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Case No.

1670

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Application, Transcript,  
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 THE STATE OF  
NEW MEXICO FOR THE PURPOSE OF  
CONSIDERING:

Case No. 1670  
Order No. R-1397

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,  
AND DELETING A PORTION OF A POOL  
IN EDDY COUNTY, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 13, 1959, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW on this 18<sup>th</sup> day of May, 1959, 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 Chaves County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation Coyote-Queen Pool. Said Coyote-Queen Pool was discovered by George H. Williams, Levick Well No. 1, located in the NW/4 of Section 21, Township 11 South, Range 27 East, NMPM. It was completed January 12, 1958. The top of perforations is at 836 feet.

(3) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Yates formation, said pool to bear the designation Chisum-Yates Gas Pool. Said Chisum-Yates Gas Pool was discovered by Honolulu Oil Corporation, State B Well No. 1, located in the SE/4 of Section 13, Township 11 South, Range 27 East, NMPM. It was completed November 3, 1949. Open hole is at 335 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation Loving-Delaware Pool. Said Loving-Delaware Pool was discovered by Ford Chapman and W. D. Thorn et al, State Well No. 1, located in the

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SW/4 of Section 1, Township 24 South, Range 27 East, NMPM. It was completed March 21, 1958. The top of perforations is at 2447 feet.

(5) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation Prairie-San Andres Pool. Said Prairie-San Andres Pool was discovered by The Atlantic Refining Company, B. Love Federal Well No. 1, located in the SW/4 of Section 8, Township 8 South, Range 36 East, NMPM. It was completed March 20, 1959. The top of perforations is at 4852 feet.

(6) That there is need for certain extensions to the Cave Pool, the Empire-Abo Pool, the East Millman-Queen-Grayburg Pool, the Shugart Pool, the North Shugart-Queen-Grayburg Pool, the Shugart-Delaware Pool, the Square Lake Pool, and the Turkey Track Pool, all in Eddy County, New Mexico; and to the Allison-Pennsylvanian Pool, the Crosby-Devonian Gas Pool, the Dean Permo-Pennsylvanian Pool, the Eumont Gas Pool, the Gladiola-Wolfcamp Pool, the Jalmat Gas Pool, the Justis Blinberry Pool, the Justis Fusselman Pool, the Justis McKee Pool, the Leamex-Pennsylvanian Pool, the Maljamar Pool, the North Mason-Delaware Pool, the Pearl-Queen Pool, the Saunders Pool, and the South Sawyer-San Andres Pool, all in Lea County, New Mexico; and to the Milnesand-San Andres Pool in Roosevelt County, New Mexico. Further, that there is need for the deletion of a certain portion of the Square Lake Pool in Eddy County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM

Section 15: SW/4  
Section 16: S/2  
Section 21: N/2

(b) That a new pool in Chaves County, New Mexico, classified as a gas pool for Yates production, be and the same is hereby created and designated as the Chisum-Yates Gas Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM

Section 13: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM

Section 1: SW/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 8: SW/4

(e) That the Square Lake Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby contracted by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 3: W/2 NW/4

(f) That the Cave 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 29 EAST, NMPM  
Section 3: W/2 NW/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
Section 12: NW/4  
Section 14: NW/4  
Section 15: NE/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 21: SW/4

(i) That the Dean Permo-Pennsylvanian 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 37 EAST, NMPM  
Section 4: Lots 3, 4, 5, & 6

(j) 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:

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TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM

Section 1: W/2  
Section 2: NE/4  
Section 3: SW/4  
Section 4: SE/4  
Section 9: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 29: All

(l) That the Gladiola-Wolfcamp 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 37 EAST, NMPM

Section 26: SW/4

(m) 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 35 EAST, NMPM

Section 2: SW/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 24: NW/4  
Section 25: NW/4  
Section 26: NE/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 13: NW/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 25: NE/4

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Order No. R-1397

(q) That the Leamex-Pennsylvanian 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 33 EAST, NMPM  
Section 23: NW/4

(r) 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 13: SE/4

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

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM  
Section 18: NE/4

(t) That the East Millman-Queen-Grayburg 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 28 EAST, NMPM  
Section 12: S/2

(u) That the Milnesand-San Andres 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 34 EAST, NMPM  
Section 14: E/2

(v) 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 19 SOUTH, RANGE 35 EAST, NMPM  
Section 33: NE/4

(w) That the Saunders 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 28: SW/4  
Section 29: SE/4

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Case No. 1670  
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(x) That the South Sawyer-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 38 EAST, NMPM

Section 28: SW/4 SW/4  
Section 33: W/2 NW/4

(y) 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 18 SOUTH, RANGE 31 EAST, NMPM

Section 25: W/2 SW/4  
Section 26: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 29: SW/4  
Section 32: W/2

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 27: NW/4

(bb) That the Square Lake 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 29 EAST, NMPM

Section 9: S/2

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

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 27: SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, extensions, and the deletion included herein shall be June 1, 1959.



