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2337

plication, Transcript,
all Exhibits, Etc.

CASE 2337A

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

**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. 2337
Order No. R-2034**

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on July 13, 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 July, 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 Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation Eunice-San Andres Pool. Said Eunice-San Andres Pool was discovered by Secony Mobil Oil Company, E. O. Carson Well No. 23, located in the W/2 NE/4 and E/2 NW/4 of Section 33, Township 21 South, Range 37 East, NMPM. It was completed February 24, 1961. The depth to casing shoe is at 4100 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 Queen formation, said pool to bear the designation Querecho Plains-Queen Pool. Said Querecho Plains-Queen Pool was discovered by Santiago Oil and Gas Company, Texaco Federal Well No. 1-A, located in the NE/4 of Section 34, Township 18 South, Range 32 East, NMPM. It was completed April 25, 1961. The top of perforations is at 4056 feet.

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CASE No. 2337

Order No. R-2034

(4) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation Squyres-Pennsylvanian Pool. Said Squyres-Pennsylvanian Pool was discovered by Campana Petroleum Company, Federal C Well No. 1, located in the SE/4 of Section 10, Township 7 South, Range 32 East, NMPM. It was completed April 18, 1961. The top of perforations is at 8380 feet.

(5) That there is need for certain extensions to the South Bitter Lake-San Andres Pool in Chaves County, New Mexico, to the Getty Pool and the West Henshaw-Grayburg Pool, both in Eddy County, New Mexico, and to the Langlie-Mattix Pool, the Lazy J Pool, the Pearl-Queen Pool, the Robinson Pool, the North Square Lake-Grayburg Pool, and the Vacuum-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 33: W/2 NE/4 and E/2 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 34: NE/4

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
Section 10: SE/4

(d) 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 35: NW/4 NE/4

(e) That the Getty Pool in Eddy County, New Mexico, as

heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 13: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 1: Lots 5, 6, 10, 11, 12, 13, 14, and 15
Section 2: Lots 9, 10, 15, and 16

(g) That the Langlie-Mattix 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 37 EAST, NMPM
Section 30: W/2 SE/4 and NW/4 and E/2 SW/4

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

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
Section 3: E/2 NE/4

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

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4
Section 31: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 25: S/2 NE/4

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
Section 11: E/2 SE/4

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

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 10: E/2 SW/4

-4-

CASE No. 2337
Order No. R-2034

(1) That the Vacuum-Abo 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 35 EAST, NMPM
Section 33: NE/4 SE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 3: NW/4
Section 5: SE/4

IT IS FURTHER ORDERED:

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



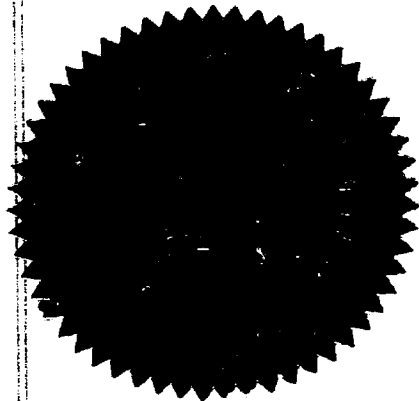
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



est/

No. 10-61

DOCKET: REGULAR HEARING - THURSDAY - JULY 13, 1961

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

- ALLOWABLE:**
- (1) Consideration of the oil allowable for August, 1961.
 - (2) Consideration of the allowable production of gas for August, 1961, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for August, 1961.

CONTINUED CASE

CASE 2215: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the promulgation of an order prohibiting the flaring of casinghead gas from oil wells in the Cha Cha-Gallup and Totah-Gallup Oil Pools, San Juan County, New Mexico.

CASE 2012:
(Reopened) In the matter of the application of Max Pray for the establishment of 80-acre oil proration units in the Southwest Gladiola-Devonian Pool, Lea County, New Mexico.

Case 2012 will be reopened pursuant to Order No. R-1724 to permit operators in the Southwest Gladiola-Devonian Pool, Lea County, New Mexico, to appear and show cause why said pool should not be developed on 40-acre proration units.

CASE 2135:
(Reopened) In the matter of the application of Nearburg & Ingram for the establishment of 80-acre oil proration units in the Southwest Gladiola-Pennsylvanian Pool, Lea County, New Mexico.

Case No. 2135 will be reopened pursuant to Order No. R-1836 to permit operators in the Southwest Gladiola-Pennsylvanian Pool, Lea County, New Mexico, to appear and show cause why said pool should not be developed on 40-acre proration units.

CASE 2337: 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.

- (a) Create a new pool designated as the Eunice-San Andres Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: W/2 NE/4 and E/2 NW/4

- (b) Create a new pool designated as the Querecho Plains-Queen Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
SECTION 34: NE/4

- (c) Create a new pool classified as an oil pool for Pennsylvanian production, designated as the Squyres-Pennsylvanian Pool, and described as:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
SECTION 10: SE/4

- (d) Extend the South Bitter Lake-San Andres Pool, to include:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM
SECTION 35: NW/4 NE/4

- (e) Extend the Getty Pool, to include:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 13: NW/4

- (f) Extend the West Henshaw-Grayburg Pool, to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 1: Lots 5, 6, 11, 12, 13, 14, and 15
SECTION 2: Lots 9, 10, 15, and 16

- (g) Extend the Langlie Mattix Pool, to include:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMFM
SECTION 30: W/2 SE/4

- (h) Extend the Lazy J Pool, to include:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: E/2 NE/4

- (i) Extend the Pearl-Queen Pool, to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 15: SE/4

- (j) Extend the Robinson Pool, to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: S/2 NE/4

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 11: N/2 SE/4

- (k) Extend the North Square Lake-Grayburg Pool, to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 10: N/2 SW/4

- (l) Extend the Vacuum-Abo Pool, to include:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 3: NW/4
SECTION 5: SE/4

JK

NOMENCLATURE ADVERTISEMENT FOR JULY 1961

Case No. 2337

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 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 Lea County, New Mexico, classified as an oil pool for San Andres production, designated as the Eunice-San Andres Pool, and described as:~~

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: W/2 NE/4 and E/2 NW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
SECTION 34: NE/4

PLAINS
(Querecho Plains - Queen)

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

✓ TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
SECTION 10: SE/4

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

✓ TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM
SECTION 35: NW/4 NE/4

- e) EXTEND the Getty Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 13: NW/4

- f) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 1: Lots 5, 6, 11, 12, 13, 14, and 15
SECTION 2: Lots 9, 10, 15, and 16

Nomenclature Advertisement for July 1961

- g) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:
✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 30: W/2 SE/4
- h) EXTEND the Lazy J Pool in Lea County, New Mexico, to include therein:
✓ TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: E/2 NE/4
- i) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:
✓ TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 15: SE/4
- j) EXTEND the Robinson Pool in Eddy County, New Mexico, to include therein:
✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: S/2 NE/4
✓ TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 11: N/2 SE/4
- k) EXTEND the North Square Lake-Grayburg Pool in Eddy County, New Mexico, to include therein:
✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 10: N/2 SW/4
- l) EXTEND the Vacuum-Abo Pool in Lea County, New Mexico, to include therein:
✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 3: NW/4
SECTION 5: SE/4

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JULY 13, 1961

IN THE MATTER OF:

CASE 2337

Southeastern New Mexico nomenclature
case calling for an order creating
new pools and extending existing
pools in Lea, Eddy, Chaves and Roose-
velt Counties, New Mexico.

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CM 3-6691



BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JULY 13, 1961

IN THE MATTER OF:

CASE 2337 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.

BEFORE:

Honorable Edwin L. Mechem
Mr. E. S. (Johnny) Walker
Mr. A. L. Porter

T R A N S C R I P T O F P R O C E E D I N G S

MR. PORTER: The next case on the docket is Case 2337.

MR. MORRIS: 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)

JOE D. RAMEY,

called as a witness, having been first duly sworn on oath, testi-
fied as follows:

DIRECT EXAMINATION

BY MR. MORRIS:

Q Will the witness please state his name and position?

A Joe D. Ramey, Proration Manager, New Mexico Oil Conserva-

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CN 3-6691

ALBUQUERQUE, NEW MEXICO



tion Commission.

Q Mr. Ramey, are you the Proration Manager for the entire Commission?

A I believe so.

Q In your present capacity, Mr. Ramey, have you determined that the Commission should create and extend certain pools in Southeastern, New Mexico?

A Yes.

Q What is your recommendation concerning the creation of a new pool for San Andres production?

A It is recommended that a new pool be created and designated as the Eunice-San Andres Pool. Vertical limits to be the San Andres formation, and the horizontal limits as shown on Exhibit 1, Paragraph (a). Discovery well was the Socony Mobil Oil Company - E. O. Carson Well No. 23, located in Unit K of Section 33, Township 21 South, Range 37 East. It was completed on February 24, 1961. Depth to the casing shoe is 4100 feet.

Q What is your recommendation concerning the creation of a new pool for Queen production?

