

CASE 2216:

SOUTHEASTERN NEW MEXICO

NOMENCLATURE

Case No.

2216

Application, Transcript,
Small Exhibits, Etc.

NOMENCLATURE ADVERTISEMENT FOR MARCH 1961

CASE NO. 2716

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 and the abolishment and 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, abolishments, and extensions should not be made.

- a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Yates production, designated as the South Benson-Yates Pool, and described as:

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

- b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production, designated as the Double X-Delaware Pool, and described as:

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

- c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Spencer-Pennsylvanian Pool, and described as:

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

- d) ABOLISH the North Maljamar Pool in Lea County, New Mexico, described as:

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

- e) ABOLISH the Roberts Pool in Lea County, New Mexico described as:

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

e) CONTINUED

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

- f) EXTEND the East Benson-Yates Pool in Eddy County, New Mexico, to include therein:

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

- g) EXTEND the South Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM
SECTION 27: NE/4

- h) EXTEND the Eluitt-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

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

- i) EXTEND the Empire-Abo Pool in Eddy County, New Mexico, 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) EXTEND the Jalmat Gas Pool in Lea County, New Mexico, to include therein:

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

- k) EXTEND the Maljamar Pool in Lea County, New Mexico, 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

k) CONTINUED.

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

1) EXTEND the Ranger Lake-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

SECTION 14: S/2 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM

SECTION 4: W/2 NW/4
SECTION 5: E/2 NE/4

n) EXTEND the West Teas-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

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
CEAVES, 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, NMPK. 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, NMPK
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, NMPK
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, NMPK
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. B-1007

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: W/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 Bluitt-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 26 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

(l) 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:

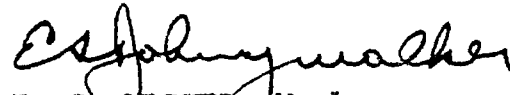
That the effective date of this order and all creations, abolishments, and extensions included herein shall be April 1, 1961.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



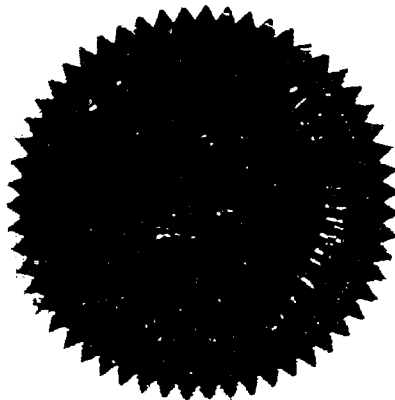
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
March 15, 1961

IN THE MATTER OF:)

Southeastern New Mexico Nomenclature)
case calling for an order creating)
new pools and extending existing pools)
in Lea, Eddy, Chaves and Roosevelt)
Counties, New Mexico.)

Case 2216

BEFORE: Honorable Edwin L. Mechem
Mr. A. L. Porter, Chairman
Mr. E. S. (Johnny) Walker
Mr. O. E. Payne

TRANSCRIPT OF HEARING

MR. PORTER: The next case on the docket is Case 2216.

MR. PAYNE: Case 2216. Southeastern New Mexico
nomenclature case calling for an order creating new pools and
extending existing pools in Lea, Eddy, Chaves and Roosevelt
Counties, New Mexico.

(Witness sworn.)

ERIC F. ENGBRECHT

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

DIRECT EXAMINATION

BY MR. PAYNE:

Q Please state your name and position.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

ALBUQUERQUE, NEW MEXICO



A Eric F. Engbrecht, Engineer, District 1 of the New Mexico Oil Conservation Commission.

Q In your capacity as Engineer with the New Mexico Oil Conservation Commission, have you made a study concerning the necessity of creating new pools and extending existing pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico?

A Yes, sir.

Q What are your recommendations concerning the Yates production?

A It is recommended that a new oil pool be created and designated as South Benson-Yates Pool, the vertical limits to be at the Yates formation and horizontal should be as shown on Exhibit A. The discovery well is the G. W. Strake Union Federal No. 1 in Unit P of Section 23, Township 19 South, Range 30 East. It was completed in the Yates December 20, 1960. Top of perforations is 1742 feet.

Q What are your recommendations concerning Delaware production?

A It is recommended that a new oil pool be created to be designated as the Double X-Delaware Pool. The vertical limit to be in the Delaware, the horizontal limit as shown on Exhibit B. The discovery well was the Tennessee Gas Transmission Company's U. S. Smelting No. 1 in Unit B of Section 22, Township 24 South, Range 32 East, completed in Delaware Sand January 18,

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



1961; top of perforations 4919 feet.

Q What are your recommendations concerning creation of an oil pool for Pennsylvanian production?

A It is recommended a new oil pool be created for Pennsylvanian production and designated as the Spencer-Pennsylvanian Pool, the vertical limits to be in the Pennsylvanian formation and the horizontal limit to be as shown on Exhibit C. The discovery well was the J. C. Williamson Lovington State No. 1 in Unit B of Section 25, Township 17 South, Range 36 East, and was completed in the Pennsylvanian January 26, 1961; top of the perforation at 9698 feet.

Q What is your recommendation concerning the North Maljamar Pool?

A I recommend the North Maljamar Pool be abolished as shown in Exhibit D, and the Maljamar Pool be extended to include these areas, as horizontal limits and vertical limits of these two pools are the same.

Q What are your recommendations concerning the Roberts Pool?

A I recommend they be abolished as shown in Exhibit E. The Maljamar will be extended to include the horizontal and vertical limits of these two pools.

Q What are your recommendations concerning the East Benson-Yates Pool?

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



A I recommend this pool be extended as shown on Exhibit F on the basis of one well capable of producing, completed therein.

Q What are your recommendations concerning the extension of the South Bitter Lake-San Andres Pool?

A I recommend this pool be extended as shown on Exhibit G on the basis of six wells capable of producing, completed therein.

Q What are your recommendations concerning the Bluitt-Pennsylvanian Pool?

A It is recommended that the pool boundary be extended as shown on Exhibit H on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Empire-Abo Pool?

A It is recommended that this pool be extended as shown on Exhibit I on the basis of two wells completed therein.

Q What are your recommendations concerning the extension of the Jalmat Gas Pool?

A It is recommended that this pool be extended as shown on Exhibit J on the basis of two wells completed therein.

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

A It is recommended that this pool be extended as shown on Exhibit K on the basis of including wells in the North Maljamar Pool and Roberts Pool plus twenty-one undesignated wells

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



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.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CN 3-6691

ALBUQUERQUE, NEW MEXICO



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 25th day of April, 1961.

Pat Gomia

NOTARY PUBLIC

My commission expires:

DEARNLEY-MEIER REPORTING SERVICE, Inc.

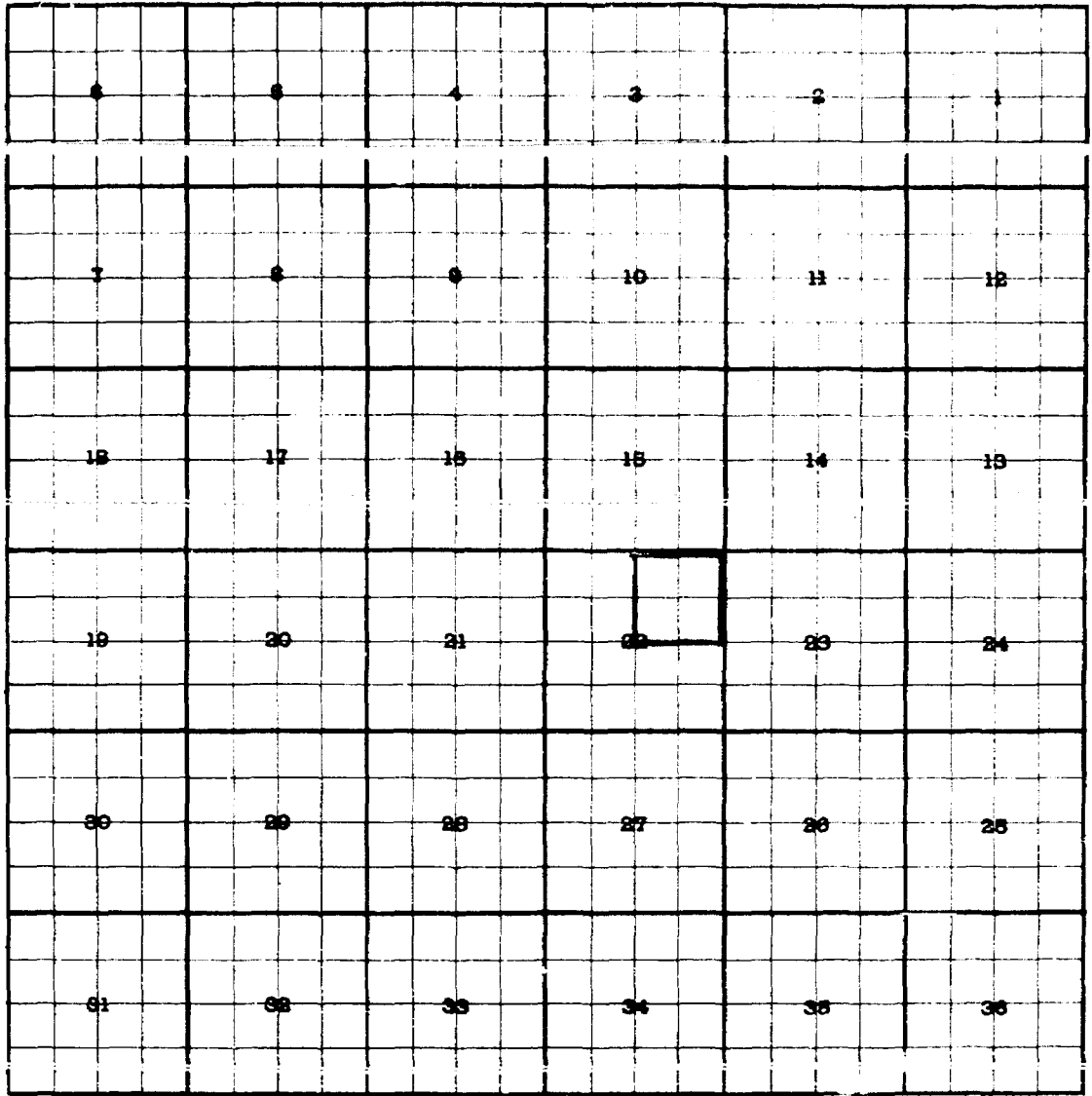
PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