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Order No. R-1397

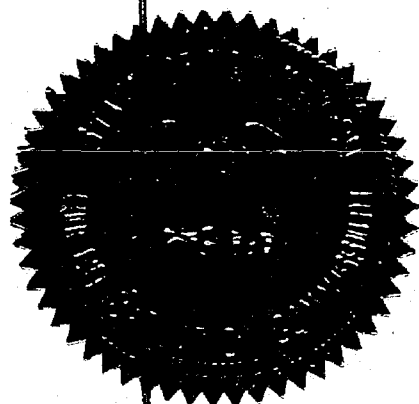
DONE at Santa Fe, New Mexico, on the day and year hereinabove  
designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*John Burroughs*  
JOHN BURROUGHS, Chairman

*Murray E. Morgan*  
MURRAY E. MORGAN, Member

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



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Case 16 70

NOMENCLATURE ADVERTISEMENT FOR MAY 1959

Case No. \_\_\_\_\_

~~In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation, deletion, and extension of 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, deletion, and extensions should not be made.~~

- (a) Create a new <sup>oil</sup> pool in Chaves County, New Mexico, ~~classified as an oil pool~~ for Queen production, designated as the Chisum-Queen Oil Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM  
Section 16: SW/4  
Section 21: N/2

~~and such other, et cetera.~~

(b) ~~See last page~~

- (c) Create a new pool in Eddy County, New Mexico, ~~classified as an oil pool~~ for Delaware production, designated as the Loving-Delaware Oil Pool, and described as:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
Section 1: SW/4

~~and such other, et cetera.~~

- (d) Create a new <sup>oil</sup> pool in Roosevelt County, New Mexico, ~~classified as an oil pool~~ for San Andres production, designated as the Prairie-San Andres Oil Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 8: SW/4

~~and such other, et cetera.~~

(e) ~~See last page~~

- (f) Delete a portion of the Square Lake Oil Pool in Eddy County, New Mexico, described as:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 3: W/2 NW/4

- (g) Extend the Allison-Pennsylvanian Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
Section 14: NW/4  
Section 15: NE/4

~~and such other, et cetera.~~

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Caf

~~(f) Extend the Atoka Pool in Eddy County, New Mexico, to include~~

~~therein:~~

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM

Section 13: E/2 NE/4

~~and such other, et cetera.~~

~~(g) Extend the Cave Pool in Eddy County, New Mexico, to include~~  
~~therein:~~

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 3: W/2 NW/4

~~and such other, et cetera.~~

~~(h) Extend the Crosby-Devonian Gas Pool in Lea County, New Mexico, to~~  
~~include therein:~~

TOWNSHIP 25 SOUTH, RANGE <sup>37</sup> 38 EAST, NMPM

Section 21: SW/4

~~and such other, et cetera.~~

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

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 7: Lots 3, 4, 5, & 6

~~and such other, et cetera.~~

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 2: NE/4

Section 3: SW/4

~~and such other, et cetera.~~

~~(k) Extend the Eunont Gas Pool in Lea County, New Mexico, to include~~  
~~therein:~~

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 29

~~and such other, et cetera.~~

~~(l) Extend the Gladiola-Wolfcamp Pool in Lea County, New Mexico, to~~  
~~include therein:~~

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM

Section 26: SW/4

~~and such other, et cetera.~~

- (m) Extend the Jalmat Gas Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM  
Section 2: SW/4

~~and such other, et cetera.~~

- (n) Extend the Justis Blinbry Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 24: NW/4

~~and such other, et cetera.~~

- (o) Extend the Justis Fusselman Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 13: NW/4

~~and such other, et cetera.~~

- (p) Extend the Justis McKee Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 25: NE/4

~~and such other, et cetera.~~

- (q) Extend the Leamex-Pennsylvanian Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
Section 23: NW/4

~~and such other, et cetera.~~

- (r) Extend the Maljamar Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
Section 13: SE/4

~~and such other, et cetera.~~

- (s) Extend the North Mason-Delaware Pool in ~~Lea County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM  
Section 18: NE/4

~~and such other, et cetera.~~

# Memo

From  
R. L. Stanets  
Geologist

To

- 1.) Delete paragraph (f)
- 2.) in paragraph (i)  
Section 3 should be  
changed to Section 4.
- 3.) In paragr. (h) change  
Range 38 to Range 37.

- (t) Extend the East Millman-Queen-Grayburg Pool ~~in Eddy County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 12: SE/4

~~and such other, et cetera.~~

- (u) Extend the Milnesand-San Andres Pool ~~in Roosevelt County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
Section 14: E/2

~~and such other, et cetera.~~

- (v) Extend the Pearl-Queen Pool ~~in Lea County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 33: NE/4

~~and such other, et cetera.~~

- (w) Extend the Saunders Pool ~~in Lea County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
Section 28: SW/4  
Section 29: SE/4

~~and such other, et cetera.~~

- (x) Extend the South Sawyer-San Andres Pool ~~in Lea County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 9 SOUTH, RANGE 38 EAST, NMPM  
Section 28: SW/4 SW/4  
Section 33: W/2 NW/4

~~and such other, et cetera.~~

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 25: W/2 SW/4  
Section 26: SE/4

~~and such other, et cetera.~~

- (a) Extend the North Shugart, Queen-Grayburg Pool ~~in Eddy County, New Mexico,~~ to include ~~therein.~~

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 32: W/2  
Section 29: SW/4

~~and such other, et cetera.~~

- (aa) Extend the Shugart-Delaware Pool in ~~Eddy County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 27: NW/4

~~and such other, et cetera.~~

- (bb) Extend the Square Lake Pool in ~~Eddy County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 9: S/2

~~and such other, et cetera.~~

- (cc) Extend the Turkey Track Pool in ~~Eddy County, New Mexico,~~ to include ~~therein:~~