A It is recommended that a new oil pool be created and designated as the Querecho Queen Pool. Vertical limits to be the Queen formation, and horizontal limits as shown in Exhibit 1, Paragraph (b).

Q Mr. Ramey, how did you pronounce the name of the Pool again?

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ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-4491

ALBUQUERQUE, NEW MEXICO

A Ko-ro-sho.

Q Ko-ro-sho Plains?

A Yes. Yes, it should be Querecho Plains.

Q What is your recommendation concerning the creation of a new pool for Pennsylvanian production?

A I should perhaps finish Paragraph (b).

Q Continue with Paragraph (b), Mr. Ramey.

A Discovery well was the Santiago Oil & Gas Company - Texaco Federal Well No. 1-A, located in Unit A of Section 34, Township 18 South, Range 32 East, and was completed on April 25, 1961. Top of perforations is at 4056 feet.

Q Now, what is your recommendation concerning the creation of a new pool for Pennsylvanian production?

A It is recommended that a new oil pool be created and designated as the Squyres-Pennsylvanian Pool. The vertical limits to be the Pennsylvanian formation, and the horizontal limits as shown on Exhibit 1, Paragraph (c). The discovery well was the Campana Petroleum Company - Federal C No. 1, located in Unit I, Section 10, Township 7 South, Range 32 East, and completed on April 18, 1961. The top of the perforations is at 3380.

Q What is your recommendation concerning the extension of the South Bitter Lake-San Andres Pool?

A I recommend that this Pool be extended as shown in Paragraph (d), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of



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the Getty Pool?

A I recommend that this Pool be extended as shown in Paragraph (e), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the West Henshaw-Grayburg Pool?

A I recommend that this Pool be extended as shown in Paragraph (f), Exhibit 1, on the basis of six wells completed therein.

Q What is your recommendation concerning the extension of the Langlie Mattix Pool?

A I recommend that this Pool be extended as shown in Paragraph (g), Exhibit 1, on the basis of three wells completed therein.

Q What is your recommendation concerning the extension of the Lazy J Pool?

A I recommend that this Pool be extended as shown in Paragraph (h), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Pearl-Queen Pool?

A It is recommended that the Pearl-Queen Pool be extended as shown in Paragraph (i), Exhibit 1, on the basis of two wells completed therein.

Q What is your recommendation concerning the extension of the Robinson Pool?

A I recommend that this Pool be extended as shown in Paragraph (j), Exhibit 1, on the basis of two wells completed therein.



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ALBUQUERQUE, NEW MEXICO

Q What is your recommendation concerning the extension of the North Square Lake-Grayburg Pool?

A I recommend that this Pool be extended as shown in Paragraph (1), Exhibit 1, on the basis of one well completed therein.

Q Do you have a recommendation concerning the extension of the Vacuum-Abo Pool?

A Would you repeat the question?

Q Do you have a recommendation concerning the extension of the Vacuum-Abo Pool?

A It is recommended that the Vacuum-Abo Pool be extended as shown in Paragraph (1), Exhibit 1, on the basis of four wells completed therein.

Q Do you have anything further you would like to offer, Mr. Ramey?

A Nothing further, except an Exhibit.

MR. MORRIS: We offer Exhibit 1 in Case 2337.

MR. PORTER: Exhibit 1 will be admitted to the record.

(Whereupon, Applicant's Exhibit No. 1 was received in evidence).

MR. PORTER: Does anyone have a question of Mr. Ramey? The witness may be excused.

(Witness excused)

MR. PORTER: The Commission will take the case under advisement. The hearing is adjourned.



STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in machine shorthand and reduced to typewritten transcript under my personal supervision, and that the same is a true and correct record, to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this, the 16th day of July, 1961, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley
 NOTARY PUBLIC

My Commission expires:

June 19, 1963

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691



CASE 2337: (a) CREATION OF AN OIL POOL

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT No. 2337
CASE 2337

County Lee Pool EUNICE-SAN ANDRES

TOWNSHIP 21 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

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

PURPOSE: One completed oil well capable of production.

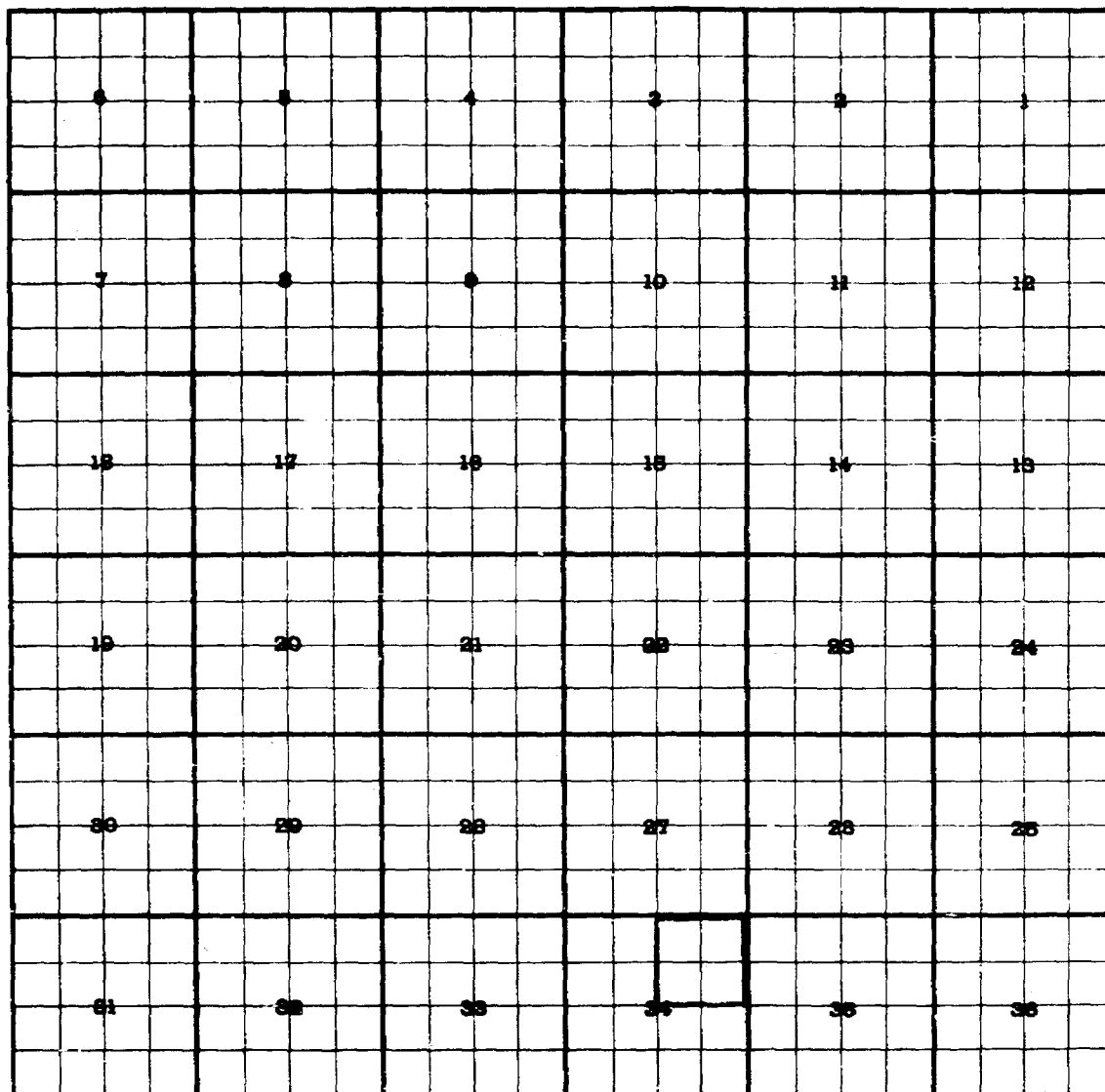
DISCOVERY WELL: SOCONY MOBIL OIL COMPANY - E. O. Carson No. 23 in Unit K
of Section 33-T21S-R37E. Completed in San Andres
February 24, 1961. DEPTH TO CASING SHOE 4100'.