County _____ LEA _____ Pool DOUBLE X-DELAWARE

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



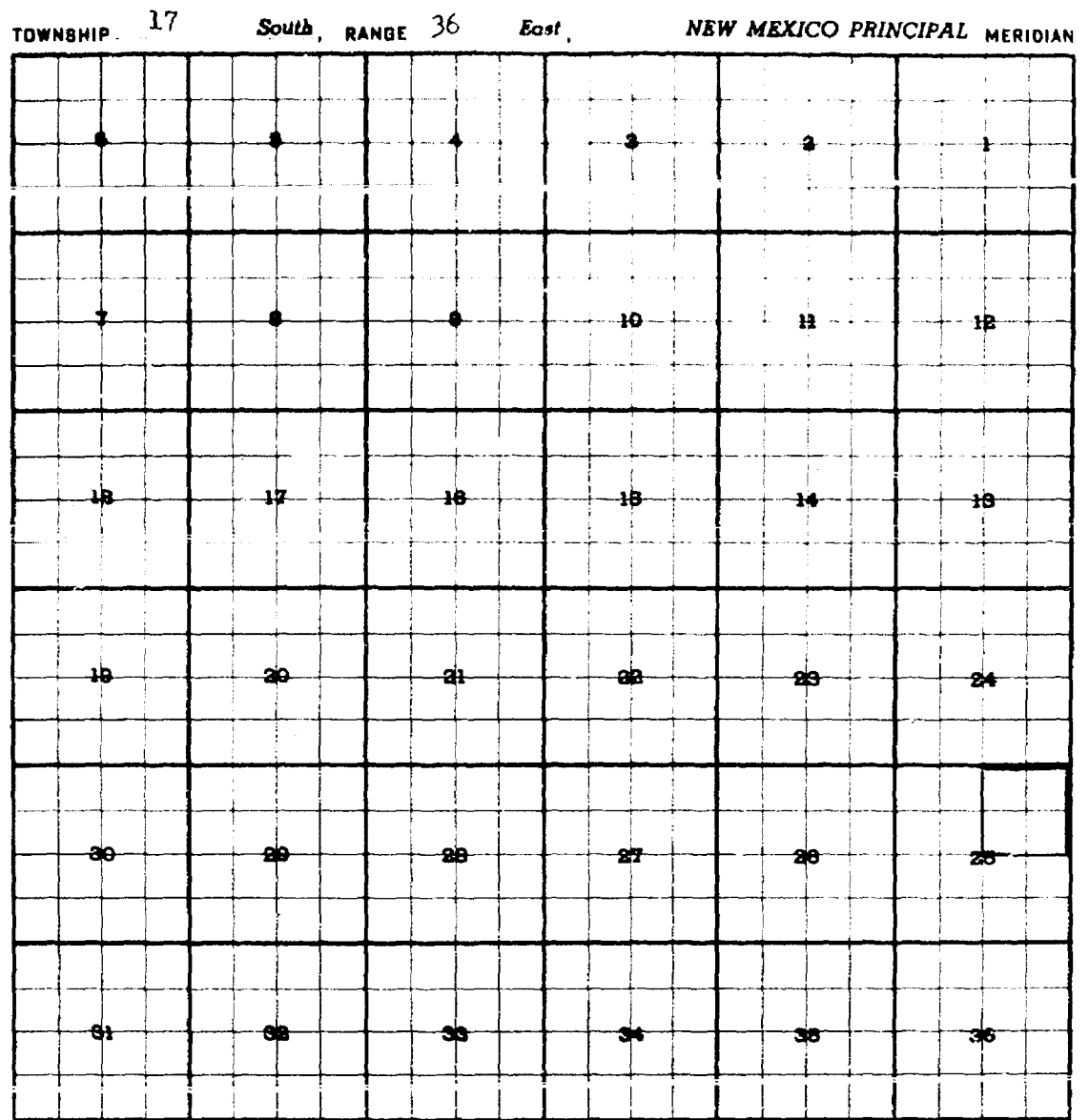
PURPOSE: One completed oil well capable of producing.

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

CASE 2216: (c) CREATION OF AN OIL POOL

County LEA Pool SPENCER-PENNSYLVANIAN



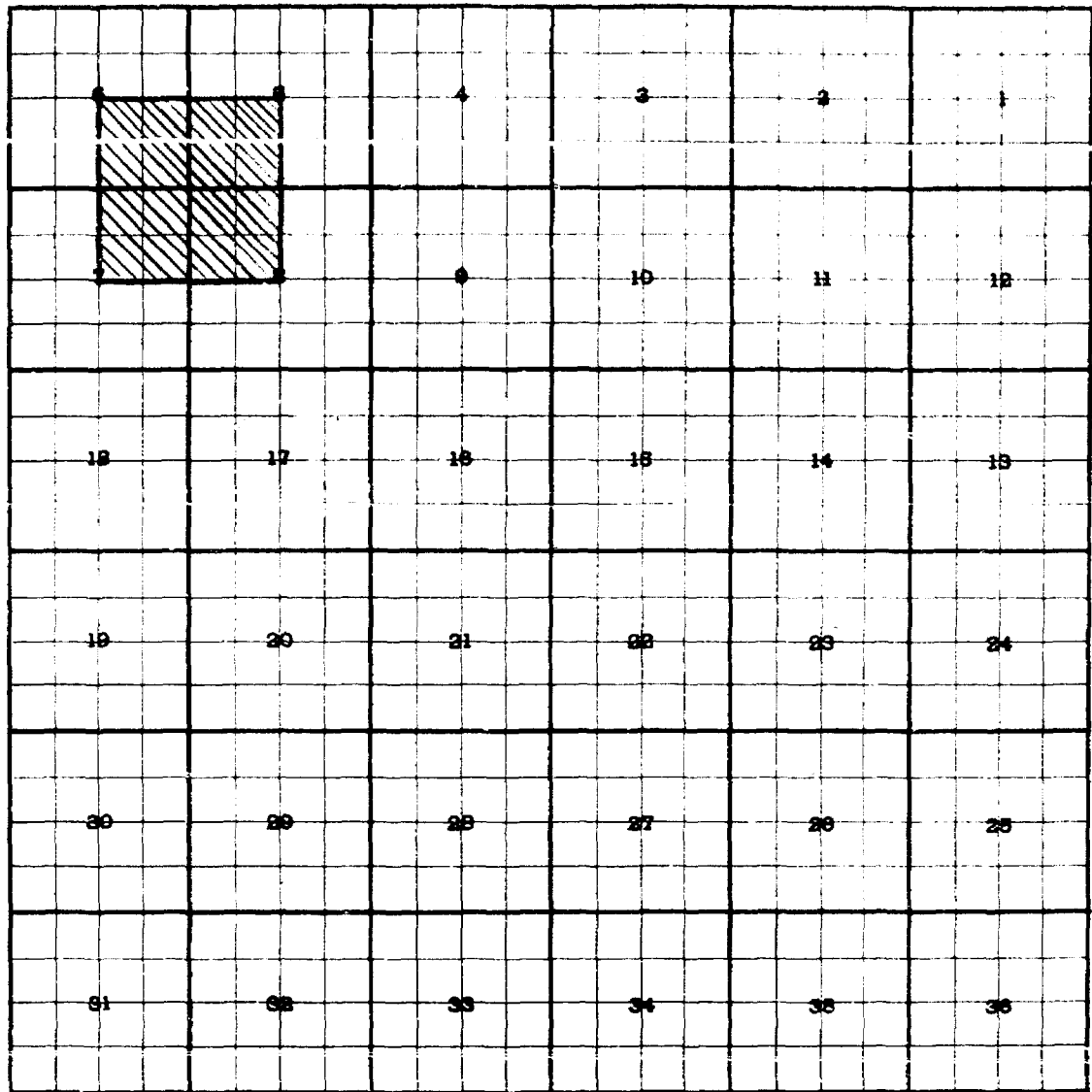
PURPOSE: One completed oil well capable of producing.