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
Section 27: SW/4

~~and such other, et cetera.~~

- ~~(d) Create a new <sup>gas</sup> pool in Chaves County, New Mexico, classified as a gas pool for Yates production, designated as the Chisum-Yates Gas Pool, and described as:~~

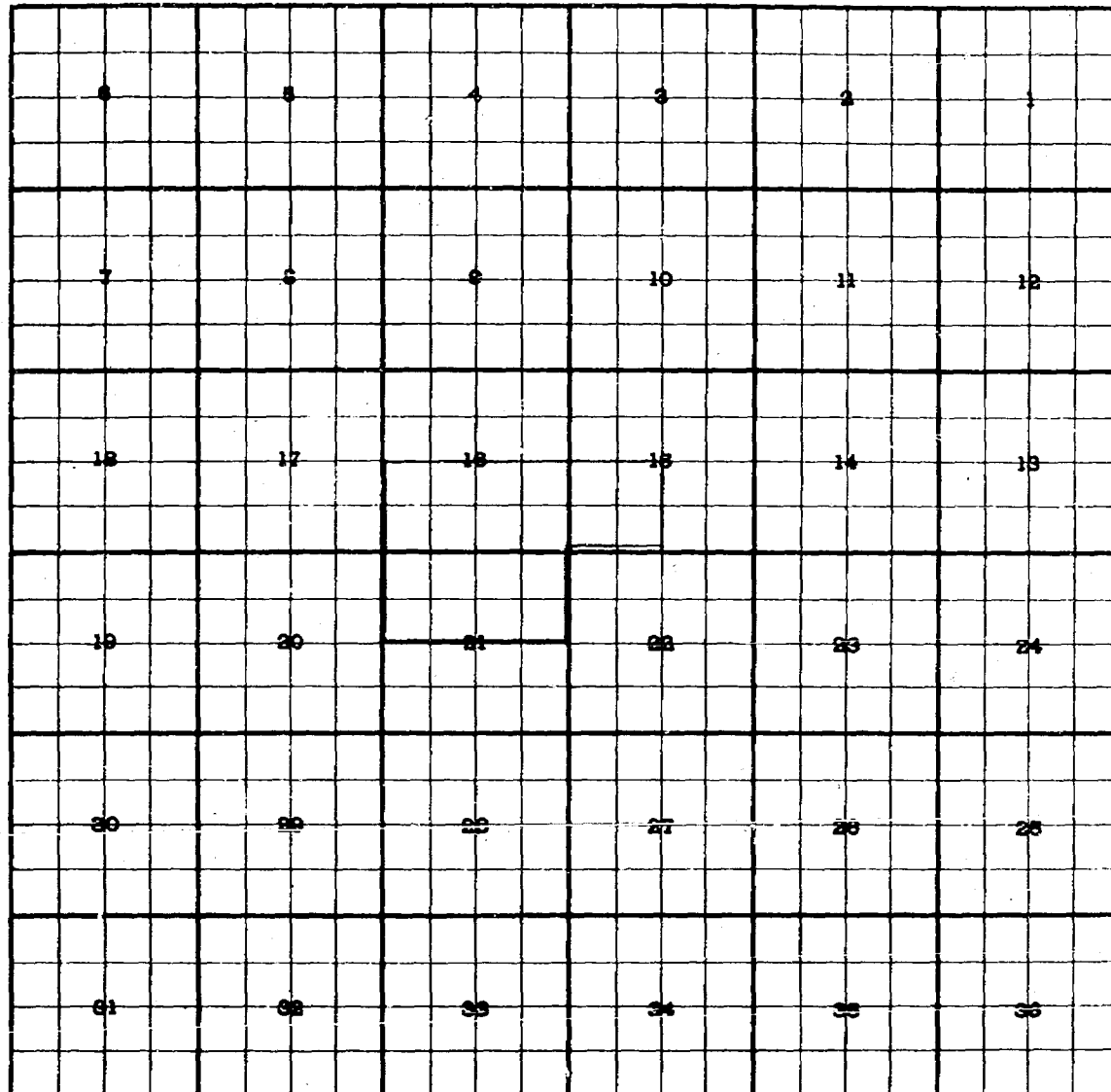
Township 11 South, Range 27 East  
Section 13: SE/4

CASE 1670: (a) CREATION OF AN OIL POOL.

County CHAVES

Pool Coyote ~~CHERRY QUEEN~~

TOWNSHIP 11 South, RANGE 27 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Five (5) completed oil wells capable of producing.

Hanson, Waters & Williamson - Levick State B #1 in Unit B of Sec. 21-11-27.

Completed in Queen on Jan. 23, 1959. Top of perforations 834'.

Hanson, Waters & Williamson - Levick State B #2 in Unit A of Sec. 21-11-27.

Completed in Queen on April 12, 1959. Top of perforations 854'.

Steinberger Drilling Company - Hanson State #1 in Unit N of Sec. 16-11-27.

Completed in Penrose March 2, 1958. Top of perforations 834'.

George H. Williams - Levick #1 in Unit D of Sec. 21-11-27.

Completed in Penrose on Jan. 12, 1958. Top of perforations 836'.

ADDITION: Hanson, Waters & Williamson - Levick State C #1 in Unit M of Sec. 15-11-27.

Completed in Queen on April 16, 1959. Top of perforations 861'.

Pool boundary colored in red.