Proposed pool boundary colored in green. SECTION 33: W/2 NE/4 & E/2 NW/4

CASE 2337: (b) CREATION OF AN OIL POOL

County LEA Pool QUERECHO/QUEEN *Plains*

TOWNSHIP 18 *South*, RANGE 32 *East*, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

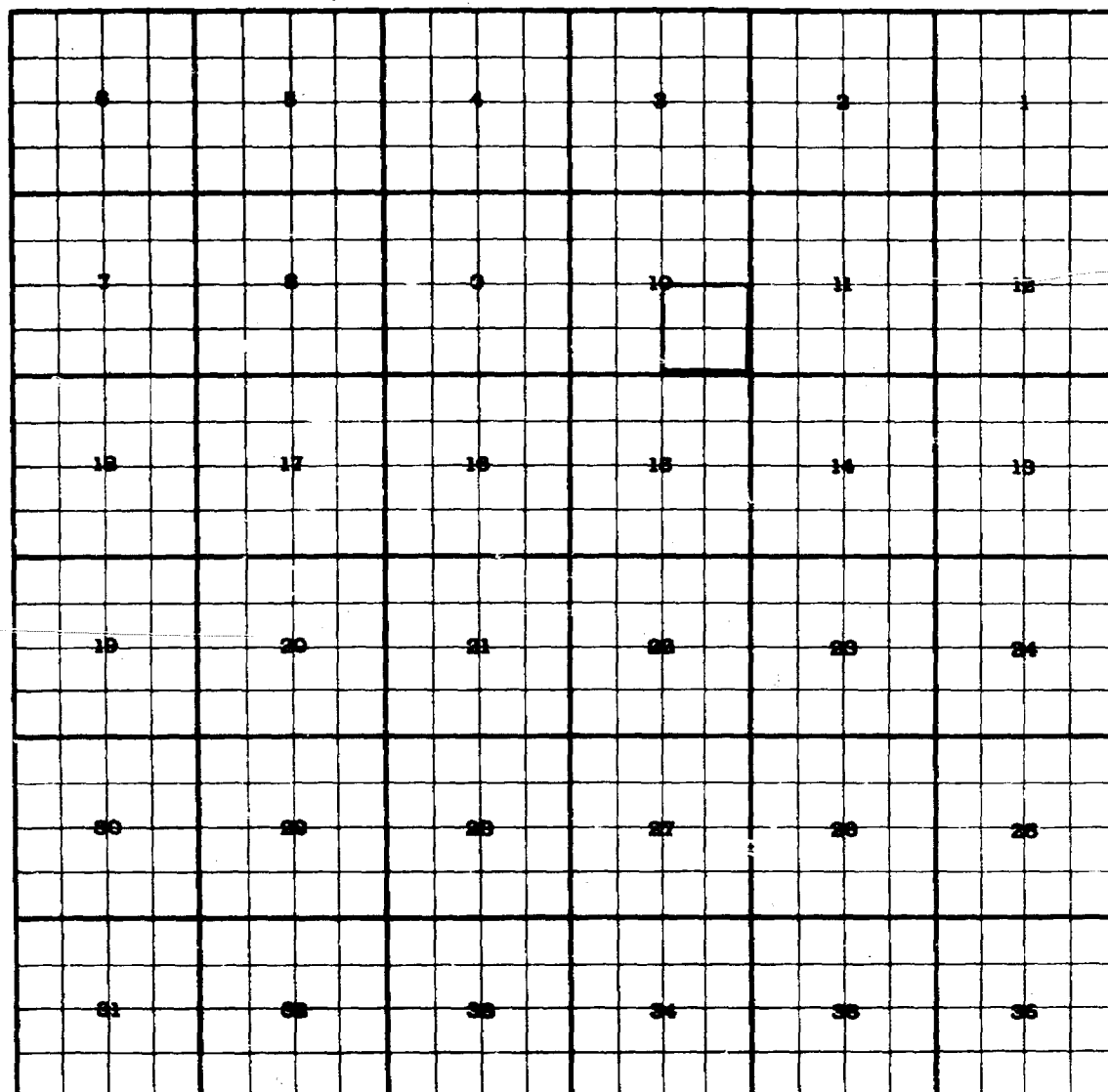
DISCOVERY WELL: Santiago Oil & Gas Company - Texaco Federal No. 1-A in
Unit A of Section 34, T18S, R32E. Completed in Queen
April 25, 1961. TOP OF PERFORATIONS 4056'.

Proposed pool boundary colored in green. SECTION 34: NE/4

CASE 2887: (c) CREATION OF AN OIL POOL

County ROOSEVELT Pool SQUIRES-PENNSYLVANIA

TOWNSHIP 7 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

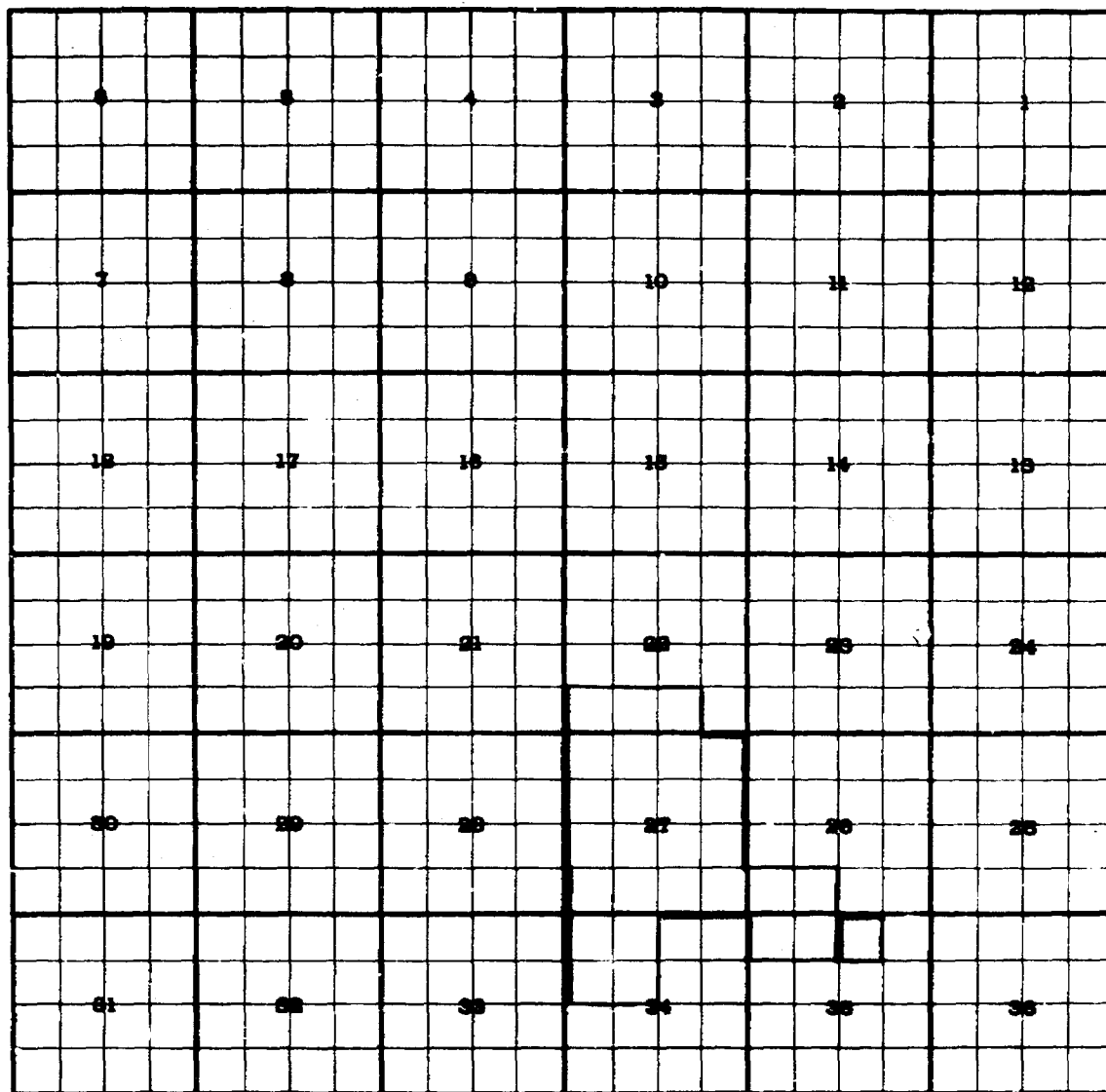
DISCOVERY WELL: CAMPANA PETROLEUM COMPANY - Federal C No. 1 in Unit I
of Section 10-T7S-R32E. Completed in Pennsylvania
April 18, 1961. TOP OF PERFORATIONS 8380'.

Proposed pool boundary colored in green. SECTION 10: SE/4

CASE 2337: (d) EXTENSION OF AN EXISTING POOL (OIL)

County CHAVES Pool SOUTH BITTER LAKE-SAN ANDRES

TOWNSHIP 10 South, RANGE 25 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

SPEARS OIL COMPANY - Leonard Federal No. 2-A in Unit of Section 35-

T408-R25E. Completed in San Andres on March 27, 1961.

TOP OF PERFORATIONS 1225'.