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

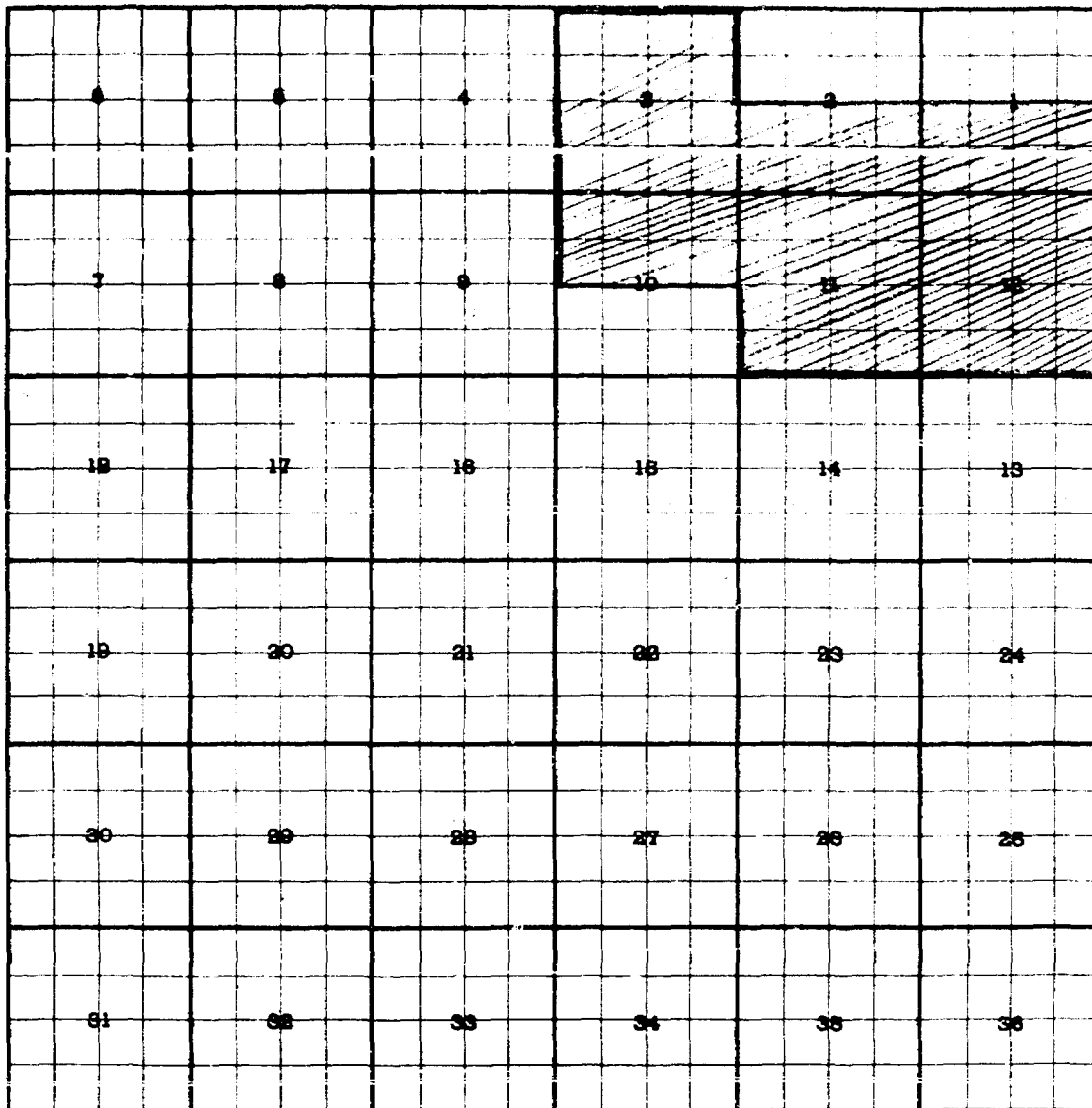


PURPOSE: TO ABOLISH THIS POOL AND ADD IT TO THE MALJAMAR POOL AS THEY
HAVE THE SAME RESERVOIR.

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

County LEA Pool ROBERTS

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



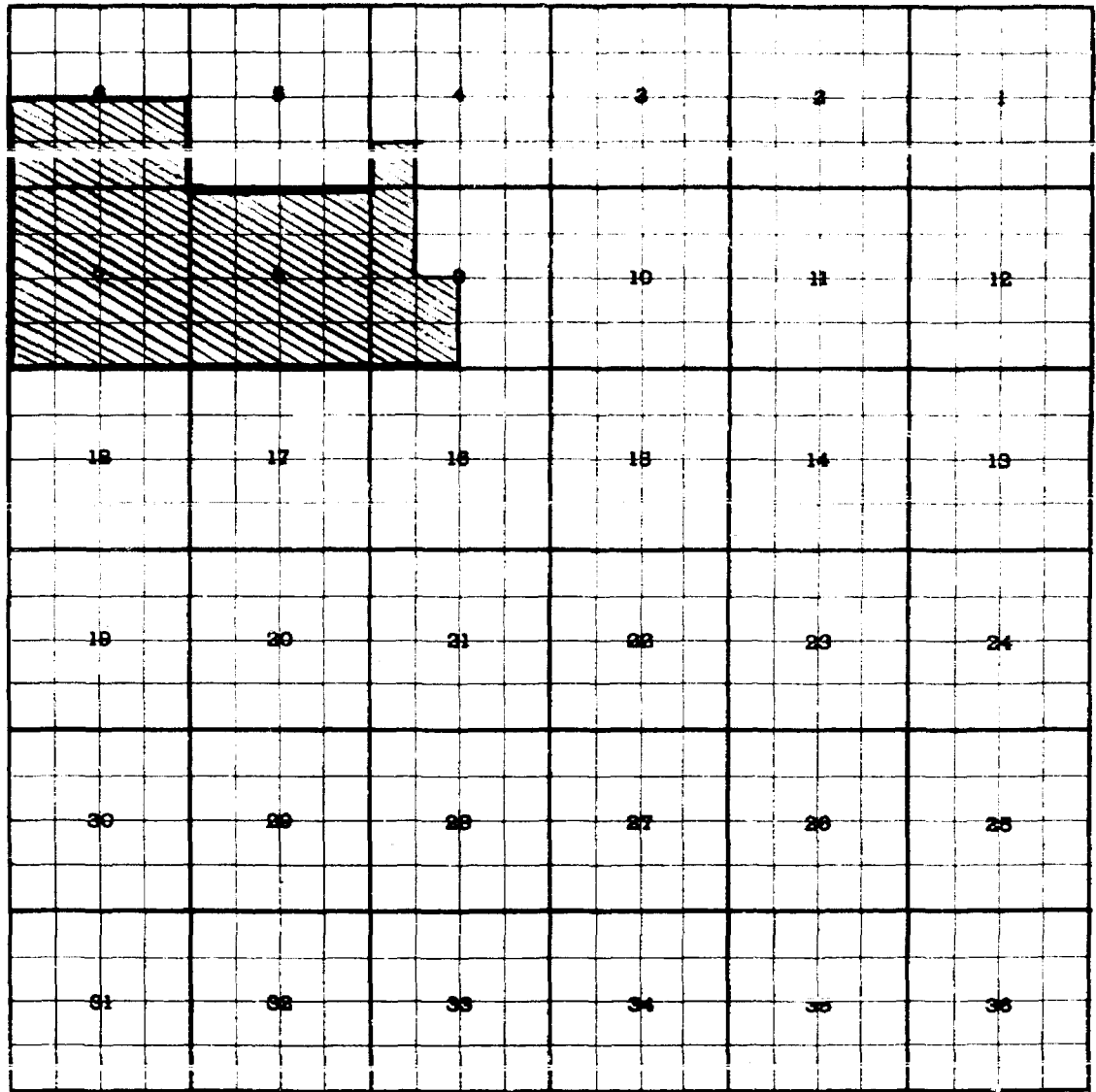
PURPOSE: TO ABOLISH THIS POOL AND ADD IT TO THE MALJAMAR POOL BECAUSE
THEY ARE CONTIGUOUS AND HAVE SAME RESERVOIR.

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.

