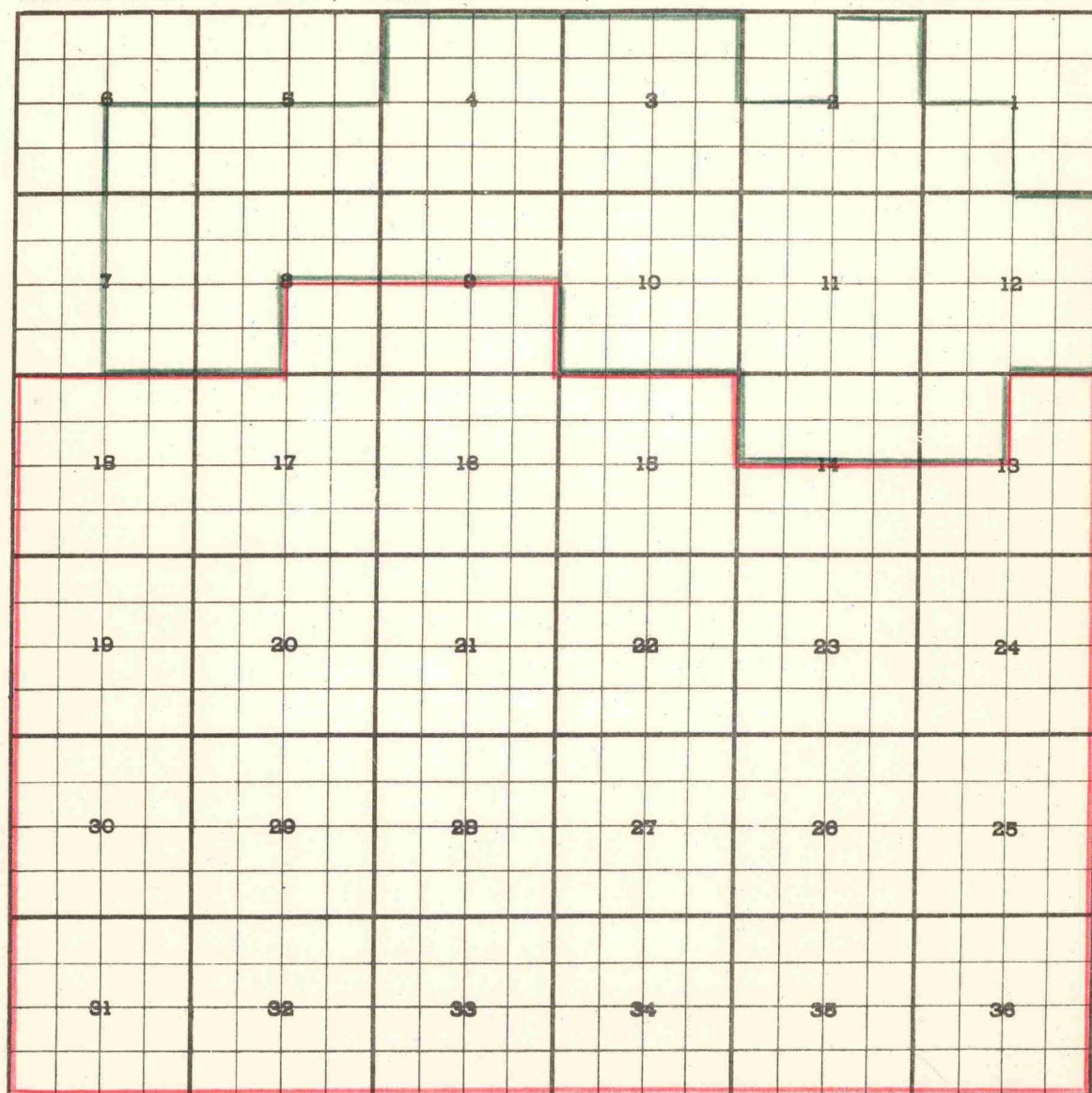
PURPOSE: As stated on first page of Exhibit (j).

WESTERN NATURAL GAS COMPANY - State McDonald No. 21 GAS WELL in Unit A of
Section 24-T22S-R36E. Completed in Yates
September 30, 1960. TOP OF PERFORATIONS 2720'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 24: E/2

THIS IS AN ADDITION

County LEA Pool MALJAMARTOWNSHIP 17 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: To include wells in North Maljamar Pool and Roberts Pool plus
21 undesignated wells in the Maljamar Pool.