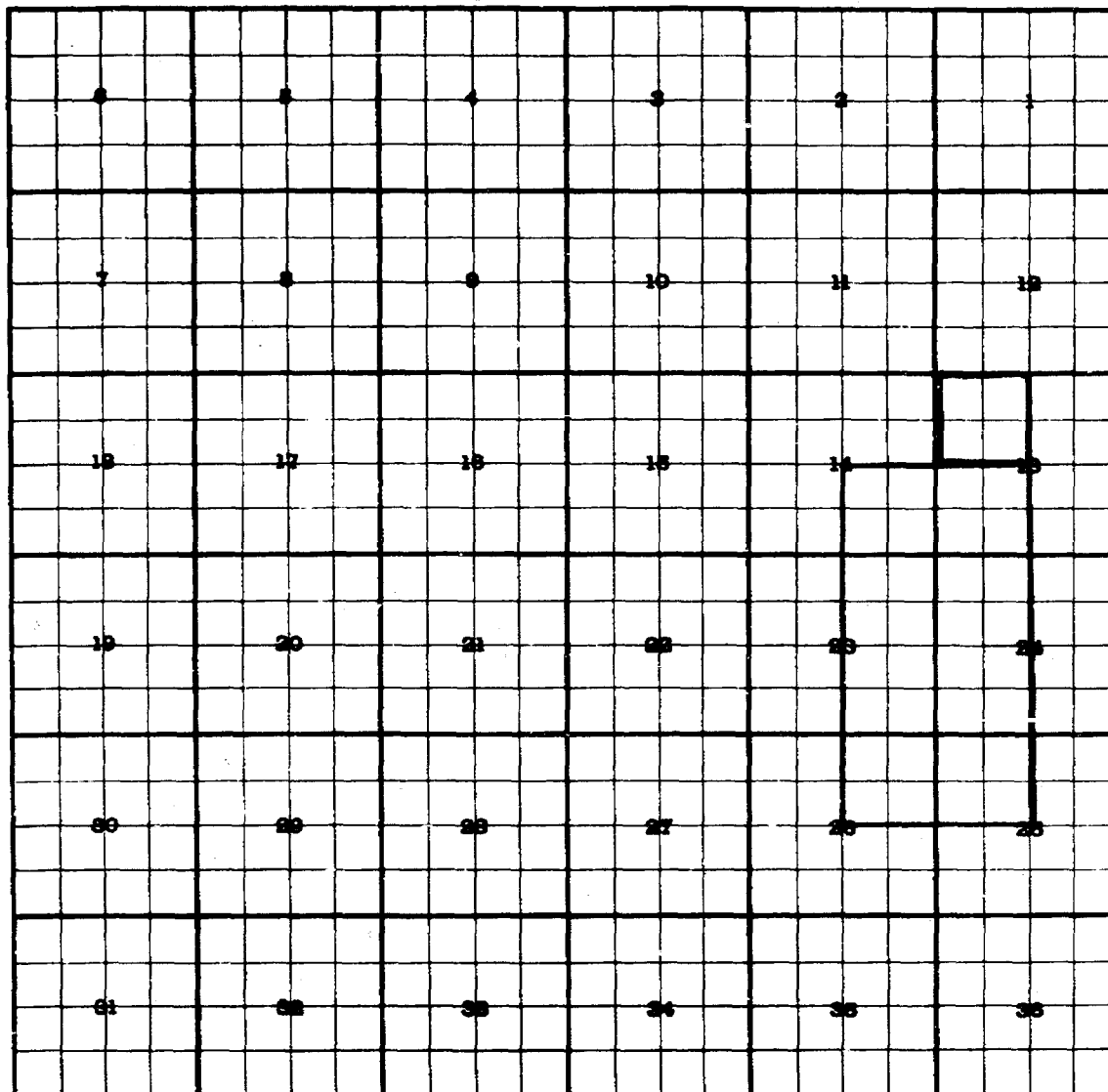
Pool boundary colored in red.

Proposed extension colored in green. SECTION 35: NW/4 NE/4

CASE 2337: (e) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool GETTY POOL

TOWNSHIP 20 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

PAUL E. HASKINS - Texaco Federal No. 1 in Unit C of Section 13-T20S-R29E.

Completed in Yates on April 1, 1961.

TOP OF PERFORATIONS 1462'.

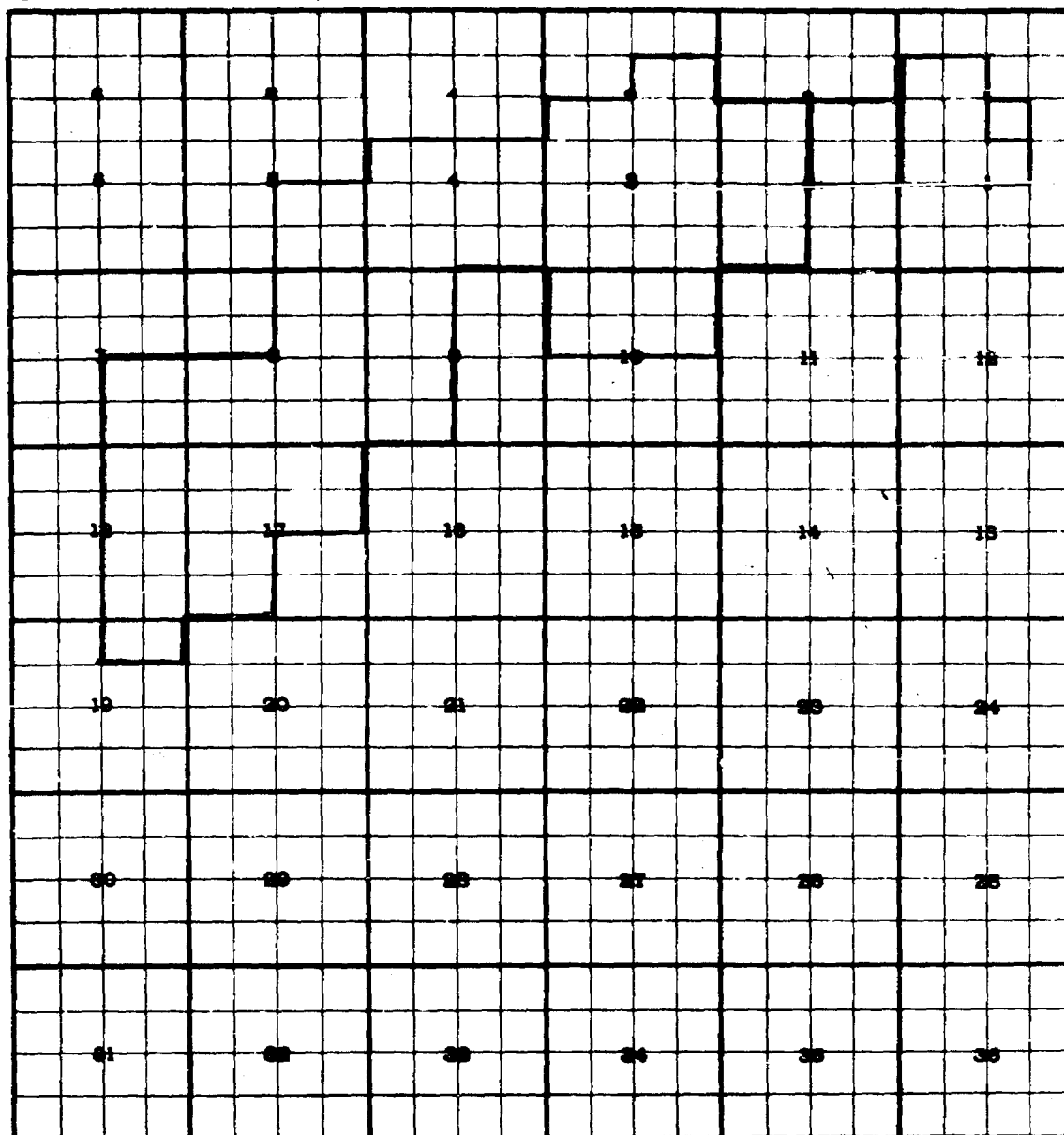
Pool boundary colored in red.

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

CASE 2337: (f) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool WEST HENSHAW-GRAYBURG

TOWNSHIP 16 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: Six (6) completed oil wells capable of producing.
BOB DEAN, LTD. - So. Union Fed. No. 1-X in Lot 12 of Sec. 1-T168-R30E.
Completed in Grayburg on January 15, 1961. DEPTH OF CASING SHOE 2976'.
BOB DEAN, LTD. - So. Union Fed. No. 2 in Lot 13 of Sec. 1-T168-R30E.
Completed in Grayburg on April 12, 1961. TOP OF PERFORATIONS 3026'.
BOB DEAN, LTD. - So. Union Fed. No. 3 in Lot 17 of Sec. 1-T168-R30E.
Completed in Grayburg on May 12, 1961. TOP OF PERFORATIONS 3048'.
SOUTHERN UNION PRODUCING CO. - Fed. Taylor No. 1 in Lot 5 of Sec. 1-T168-R30E.
Completed in Grayburg on May 22, 1961. TOP OF PERFORATIONS 3031'.
HUMBLE OIL & REFINING CO. - N. M. State BC No. 4 in Lot 9 of Sec. 2-T168-R30E.
Completed in Grayburg on June 4, 1961. DEPTH TO CASING SHOE 3150'.
 ADDITION-SOUTHERN UNION PRODUCING CO. - Fed. Taylor No. 2 in Unit J of Sec. 1-T168-R30E.
Completed in Frontier on June 4, 1961. DEPTH OF CASING SHOE 3092'.