County LEA Pool ROBERTS

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

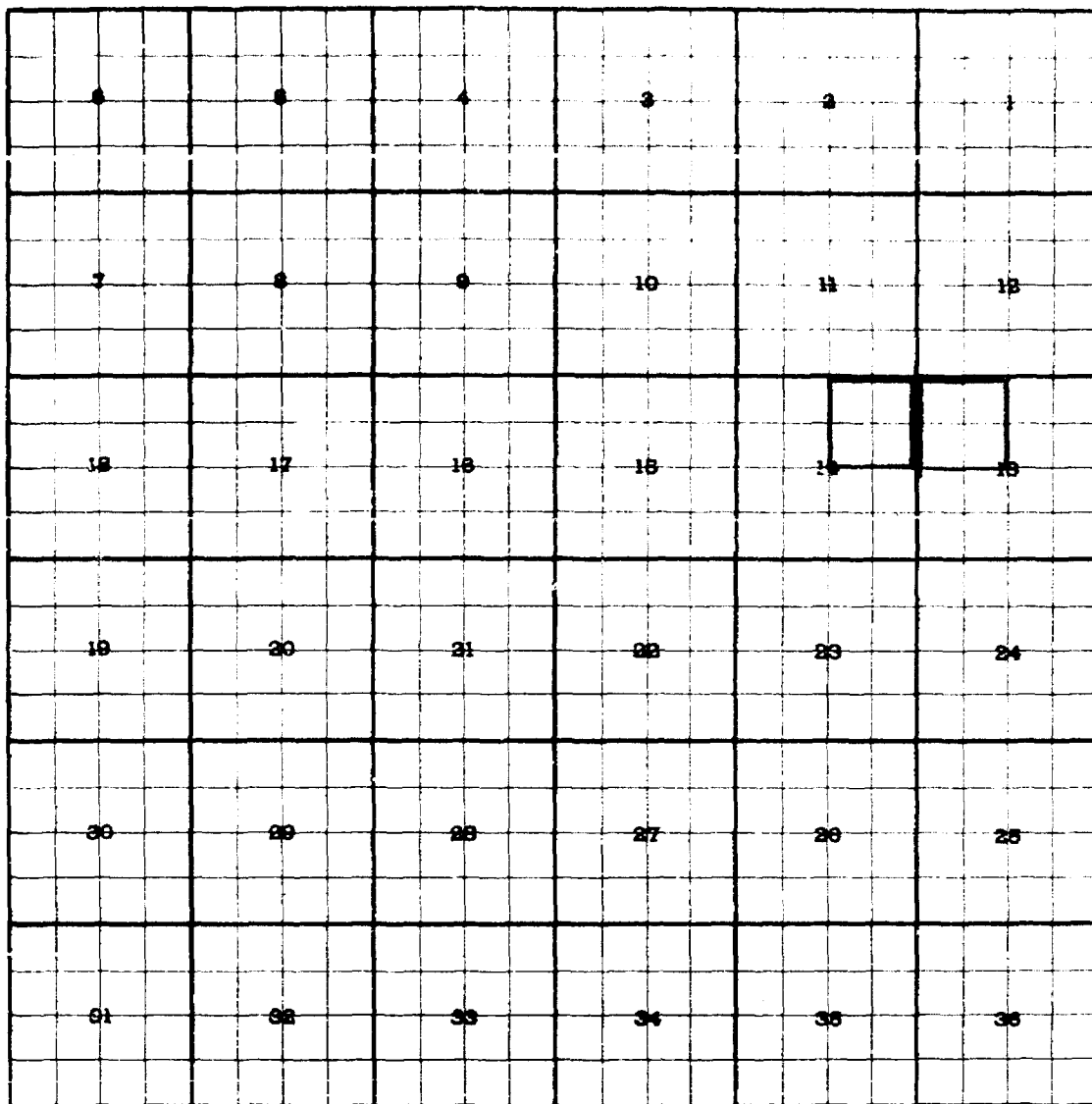


PURPOSE: As stated on first page of Exhibit (e).

- 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'.

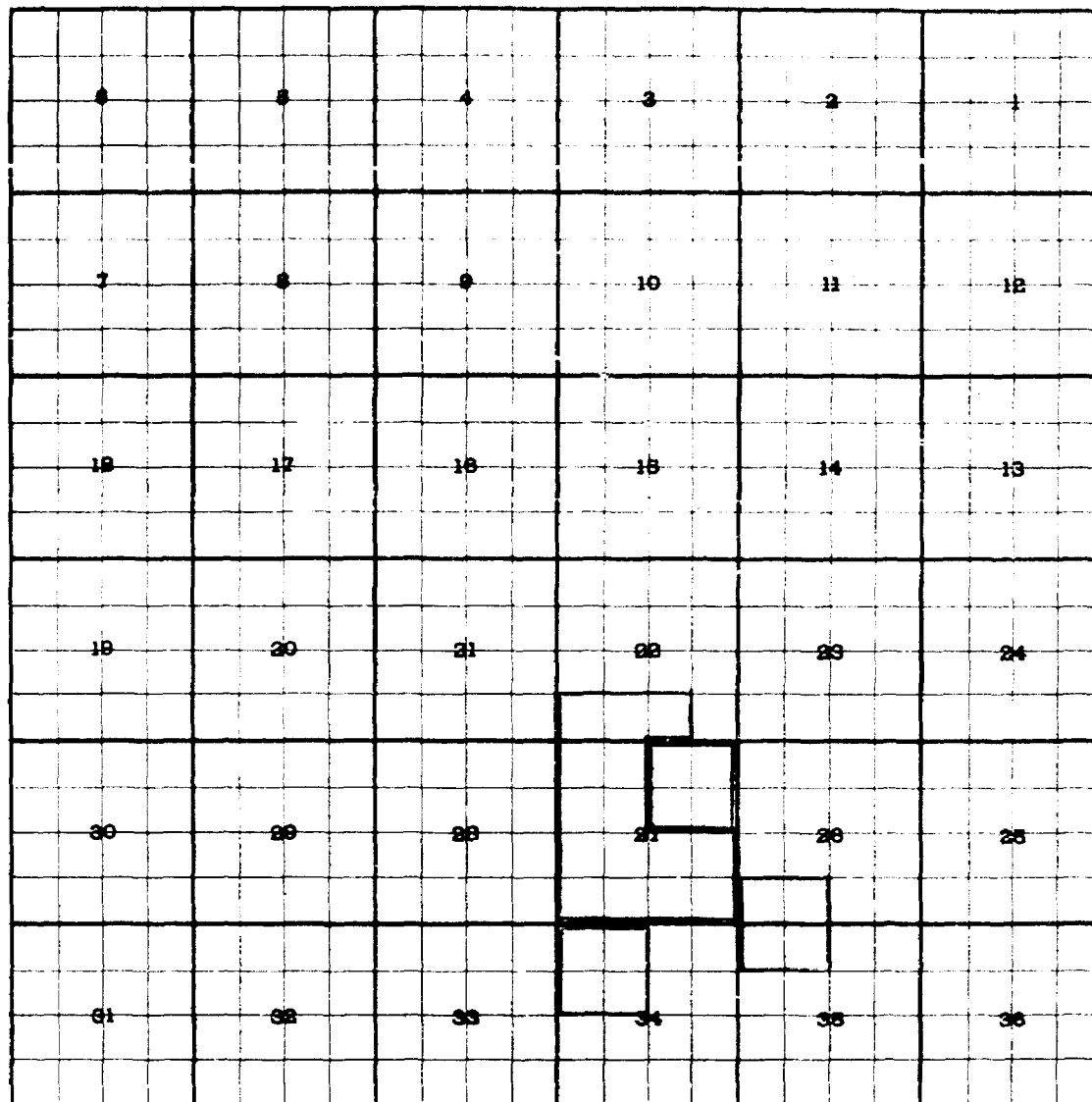
Pool boundary colored in red.

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

County CHAVES

Pool SOUTH BITTER LAKE-SAN ANDRES

TOWNSHIP 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'.

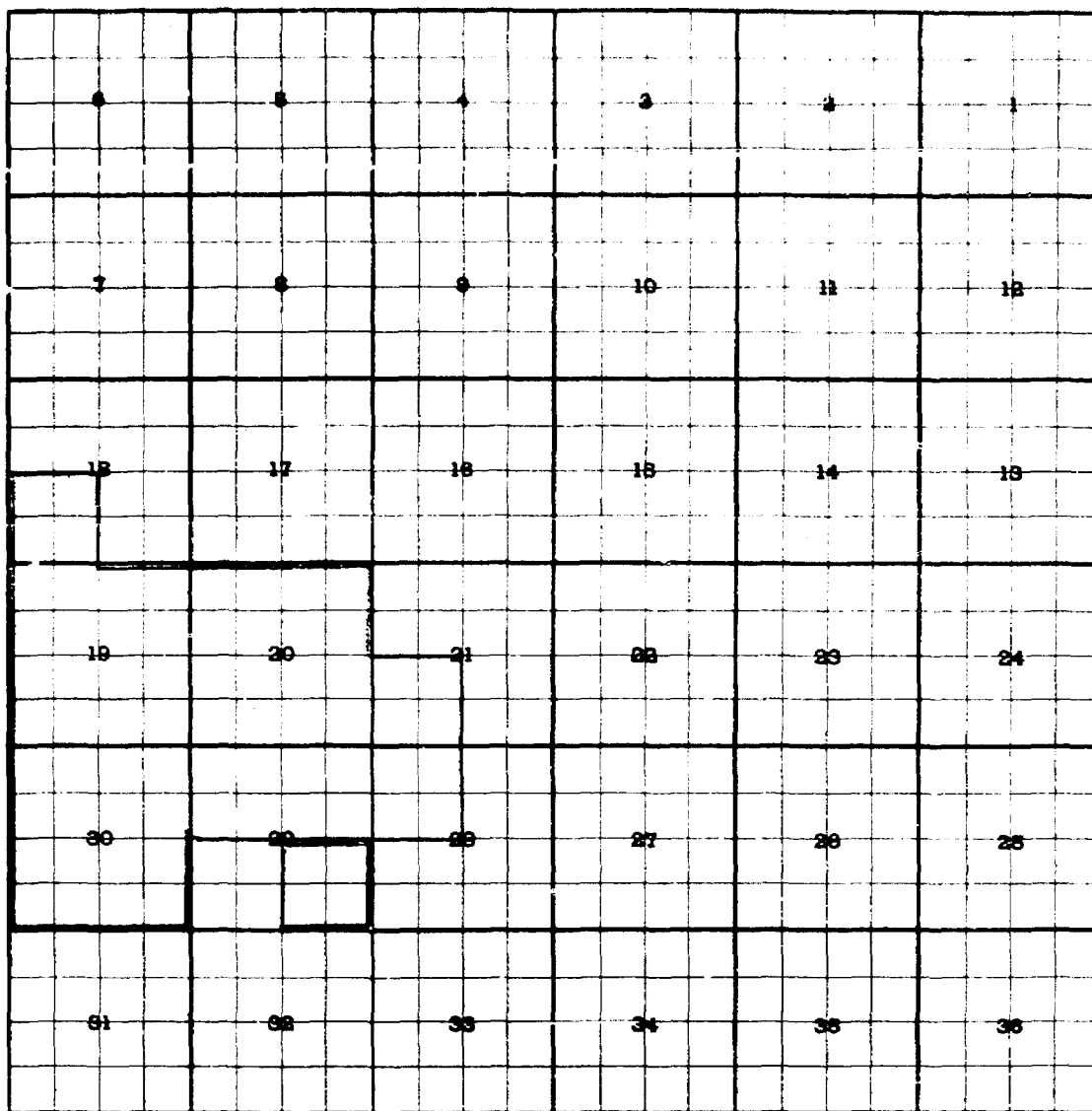
ADDITION Wayne J. Spears - Zimmerman No. 1 in Unit C of Sec. 34-T10S-R25E. Completed in San Andres Feb. 1, 1961. TOP OF PERFORATIONS 1218'.