Section 16: SW/4

Section 21: N/2

ADDITION:

Section 15: SW/4

ADDITION:

Section 16: SE/4



CASE 1670: (b) CREATION OF A GAS POOL.

County CHAVES Pool CHISUM VATES GAS

TOWNSHIP 11 South, RANGE 27 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Discovery Well: Honolulu Oil Corporation - State B #1 in Unit J of  
Section 13-11-27. Completed in Yates formation November 3, 1949.  
Open hole - 335'.

Pool boundary colored in red. Section 13: SE/4

CASE 1670: (c) CREATION OF AN OIL POOL.

County EDDY Pool LOVING-DELAWARE

TOWNSHIP 24 South, RANGE 27 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	37	38	39	40

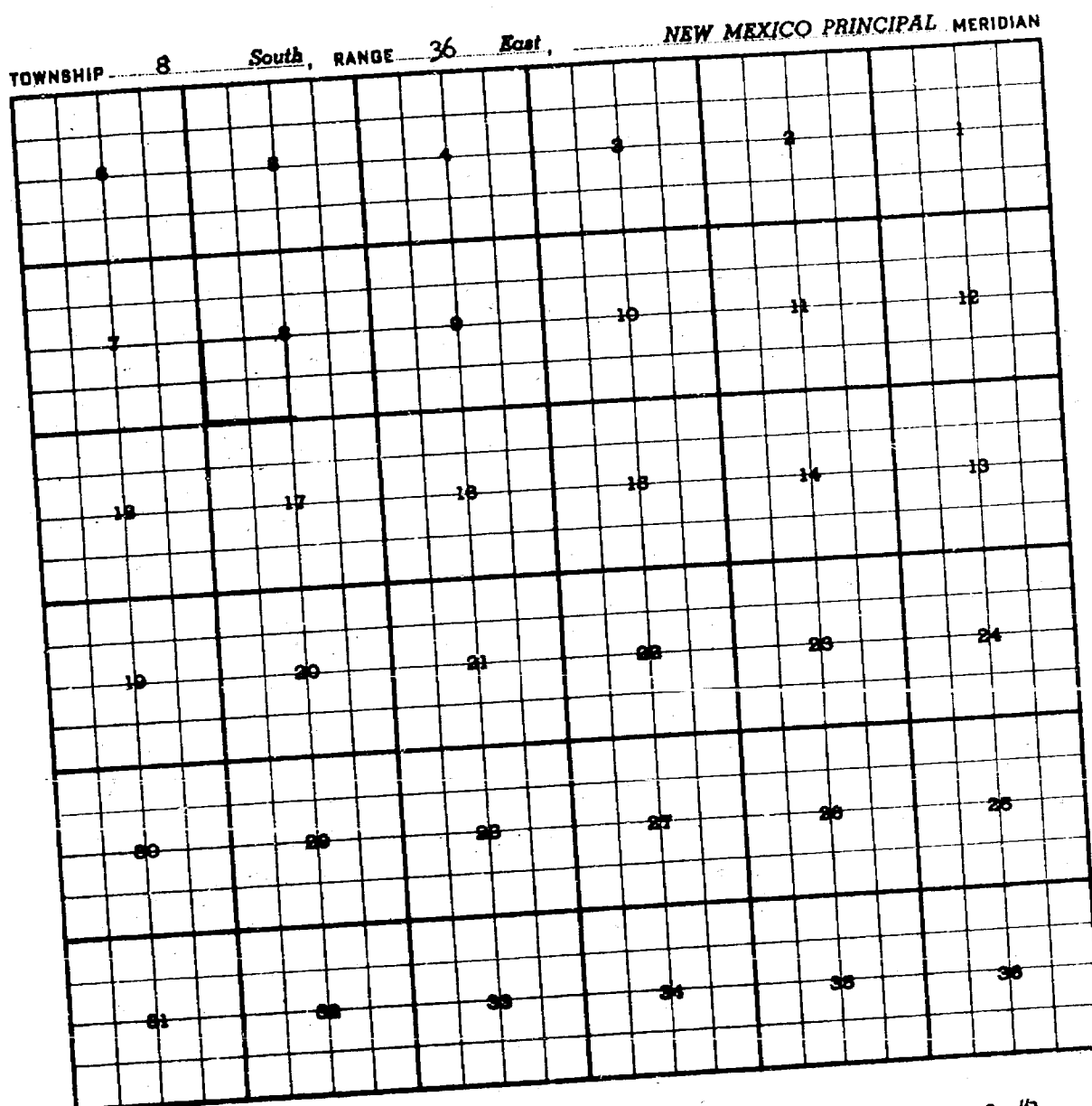
Discovery Well: Ford Chapman & W. D. Thorn et al - State #1 in Unit K  
of Section 1-24-27. Completed in Delaware formation on March 21, 1958.  
Top of perforations 2447'.

Purpose: One completed oil well capable of producing.

Pool boundary colored in red. Section 1: SW/4

CASE 1670: (d) CREATION OF AN OIL POOL.