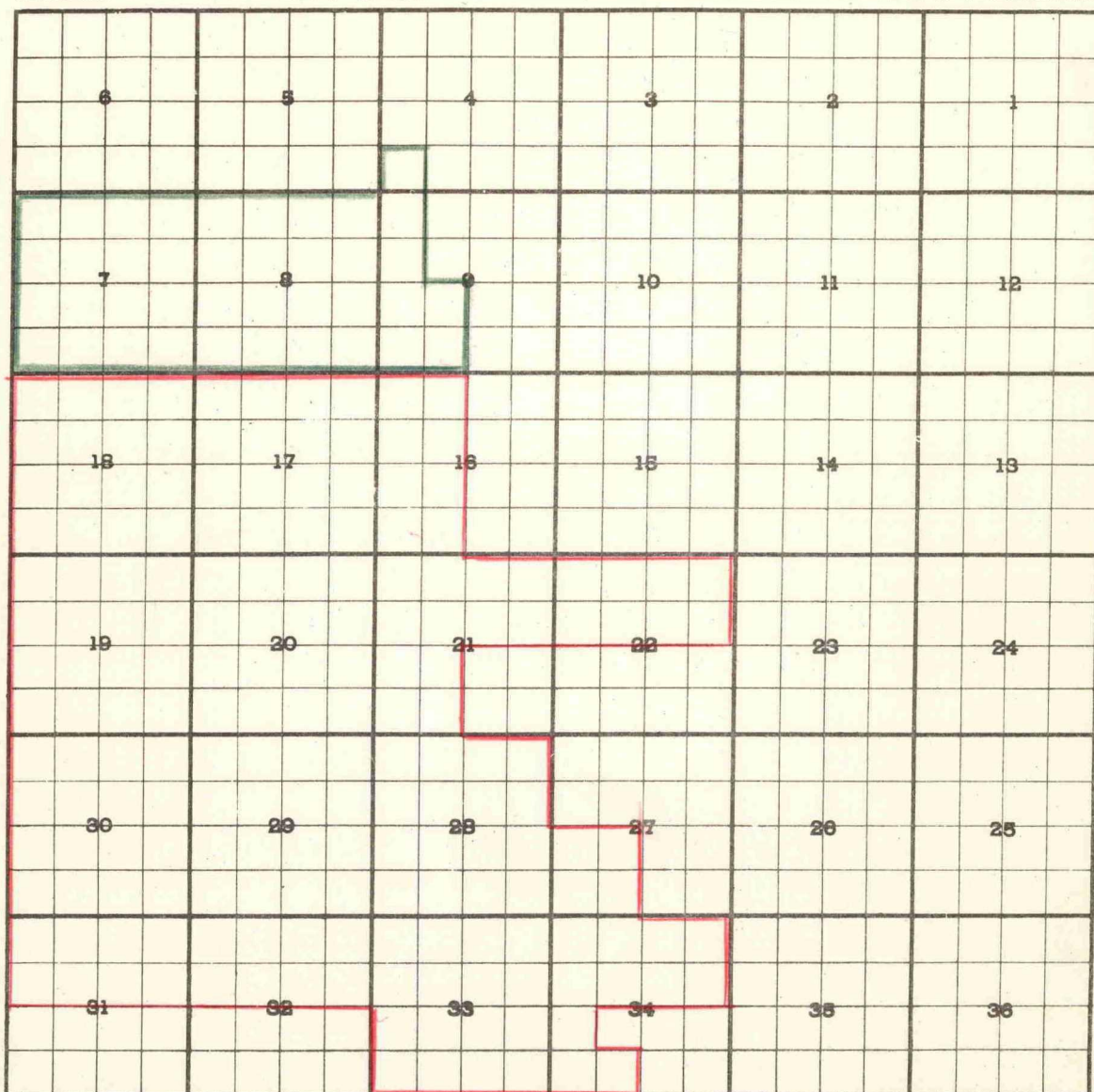
Pool boundary colored in red.

Proposed extensions colored in green.	SECTION 1: SW/4	SECTION 9: N/2
	SECTION 2: NE/4 and S/2	SECTION 10: All
	SECTION 3: All	SECTION 11: All
	SECTION 4: All	SECTION 12: All
	SECTION 5: S/2	SECTION 13: NW/4
	SECTION 6: SE/4	SECTION 14: N/2
	SECTION 7: E/2	
	SECTION 8: N/2 and SW/4	

CONTINUED ON NEXT PAGE.

County LEA Pool MALAJAMAR

TOWNSHIP 17 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: As stated on first page of Exhibit (k).