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-PENNSYLVANIAN

TOWNSHIP 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-T83-R37E.

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

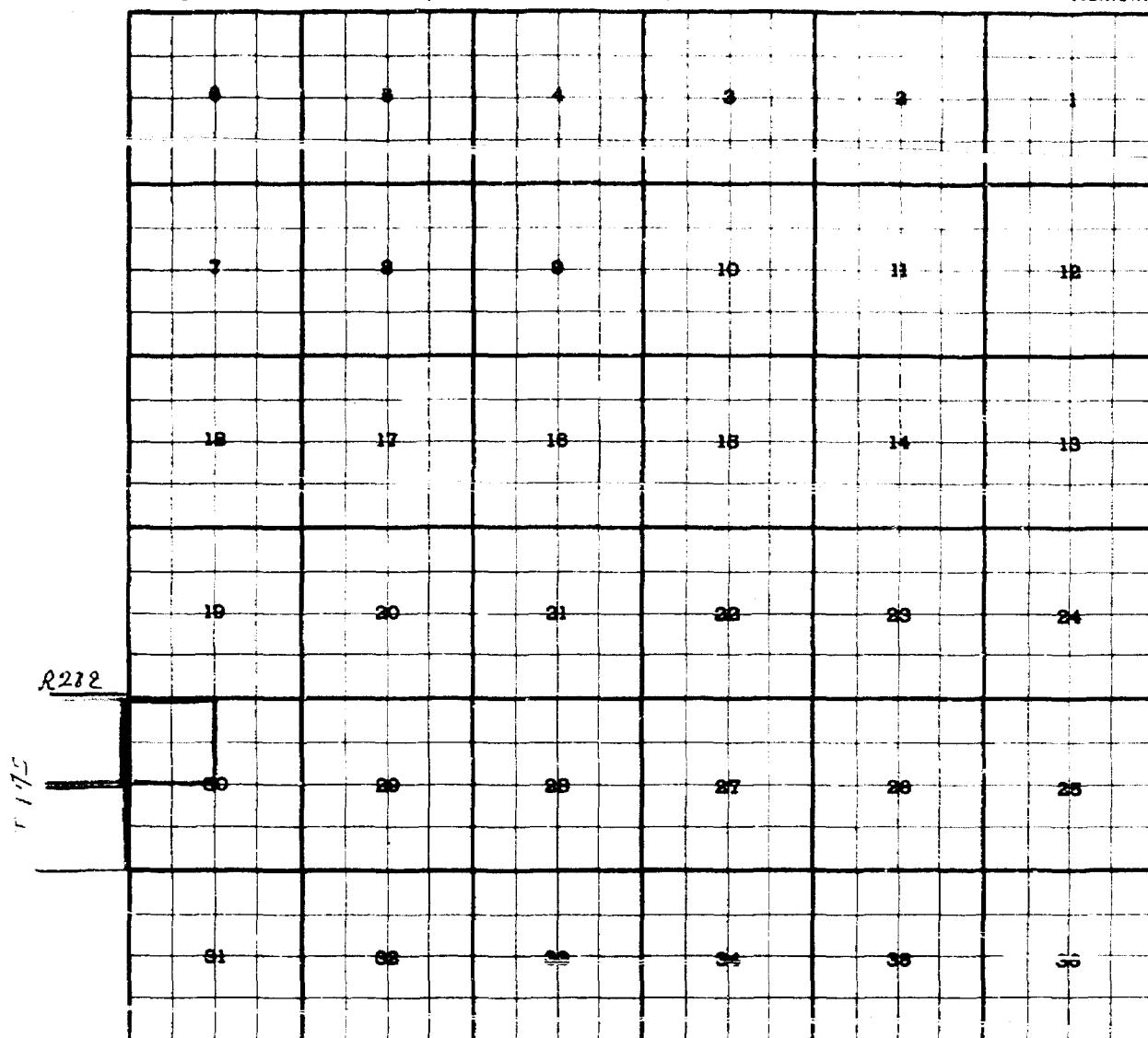
Top of perforations 9558'

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



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'.

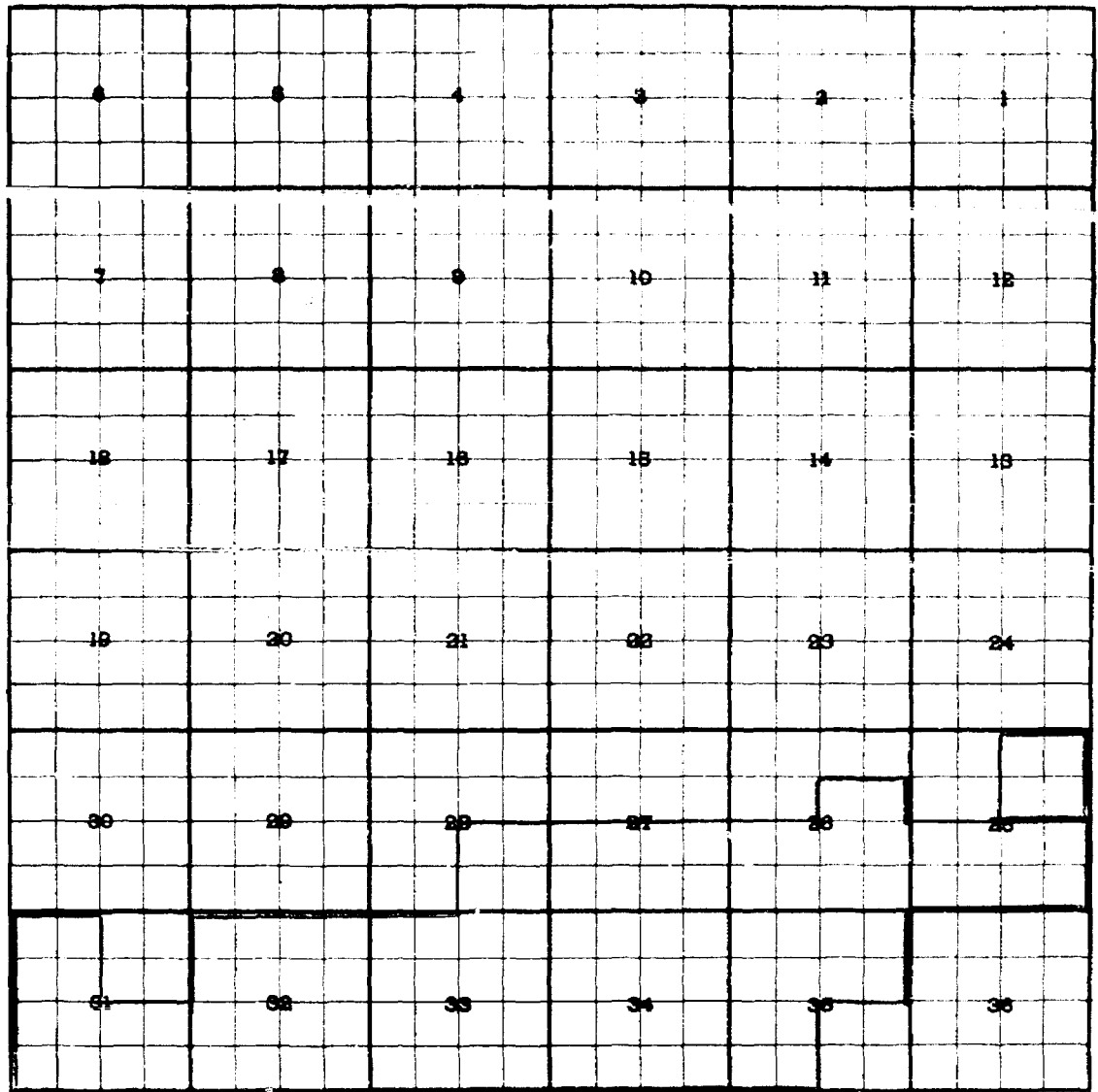
Proposed extension is contiguous to proposed extension in NE/4 of Section 25-T17S-R28E. Proposed extension colored in green. SECTION 30: NW/4.

CONTINUED ON NEXT PAGE.