County ROOSEVELT Pool PRAIRIE-SAN ANDRES



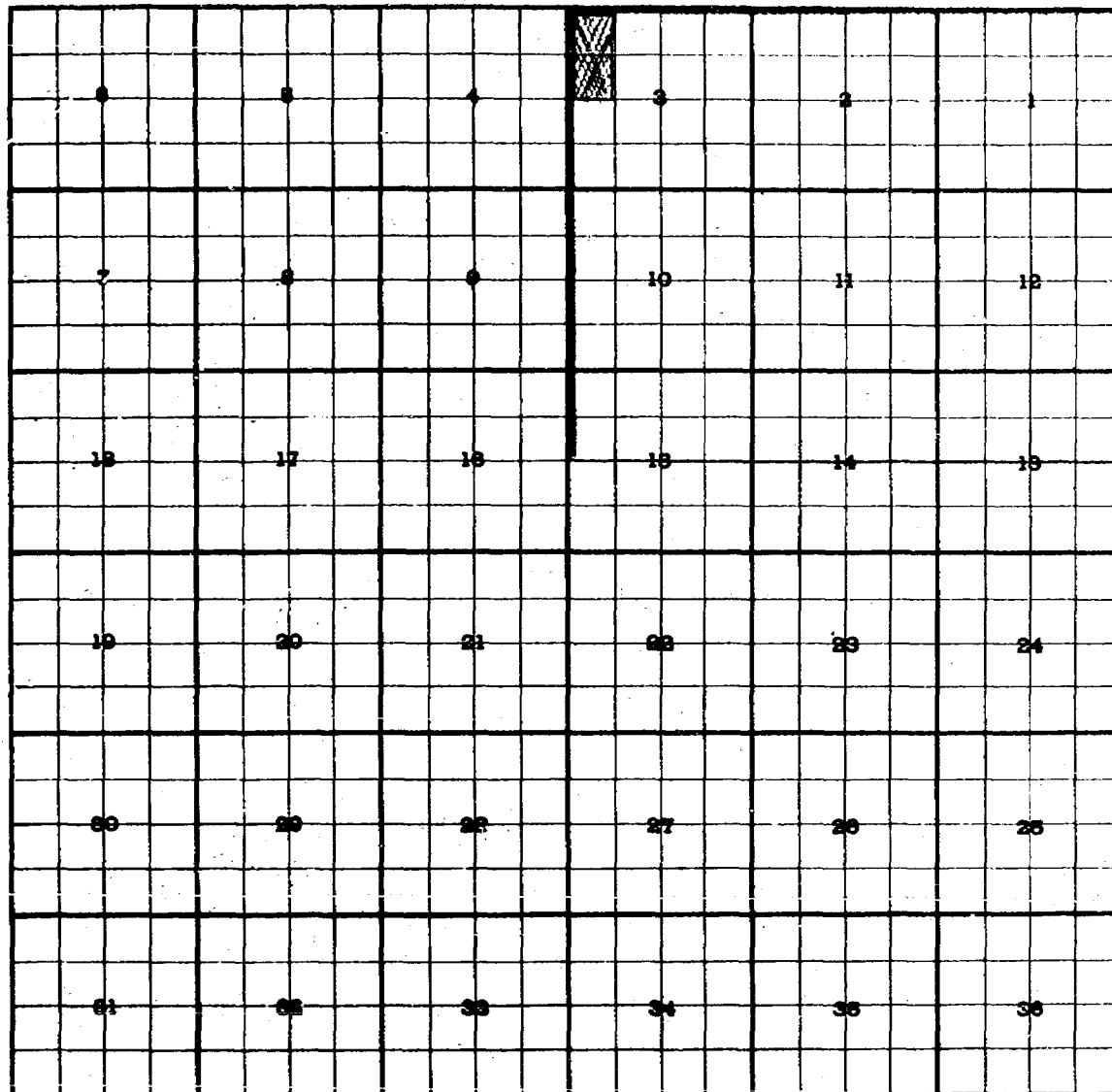
Discovery Well: The Atlantic Refining Company - B. Love Federal #1  
in Unit N of Section 8-8-36. Completed in San Andres on March 20, 1959.  
Top of perforations at 4852'.

Purpose: One completed oil well capable of producing.  
Pool boundary colored in red. Section: 8: SW/4

CASE 1670: (e) PARTIAL DELETION OF AN EXISTING OIL POOL.

County EDDY Pool SQUARE LAKE

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



Purpose: To extend the Cave Pool to include a producing oil well.