Pool boundary colored in red.

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

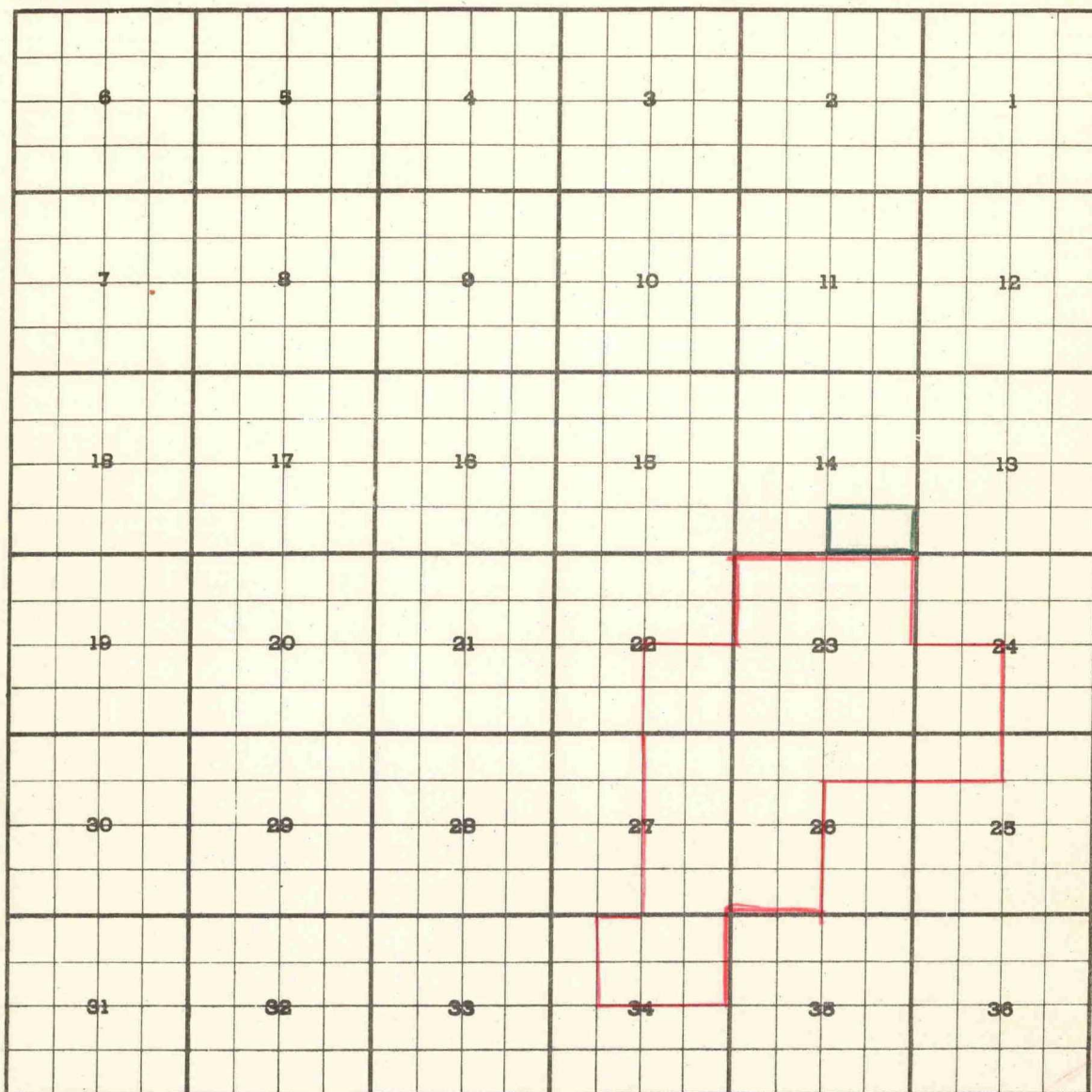
SECTION 7: All

SECTION 8: All

SECTION 9: W/2 NW/4 and SW/4

County LEA Pool RANGER LAKE-PENNSYLVANIAN

TOWNSHIP 12 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



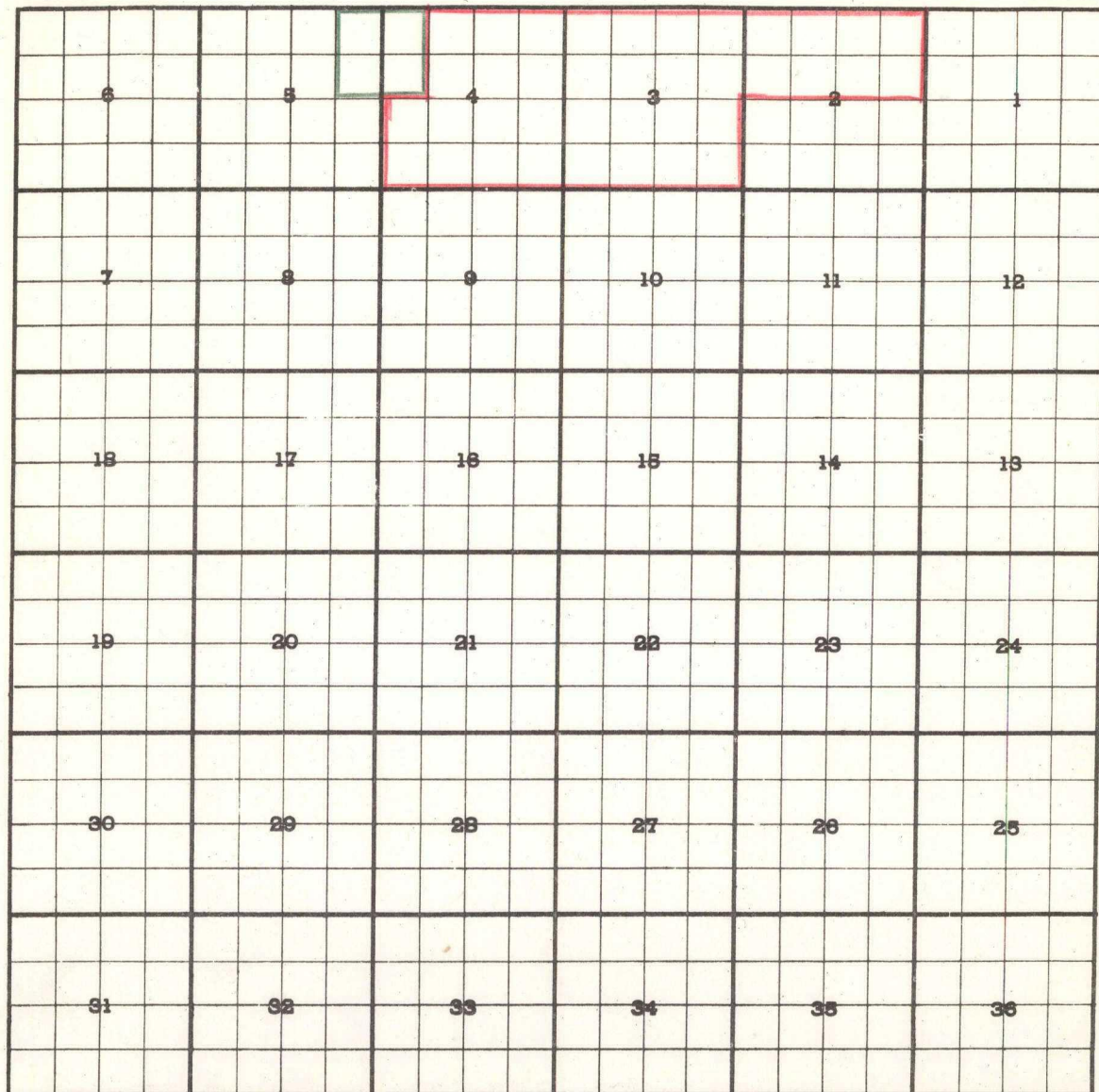
PURPOSE: One completed oil well capable of producing.

J. I. O'NEILL, JR. - State "I" No. 1 in Unit P of Section 14-T12S-R34E.
Completed in Pennsylvanian January 15, 1961.

TOP OF PERFORATIONS 10,276'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 14: S/2 SE/4

County EDDY Pool SHUGARTTOWNSHIP 19 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: Three (3) completed oil wells capable of producing.

CARPER DRILLING CO. INC. - Carper Nickson No. 1 in Unit D of Sec. 4-T19S-R31E.

Completed in Queen January 20, 1961. Depth to casing shoe 3273'.

DONNELLY DRILLING CO. INC. - Federal No. 1 in Unit H of Sec. 5-T19S-R31E.

Completed in Queen December 7, 1960. TOP OF PERFORATIONS 3316'.

DONNELLY DRILLING CO. INC. - Federal No. 2 in Unit A of Sec. 5-T19S-R31E.