CASE 2216: (1) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool EMPIRE-ABO

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



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

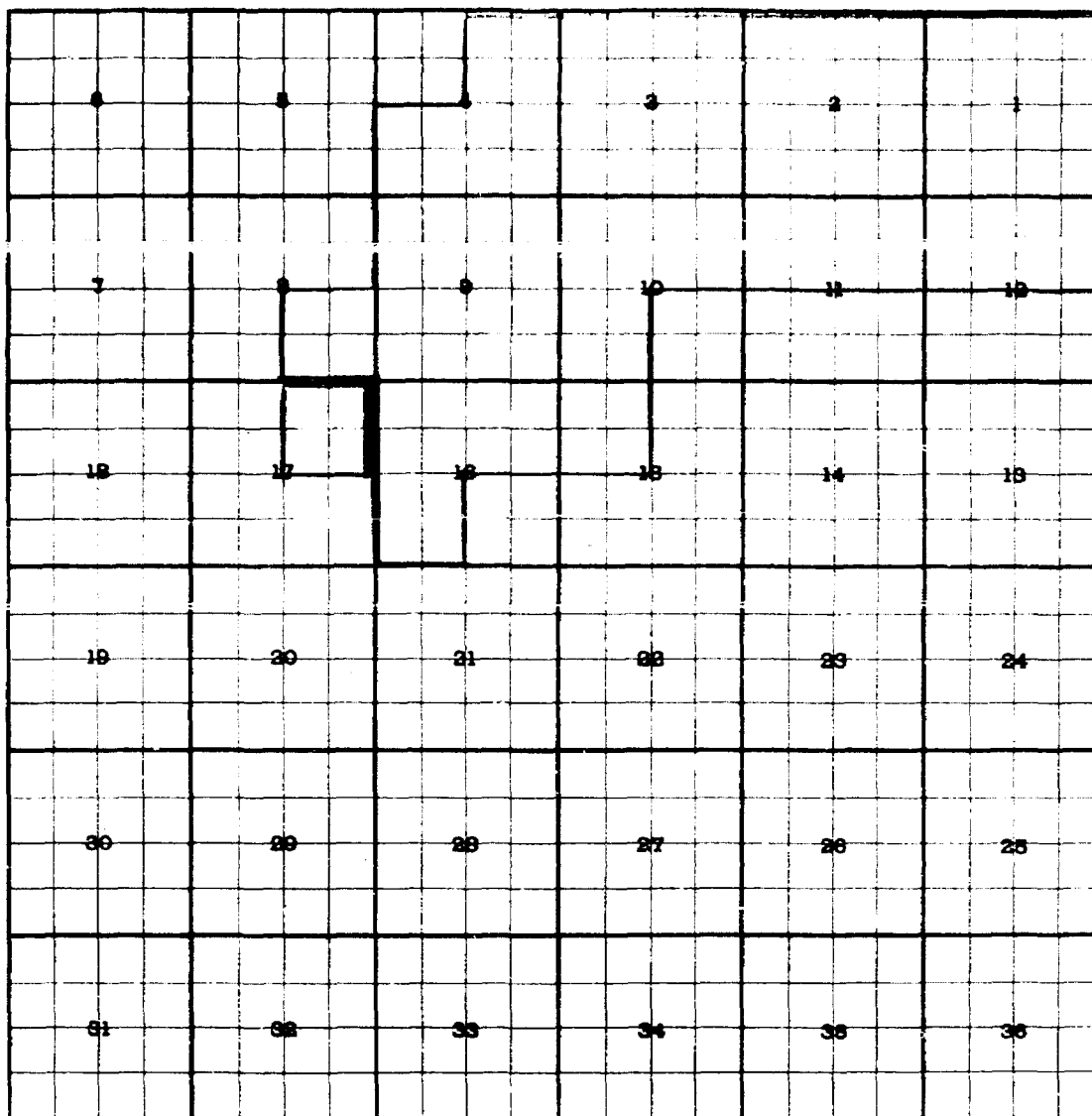
Pool boundary colored in red.

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'.

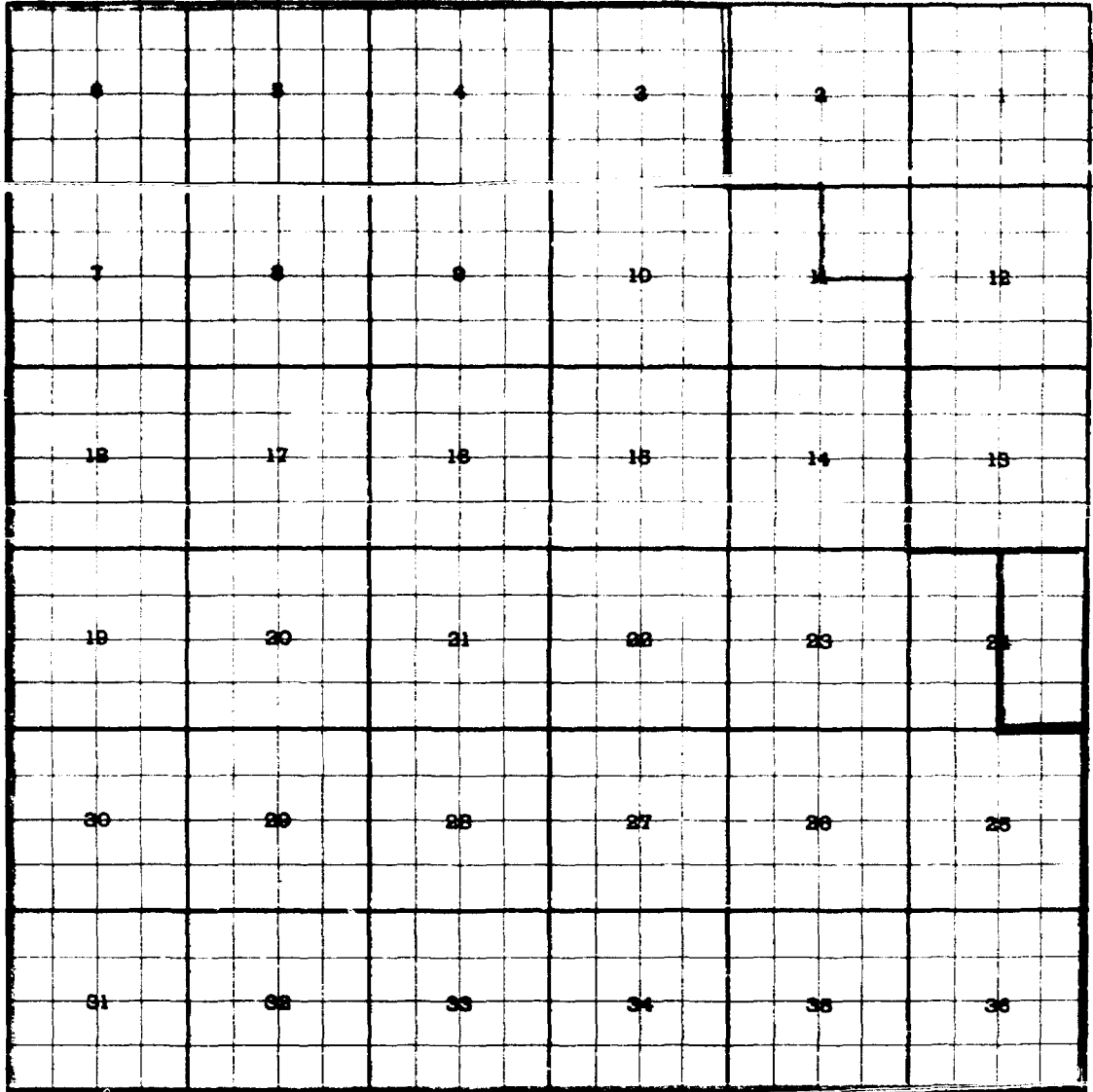
Pool boundary colored in red.

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

CASE 2216: (j) ADDITIONAL EXTENSION TO AN EXISTING GAS POOL

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'.