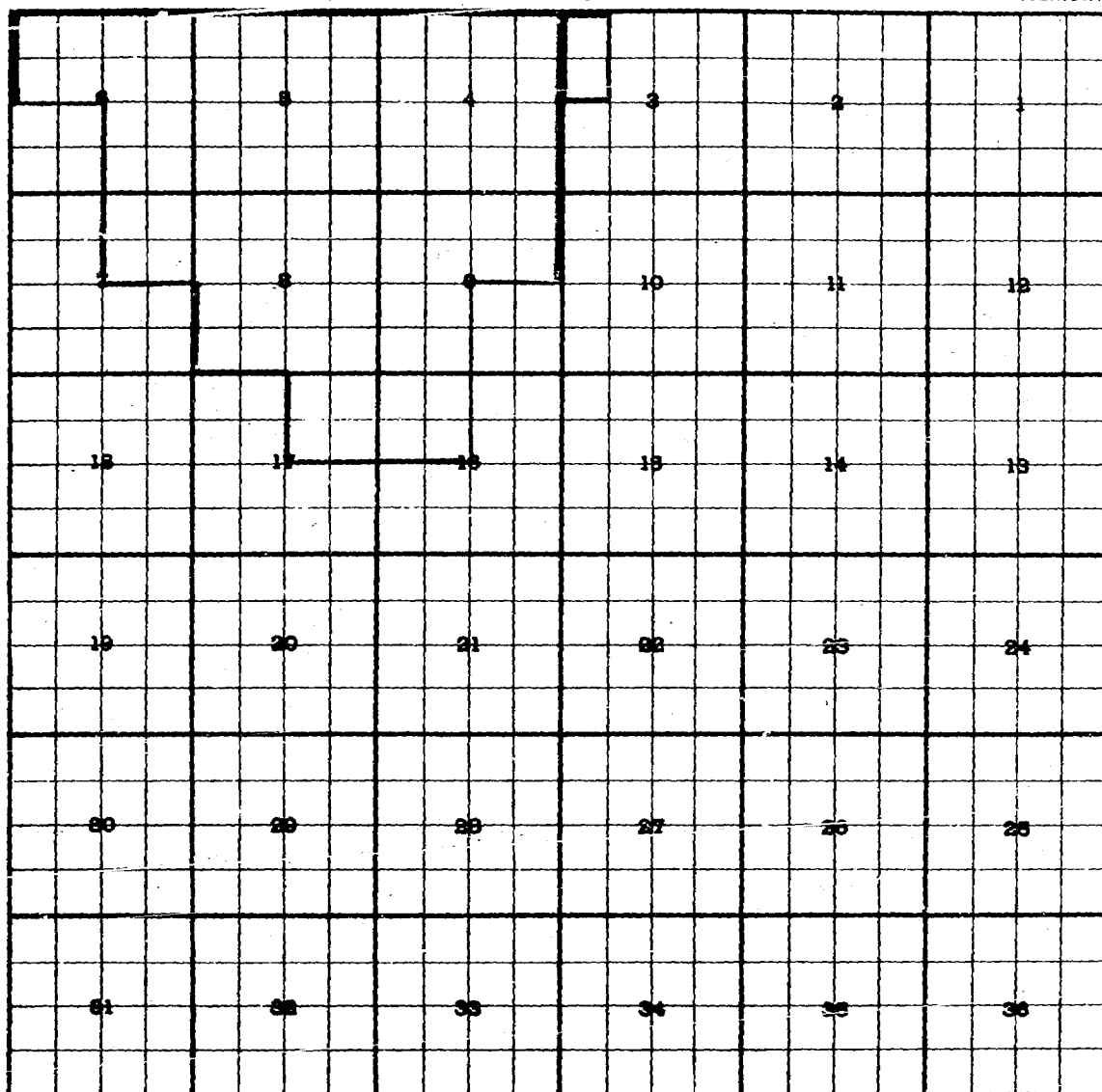
Proposed deletion: Section 3: W/2 NW/4 (Colored in green)

Pool boundary colored in red.

CASE 1670: (f) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool CAVE

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



Purpose: One completed oil well capable of producing.

Shelton-Warren Oil Producers - Gulf State "E" #2 in Unit E of  
Section 3-17-29. Completed in Grayburg formation August 28, 1959.  
Top of perforations at 2433'.

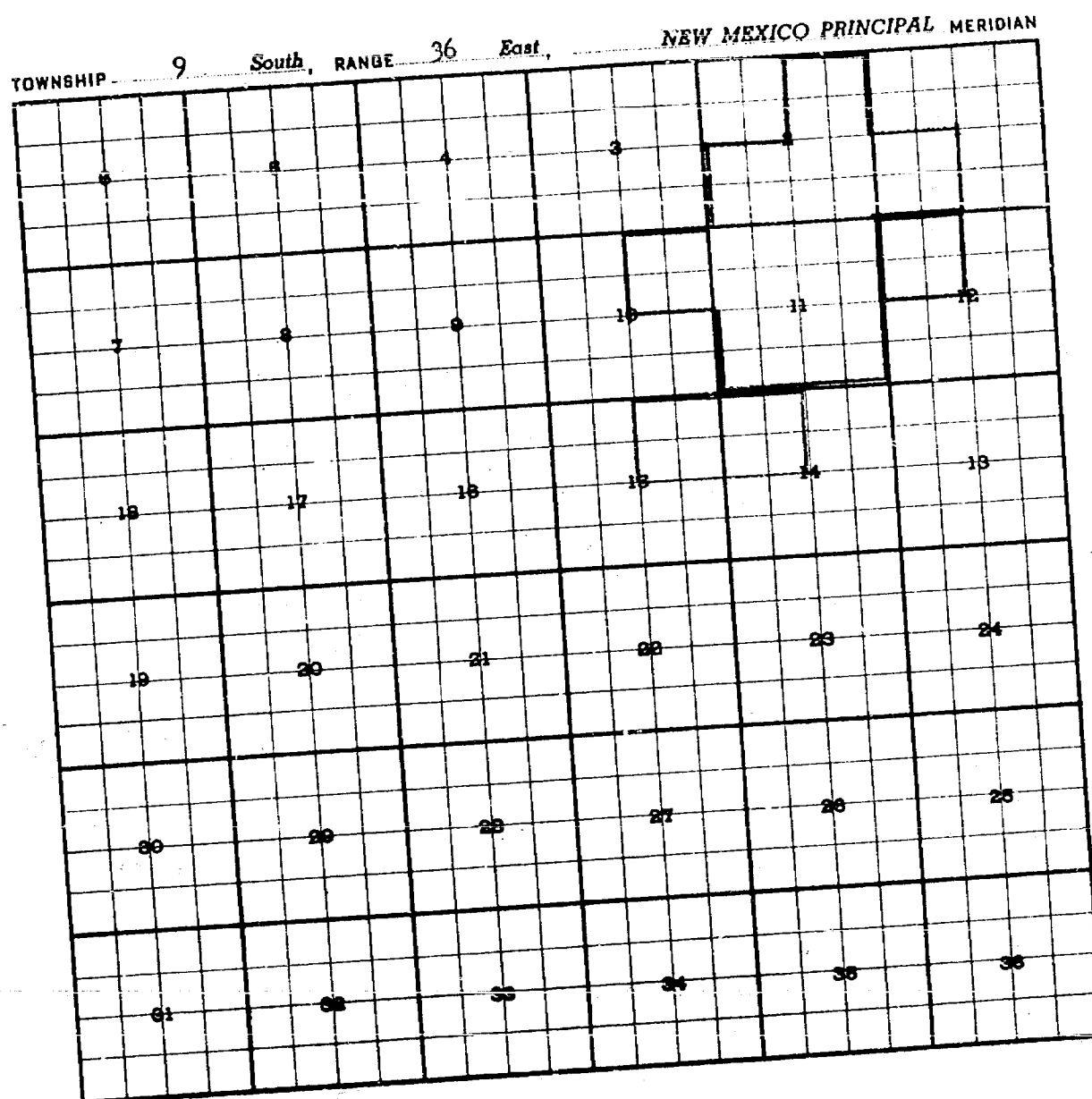
Pool boundary colored in red.