(Continued on next page)

CASE 2237: (f) EXTENSION OF AN EXISTING OIL POOL (continued)

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 1: Lots 5, 6, 11, 12, 13, 14, & 15

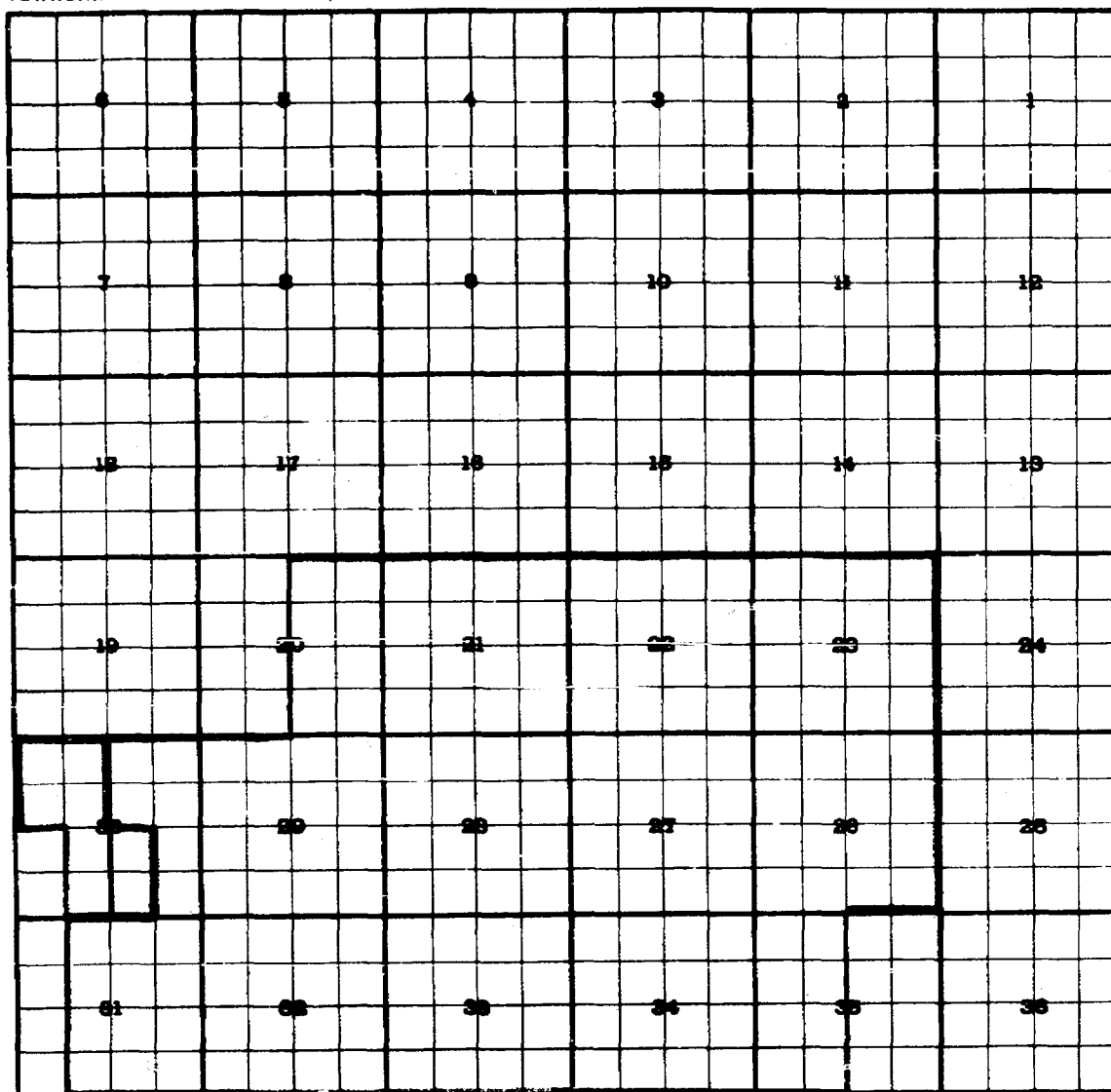
SECTION 2: Lots 9, 10, 15, & 16

ADDITION-----SECTION 1: Lot 10

CASE 2337: (g) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LANGLIE MATTIX

TOWNSHIP 22 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



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

HUMBLE OIL & REFINING CO. - N. M. State M No. 41 in Unit O of Sec. 30-T223-R37E.

Completed in Queen on May 21, 1961. TOP OF PERFORATIONS 3693'.

HUMBLE OIL & REFINING CO. - N. M. State M No. 39 in Unit J of Sec. 30-T223-R37E.

Comp. in Queen on May 1, 1961. TOP OF PERFORATIONS 3726'.

ADDITION--HUMBLE OIL & REFINING CO. - N. M. State M No. 45 in Unit C of Sec. 30-T223-R37E.

Comp. in Queen on June 25, 1961. TOP OF PERFORATIONS 3764'.

Pool boundary colored in red.

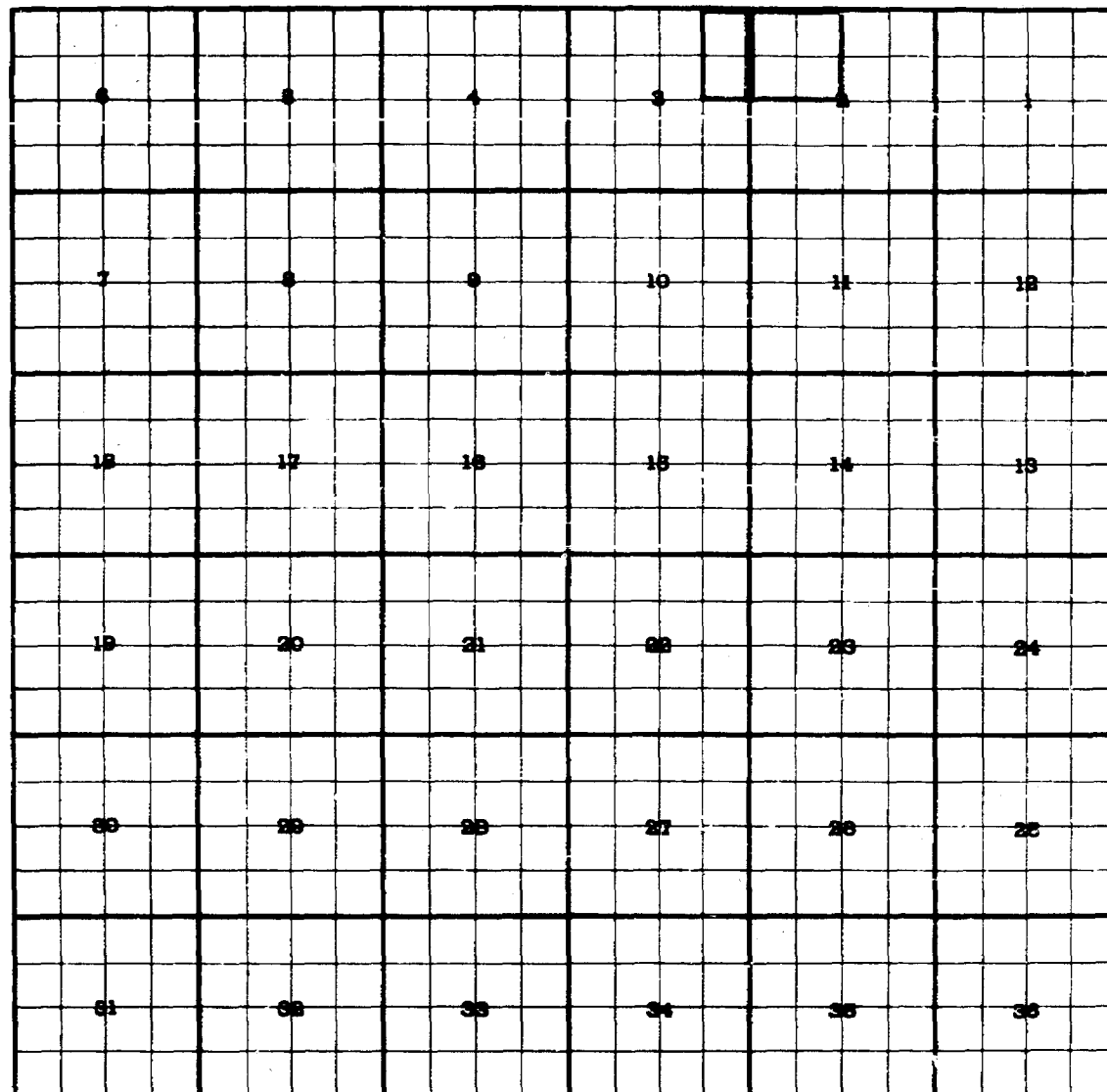
Proposed extensions in green. SECTION 30: W/2 SE/4

ADDITION---SECTION 30: NW/4 & E/2 SW/4

CASE 2337: (h) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LAZY J

TOWNSHIP 14 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

TRICE PRODUCING COMPANY - State of N. M. Lazy J "A" No. 1 in Unit A of
Section 3-T143-R33E. Completed in Pennsylvania
on May 17, 1961.
TOP OF PERFORATIONS 9831'.