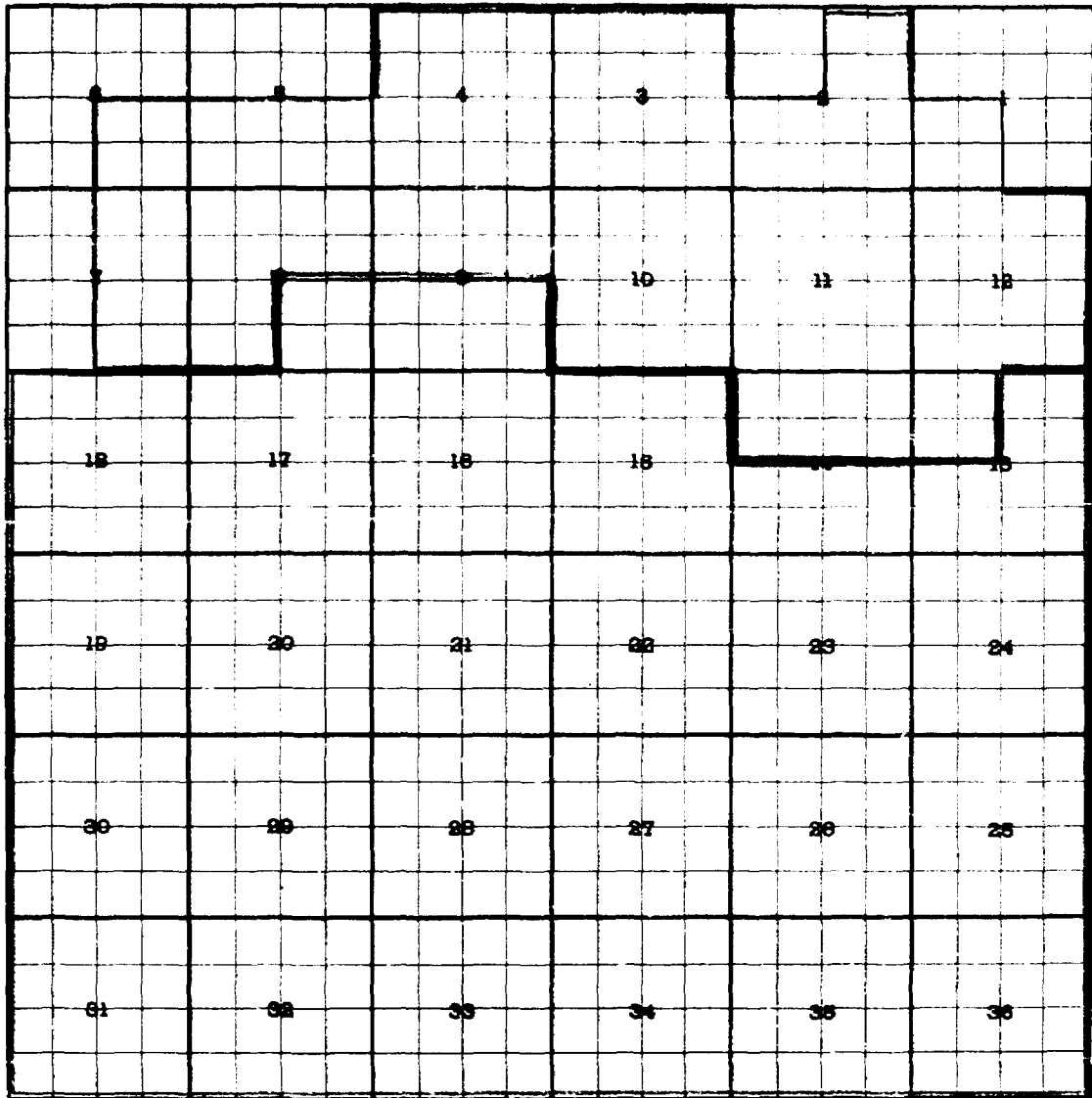
Pool boundary colored in red.

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

THIS IS AN ADDITION

County LEA Pool MALJAMAR

TOWNSHIP 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.

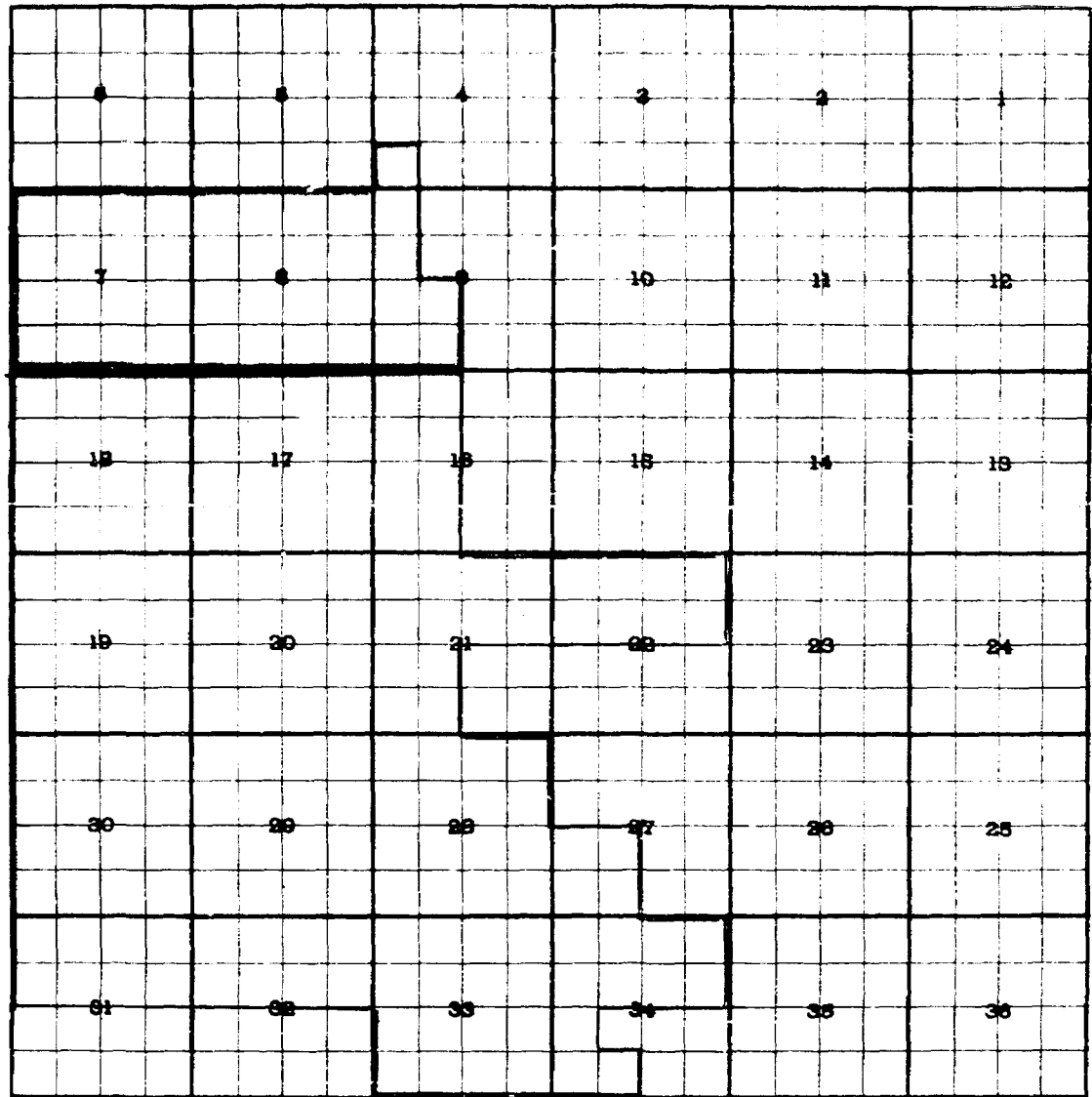
Proposed extensions colored in green.

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

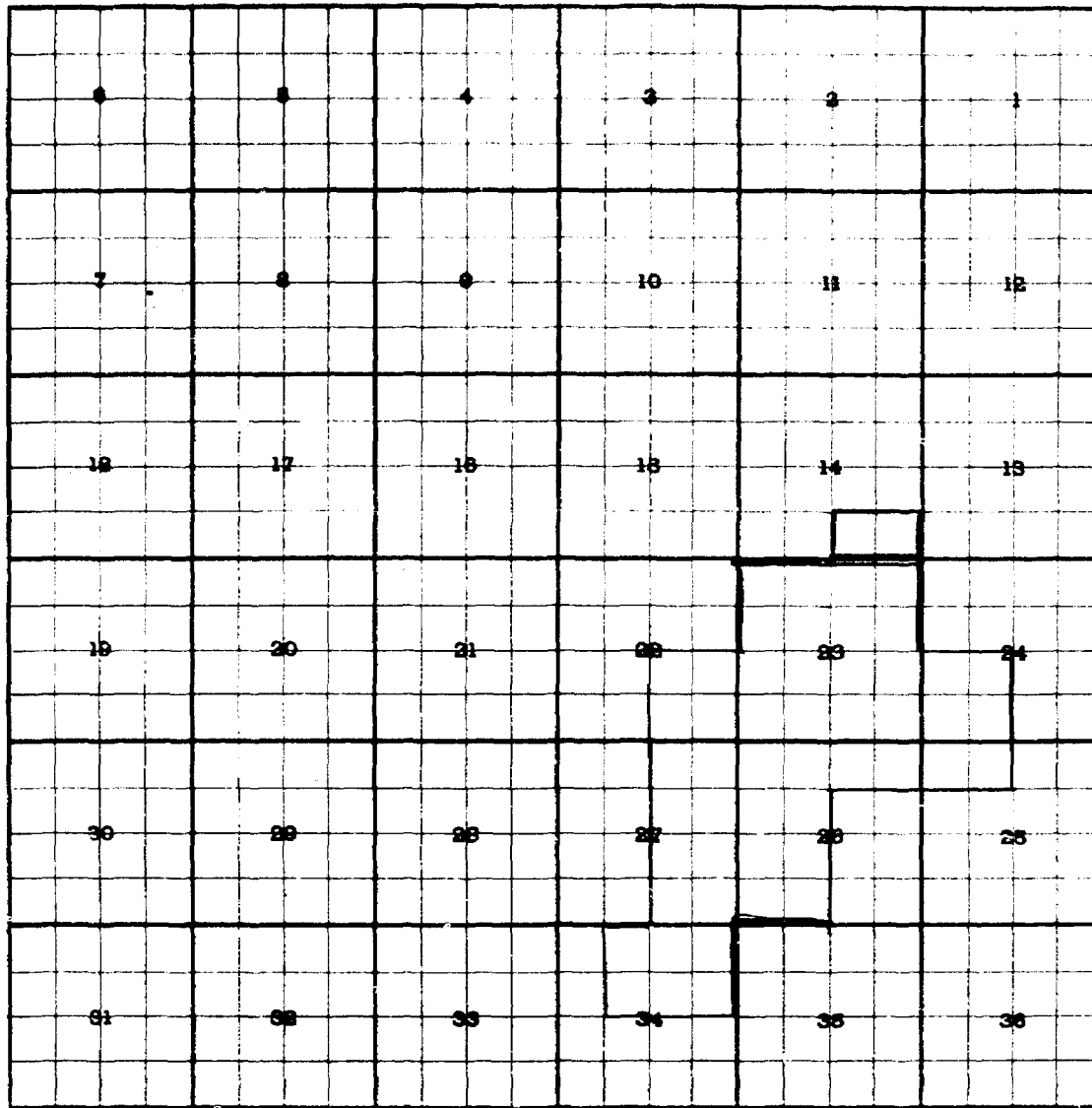
SECTION 8: All

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

CASE 2216: (1) EXTENSION OF AN EXISTING OIL POOL

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 "M" No. 1 in Unit P of Section 14-T12S-R34E.
Completed in Pennsylvanian January 15, 1961.