Completed in Queen February 7, 1961. TOP OF PERFORATIONS 3329'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 4: W/2 NW/4

SECTION 5: E/2 NE/4

County LEA Pool WEST TEAS-YATES

TOWNSHIP 20 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN

	6	5	4	3	2	1
7	8	9	10	11	12	
13	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.

CITIES SERVICE PETROLEUM COMPANY - State BF No. 2 in Unit K of Section 16-T20S-R33E. Completed in Yates January 28, 1961. TOP OF PERFORATIONS 3094'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 16: SW/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 THE STATE OF
NEW MEXICO FOR THE PURPOSE
OF CONSIDERING:

CASE No. 2216
Order No. R-1907

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, 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 o'clock a.m. on March 15, 1961, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 17th day of March, 1961, 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 pool in Eddy County, New Mexico, for the production of oil from the Yates formation, said pool to bear the designation South Benson-Yates Pool. Said South Benson-Yates Pool was discovered by G. W. Strake, Union Federal Well No. 1, located in the SE/4 of Section 23, Township 19 South, Range 30 East, NMPM. It was completed December 20, 1960. The top of perforations is at 1742 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation Double X-Delaware Pool. Said Double X-Delaware Pool was discovered by Tennessee Gas Transmission Company, U. S. Smelting Well No. 1, located in the NE/4 of Section 22, Township 24 South, Range 32 East, NMPM. It was completed January 18, 1961. The top of perforations is at 4919 feet.

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CASE No. 2216
Order No. R-1907

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation Spencer-Pennsylvanian Pool. Said Spencer-Pennsylvanian Pool was discovered by J. C. Williamson, Lovington State Well No. 1, located in the NE/4 of Section 25, Township 17 South, Range 36 East, NMPM. It was completed January 26, 1961. The top of perforations is at 9698 feet.

(5) That there is need for the abolishment of the North Maljamar Pool and the Roberts Pool, both in Lea County, New Mexico, and thereby be included in the extension of the Maljamar Pool, as they are contiguous and produce from the same reservoir.

(6) That there is need for certain extensions to the South Bitter Lake-San Andres Pool in Chaves County, New Mexico, to the East Benson-Yates Pool, the Empire-Abo Pool, and the Shugart Pool, all in Eddy County, New Mexico, to the Jalmat Gas Pool, the Maljamar Pool, the Ranger Lake-Pennsylvanian Pool, and the West Teas-Yates Pool, all in Lea County, New Mexico, and to the Bluit-Pennsylvanian Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for Yates production, be and the same is hereby created and designated as the South Benson-Yates Pool, consisting of the following-described area:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 23: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 22: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 25: NE/4

(d) That the North Maljamar Pool in Lea County, New Mexico, as heretofore classified, defined, and described, and consisting

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CASE No. 2216
Order No. R-1907

of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 5: SW/4
Section 6: SE/4
Section 7: NE/4
Section 8: NW/4

be and the same is hereby abolished.

(e) That the Roberts Pool in Lea County, New Mexico, as heretofore classified, defined, and described, and consisting of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 1: S/2
Section 2: S/2
Section 3: All
Section 10: N/2
Section 11: All
Section 12: All

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 4: SW/4 SW/4
Section 6: S/2
Section 7: All
Section 8: All
Section 9: W/2 NW/4 and SW/4

be and the same is hereby abolished.

(f) That the East Benson-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 13: NW/4

(g) That the South Bitter Lake-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM
Section 26: S/2 SW/4
Section 27: NE/4
Section 34: NW/4
Section 35: N/2 NW/4

(h) That the Bluit-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, be

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CASE No. 2216
Order No. R-1907

and the same is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 29: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 25: NE/4

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 30: NW/4

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 17: NE/4

(j) That the Jalmat Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM
Section 24: E/2

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM
Section 1: E/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 1: SW/4
Section 2: NE/4 and S/2
Section 3: All
Section 4: All
Section 5: S/2
Section 6: SE/4
Section 7: E/2
Section 8: N/2 and SW/4
Section 9: N/2
Section 10: All
Section 11: All
Section 12: All
Section 13: NW/4
Section 14: N/2

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 4: SW/4 SW/4
Section 7: All
Section 8: All
Section 9: W/2 NW/4 and SW/4

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CASE No. 2216
Order No. R-1907

(1) That the Ranger Lake-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 14: S/2 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
Section 4: W/2 NW/4
Section 5: E/2 NE/4

(n) That the West Teas-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM
Section 16: SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, and extensions included herein shall be April 1, 1961.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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