Proposed extension colored in green. Section 3: W/2 NW/4

County

LEA

Pool ALLISON PENNSYLVANIAN



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

Magnolia Petroleum Company - Santa Fe #1 in Unit H of Sec. 15-9-36.

Completed in Pennsylvanian formation on March 24, 1959. Top of perforations at 9718'.

ADDITION:

Magnolia Petroleum Company - Cox Federal #2 in Unit D of Section 12-9-36.

Completed in Pennsylvanian formation on April 15, 1959. Top of perforations at 9690'.

Pool boundary colored in red.

Proposed extensions colored in green.

Section 14: NW/4

Section 15: NE/4

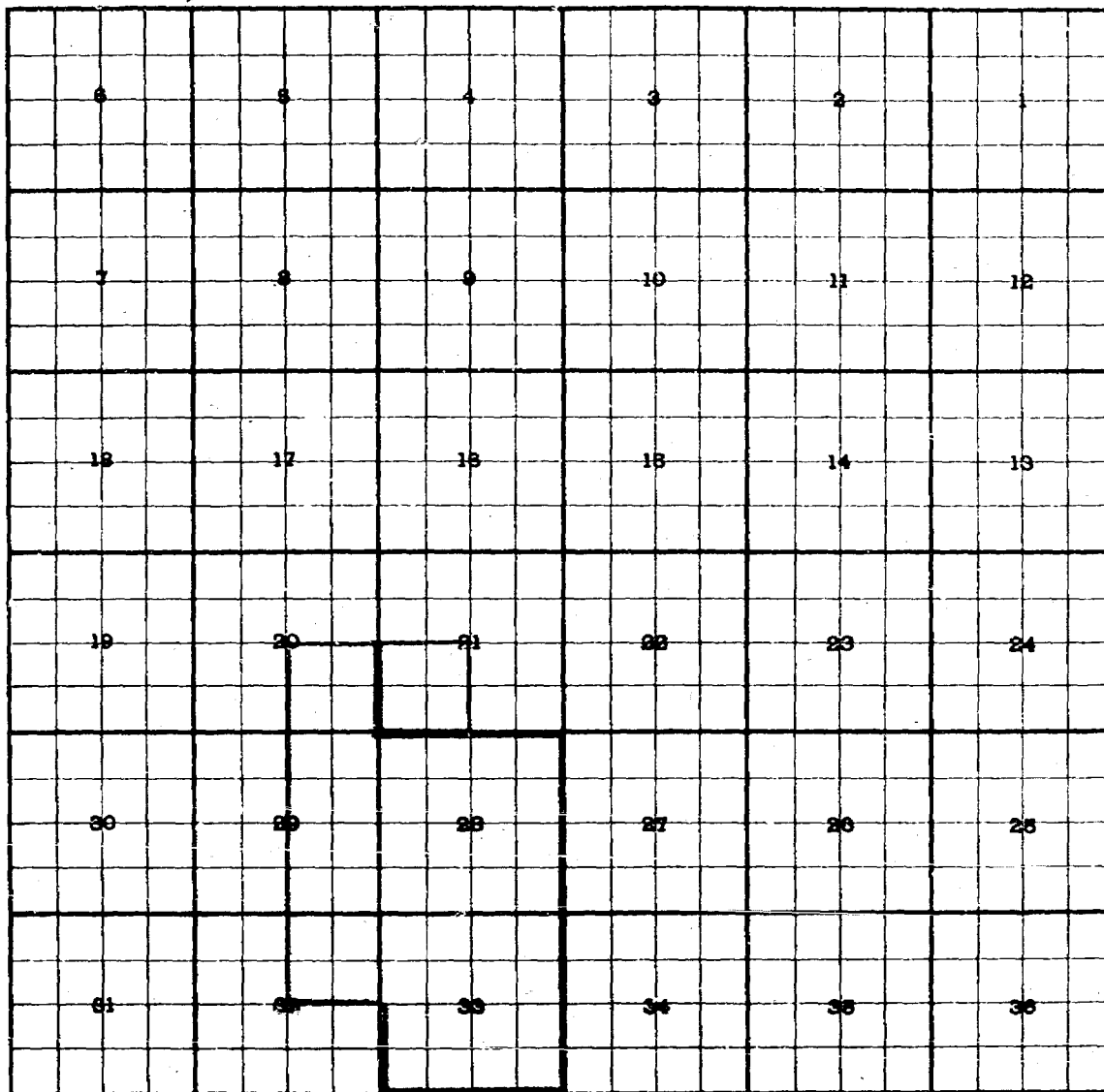
ADDITION:

Section 12: NW/4

CASE 1670: (h) EXTENSION OF AN EXISTING GAS POOL.