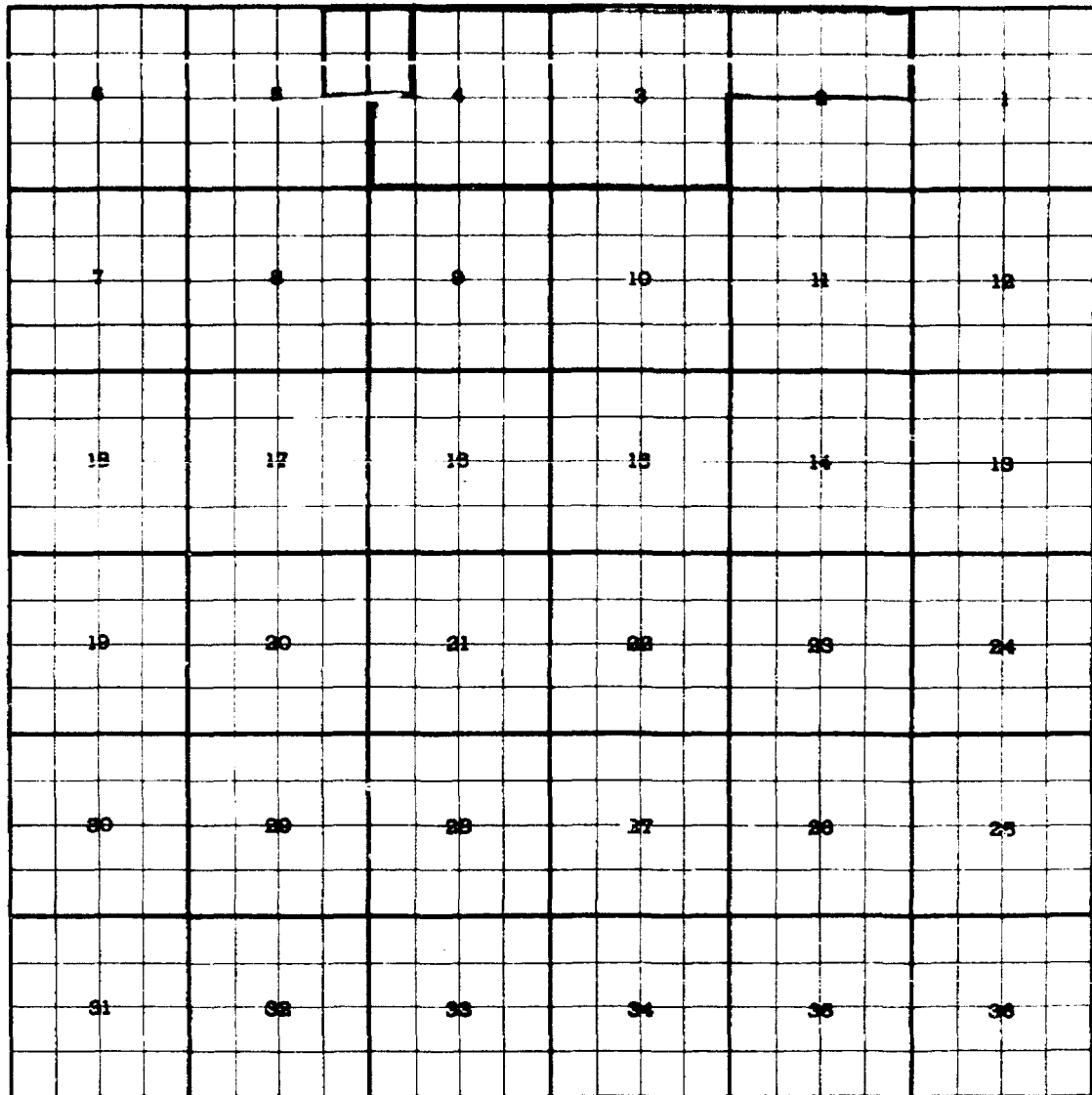
TOP OF PERFORATIONS 10,276'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 14: 3/2 SE/4

County EDDY Pool SHUGART

TOWNSHIP 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'.

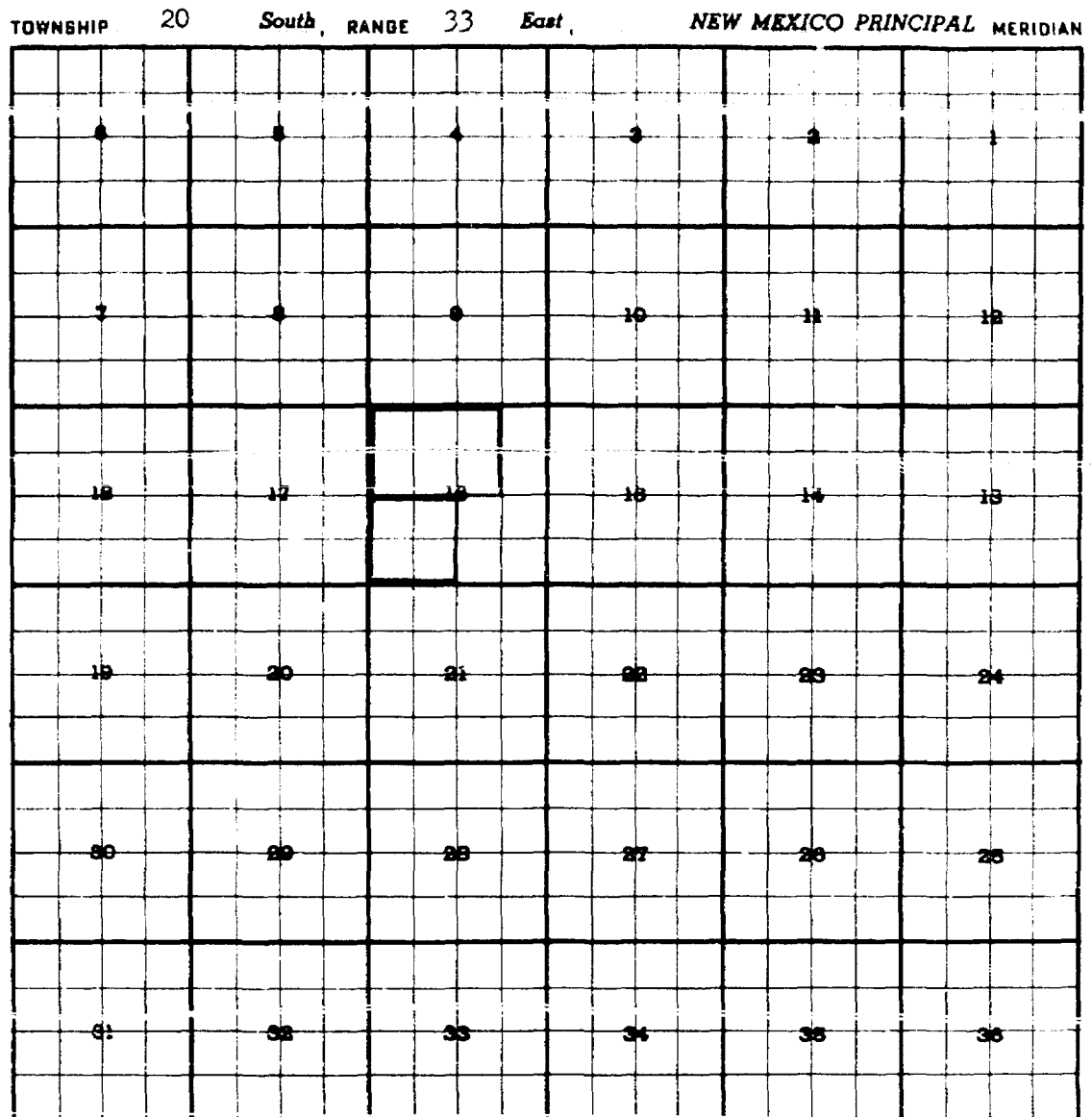
DONNELLY DRILLING CO. INC. - Federal No. 1 in Unit H of Sec. 5-T19S-R31E.
 Completed in Queen December 7, 1960. TOP OF PERFORATIONS 3316'.

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



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

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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 _____ 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.

(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 Bluitt-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 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 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

(l) 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. JOHNNY WALKER, Member

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

S E A L