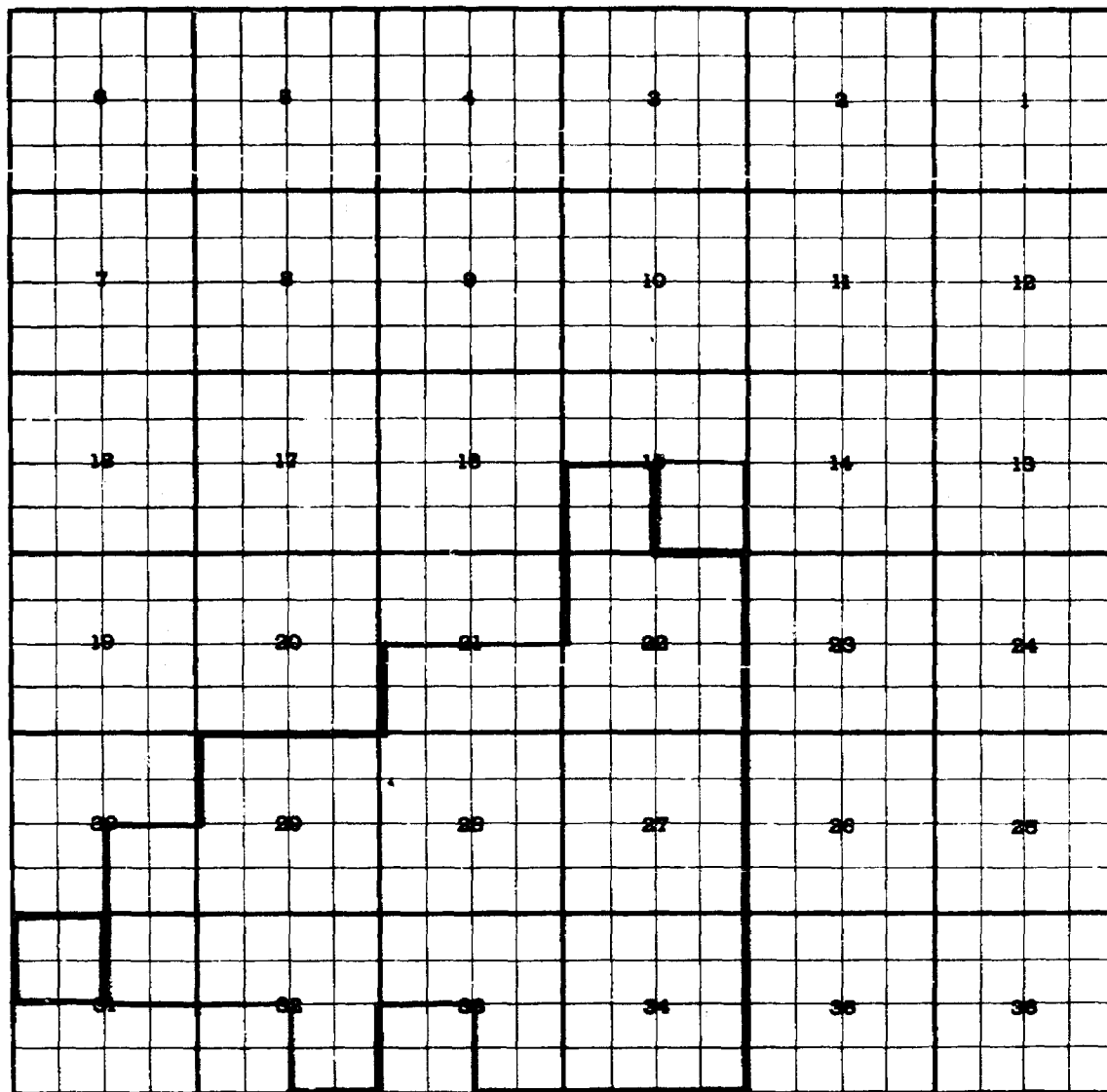
Pool boundary colored in red.

Proposed extension colored in green. SECTION 3: E/2 NE/4

CASE 2337: (1) EXTENSION OF EXISTING OIL POOL

County LEA Pool PEARL QUEEN

TOWNSHIP 19 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



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

E. G. COLTON - Cabot Carbon State No. 1 in Unit O of Section 15-T19S-R35E.

Completed in Queen on June 7, 1961. TOP OF PERFORATIONS 4920'.

ADDITION-CACTUS BRILLING CO. - Artec State No. 6 in Unit F of Section 31-T19S-R35E.

Completed in Queen on June 8, 1961.

DEPTH OF CASING SHOE 4714'

Pool boundary colored in red.

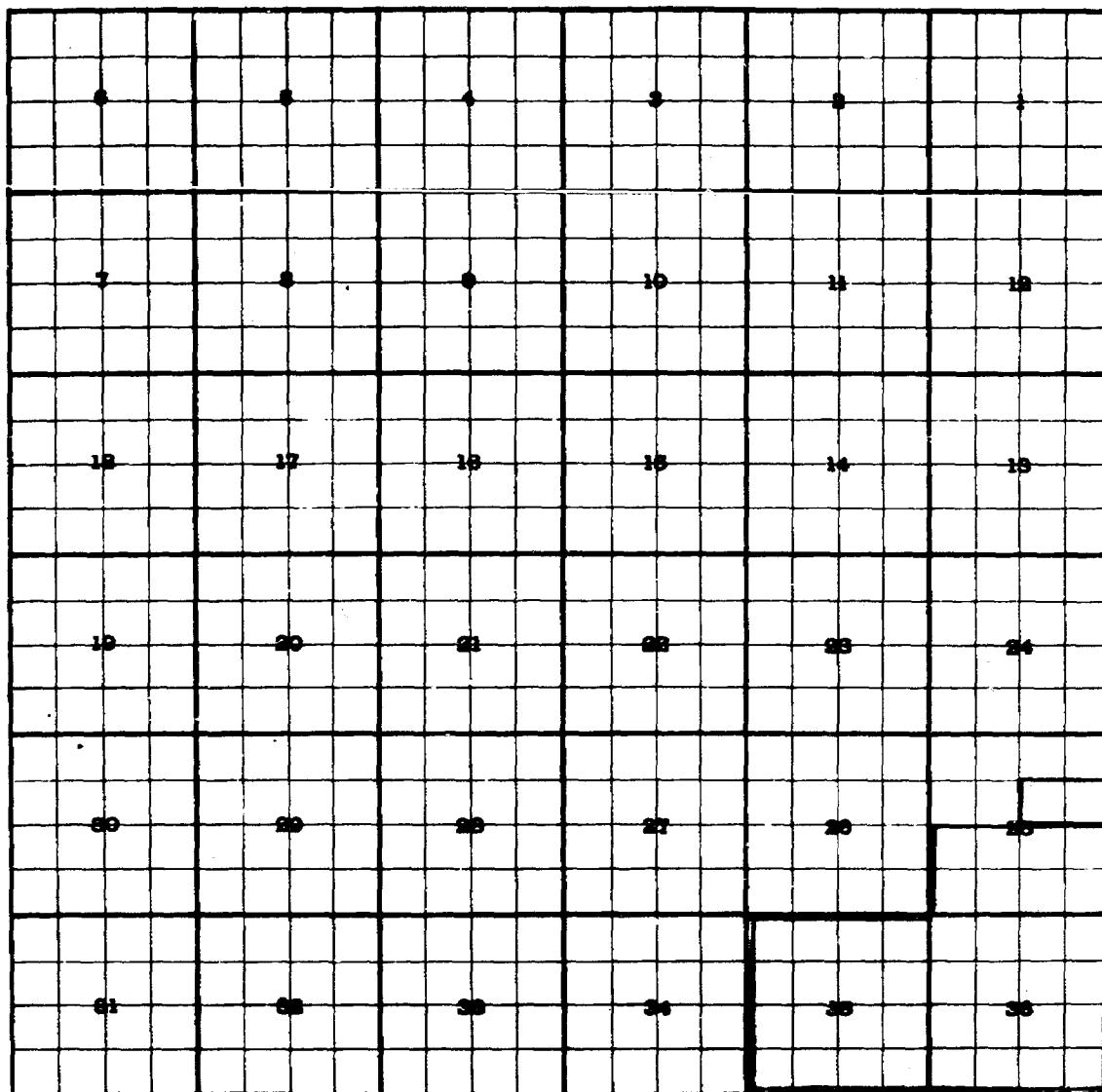
Proposed extensions colored in green. SECTION 15: SE/4

ADDITION-----SECTION 31: NW/4

CASE 2337: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool ROBINSON

TOWNSHIP 16 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



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

DOB OIL PROPERTIES, INC. - Federal B No. 2 in Unit H of Section 25-T16S-R31E.

Completed in San Andres on May 15, 1961.

TOP OF PERFORATIONS 3891'.

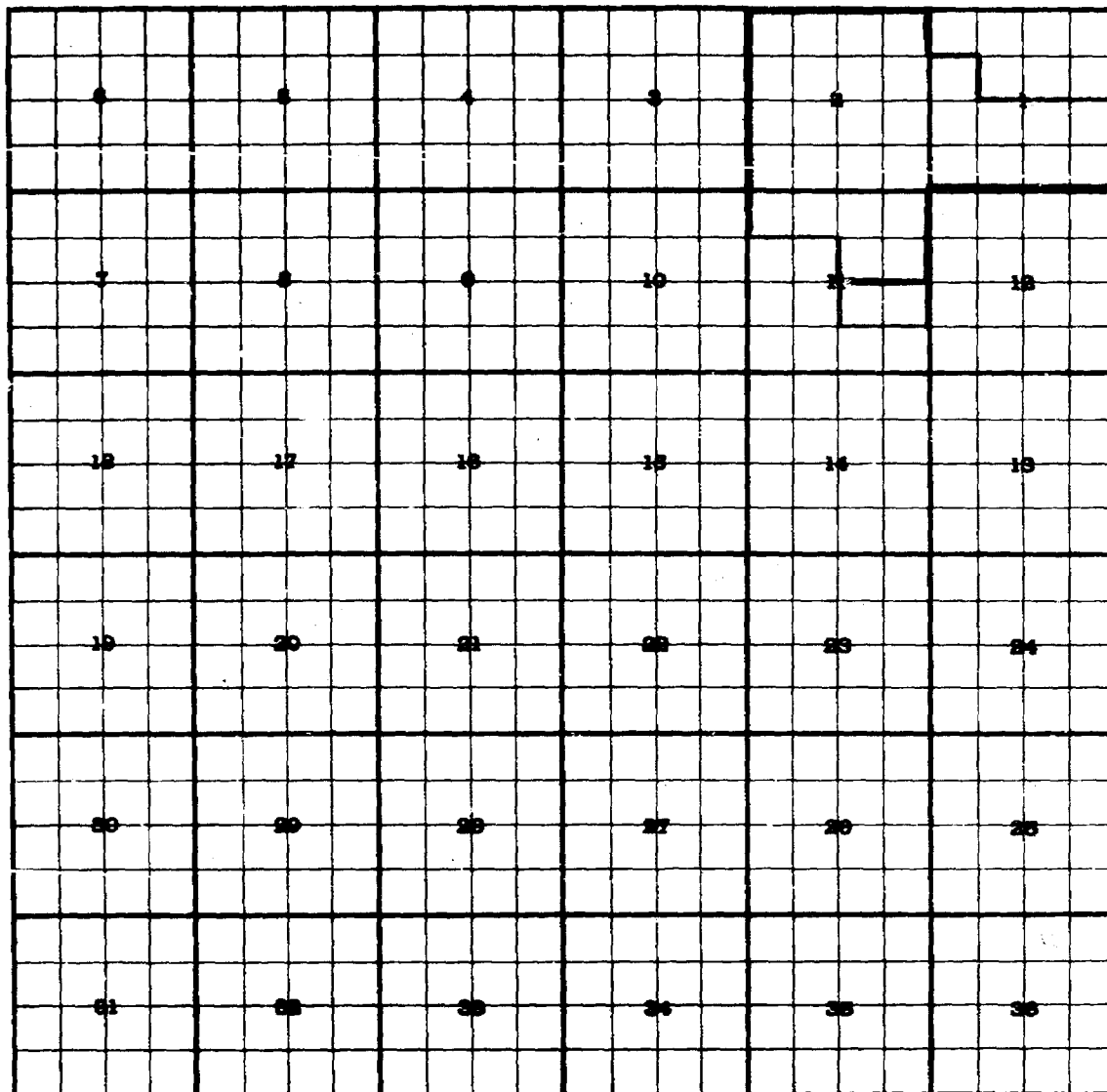
Pool boundary colored in red.

Proposed extension colored in green. SECTION 25: S/2 NE/4

CASE 2337: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool ROBINSON

TOWNSHIP 17 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: As stated on preceding page of Exhibit 1, paragraph (j)

SKELLY OIL COMPANY - Lea "C" No. 4 in Unit J of Section 11-T17S-R31E.

Completed in San Andres on May 13, 1961.

DEPTH OF CASING SHOE 3700'.

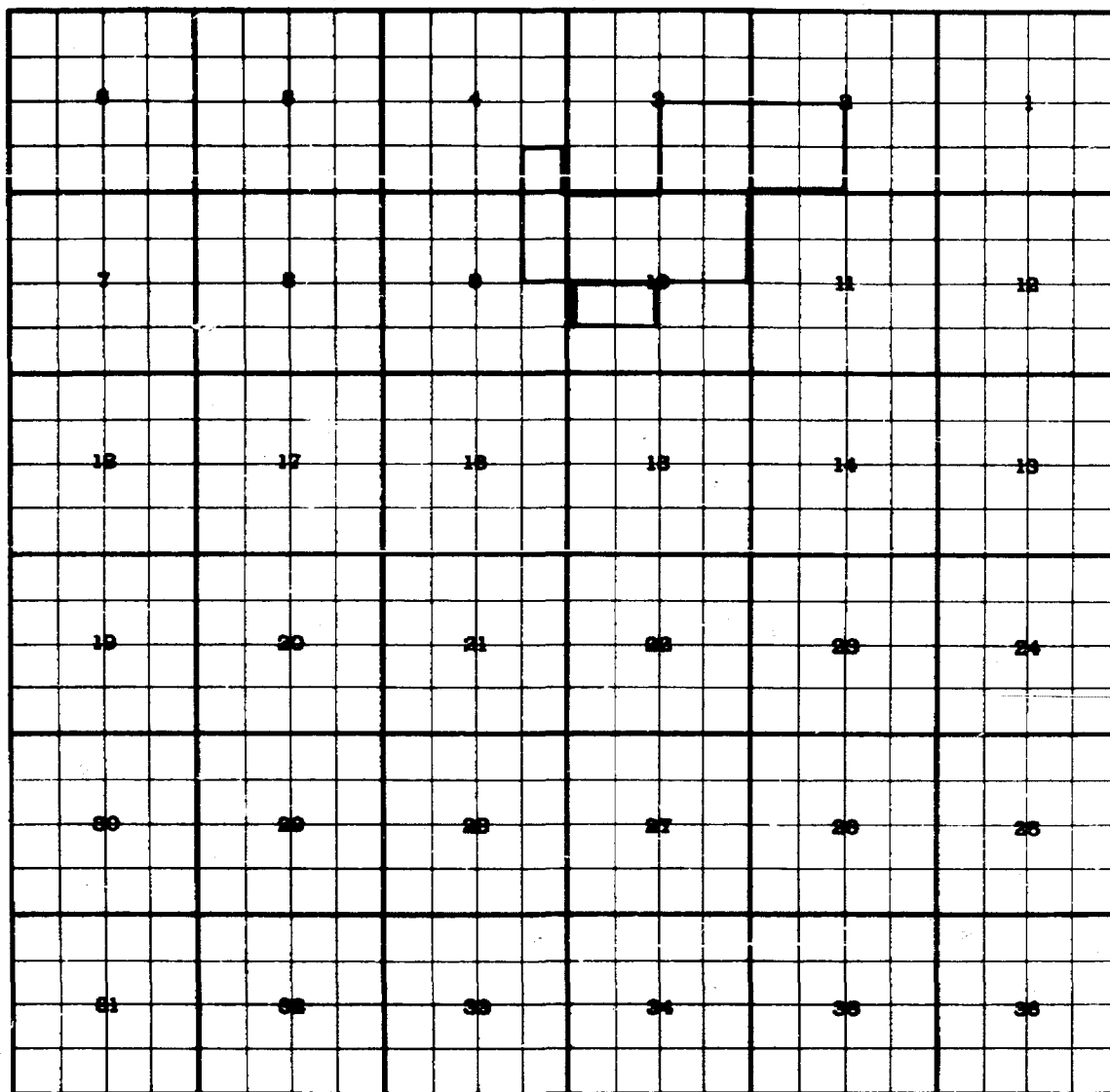
Pool boundary colored in red.

Proposed extension colored in green. SECTION 11: N/2 SE/4

CASE 2837: (K) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH SQUARE LAKE GRAYBURG

TOWNSHIP 16 South, RANGE 21 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

STANDARD OIL CO. OF TEXAS - Federal 15-10 No. 6 in Unit K of Section 10-
T168-R31E. Completed in Grayburg on May 18, 1961.
TOP OF PERFORATIONS 2476'

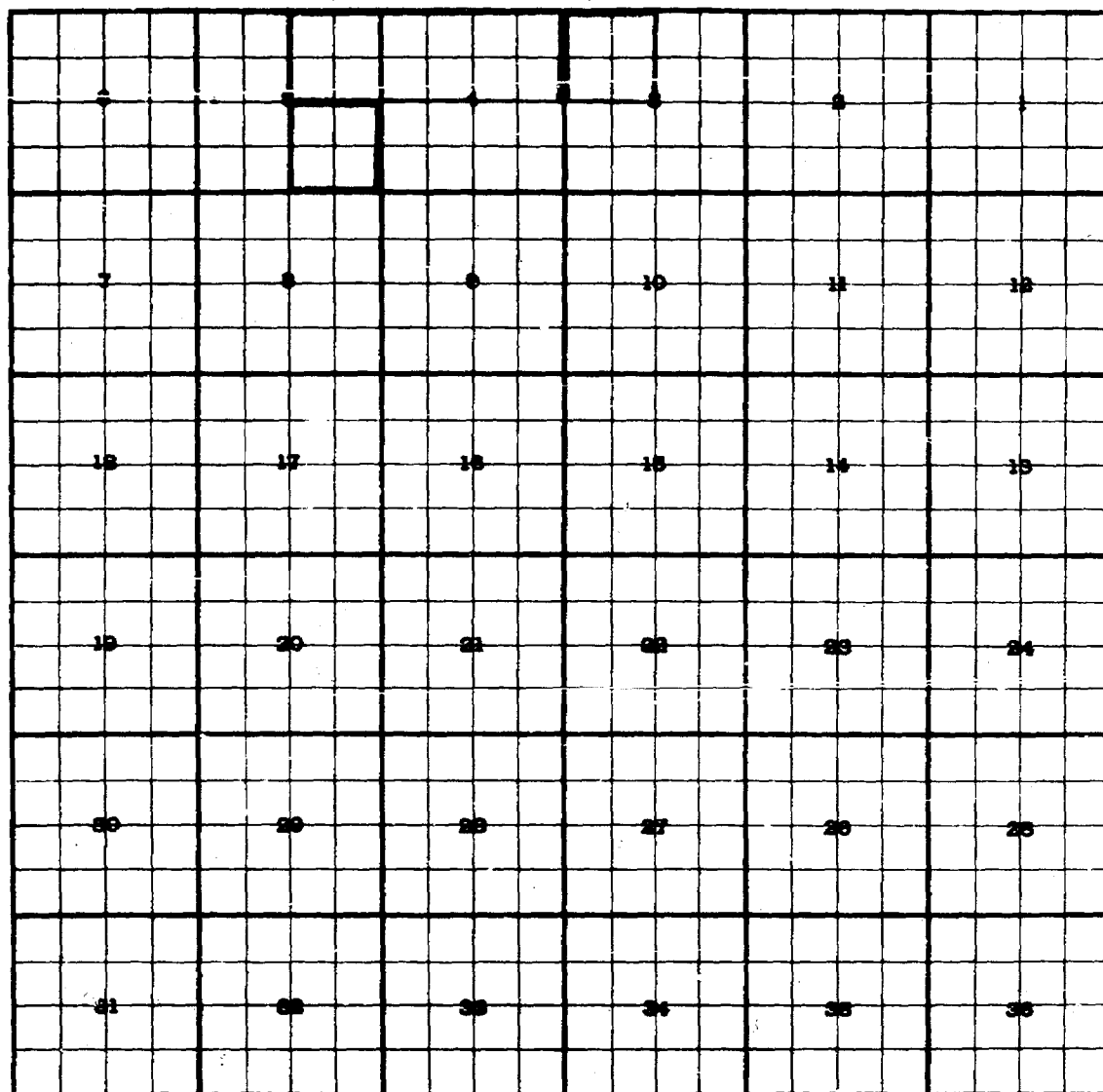
Pool boundary colored in red.

Proposed extension colored in green. SECTION 10: N/2 SW/4

CASE 2357: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-ABO

TOWNSHIP 18 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: Four (4) Completed wells capable of producing.
STANDARD OIL CO. OF TEXAS - Vac Edge Unit No. 9 in Unit D of Sec. 3-T188-R35E.
Completed in Abo on June 1, 1961. TOP OF PERFORATIONS 9010'.
STANDARD OIL CO. OF TEXAS - Vac Edge Unit No. 3 in Unit I of Sec. 5-T188-R35E.
Completed in Abo on June 22, 1961. TOP OF PERFORATIONS 8652'.
STANDARD OIL CO. OF TEXAS - Vac Edge Unit No. 10 in Unit J of Sec. 5-T188-R35E.
Completed in Abo on May 24, 1961. TOP OF PERFORATIONS 8750'.

Pool boundary colored in red.

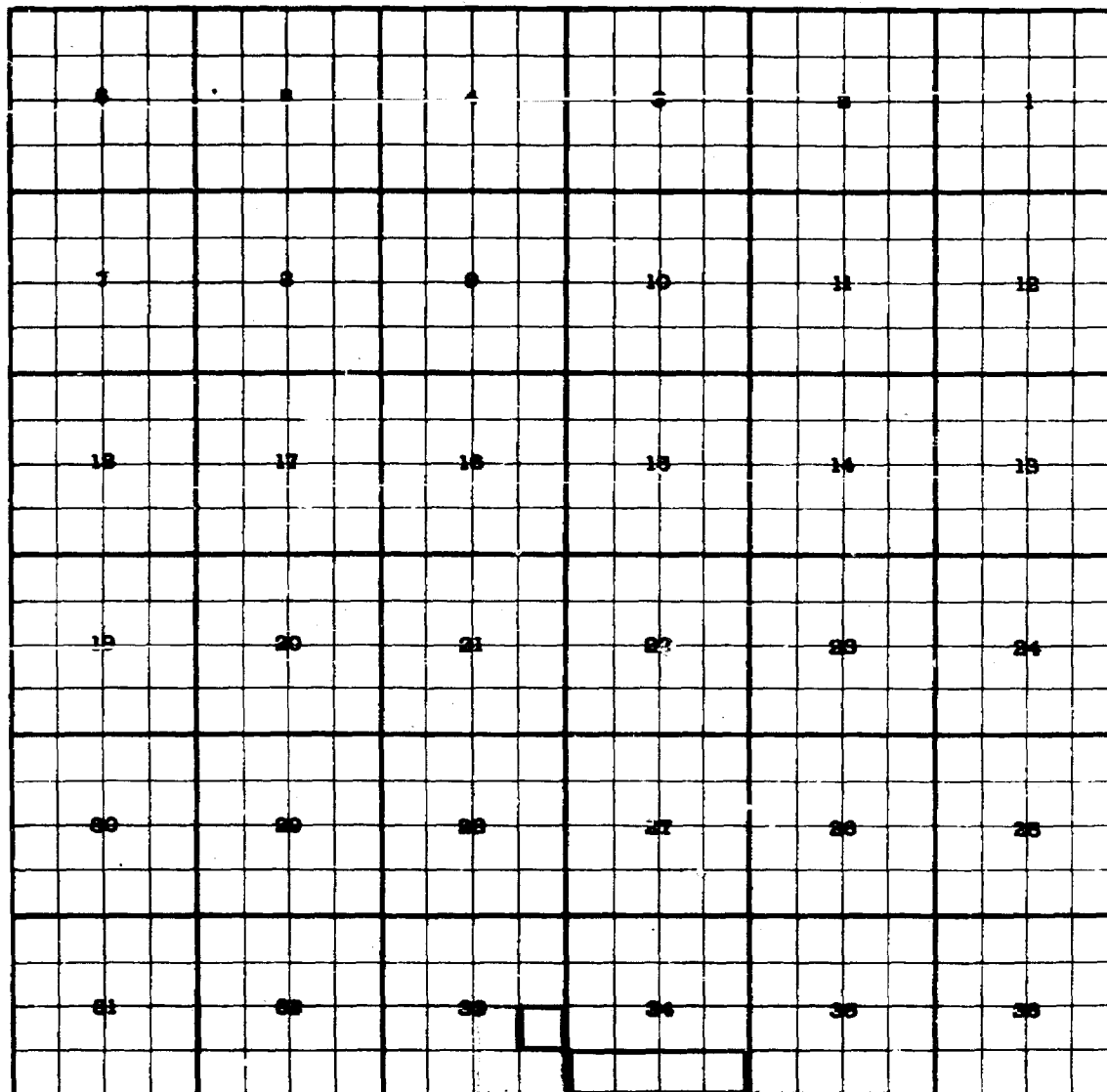
Proposed extensions colored in green. SECTION 3: NW/4

SECTION 5: SE/4

CASE 2337: (1) EXTENSION OF AN EXISTING OIL POOL. (Continued)

County LEA Pool VACUUM-ABO

TOWNSHIP 17 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: As stated on preceding page, Exhibit 1, paragraph (1).

ADDITION--SHELL OIL CO. - State "T" No. 7 in Unit I of Section 33-T178-R35E.

Completed in Abo on June 12, 1961.

DEPTH TO CASING SHOE 9203'.

Pool boundary in red.

ADDITION-Proposed extension colored in green. SECTION 33: NE/4 SE/4