County LEA Pool CROSBY-DEVONIAN

TOWNSHIP 25 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Jal Oil Company, Inc. - Eva Owen D #1 in Unit M of Sec. 21-25-37.

Completed in Devonian formation on March 25, 1956.

Top of perforations 8970'.

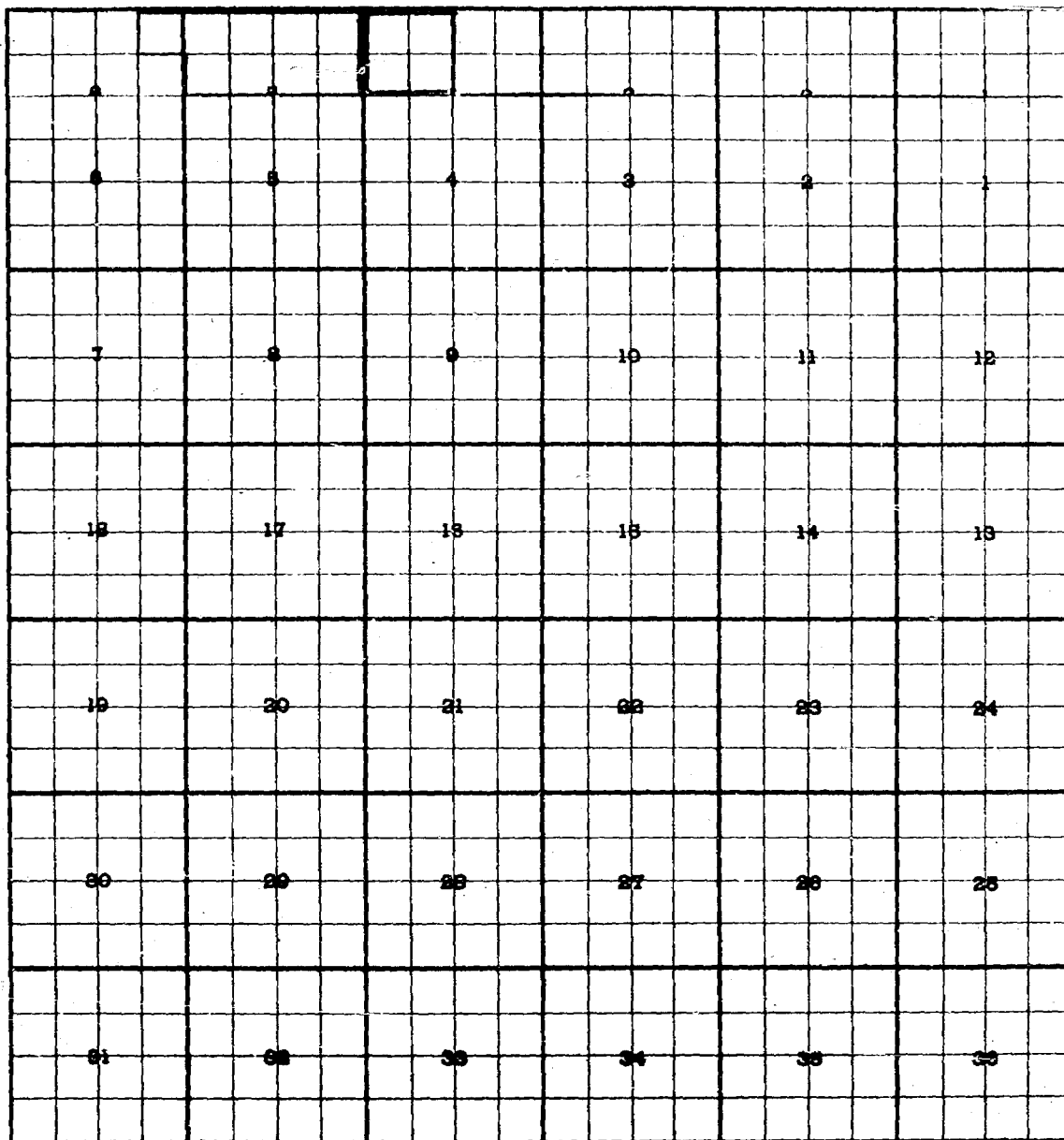
Pool boundary colored in red.

Proposed extension colored in green. Section 21: SW/4.

CASE 1670: (1) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool DEAN PERMO-PENNSYLVANIAN

TOWNSHIP 16 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One oil well which has produced.

Sinclair Oil & Gas Company - State #1 in Unit D of Sec. 4-16-37.

Completed in Pennsylvanian formation October 2, 1957.

Top of perforations - 11,554'.

Pool boundary colored in red.

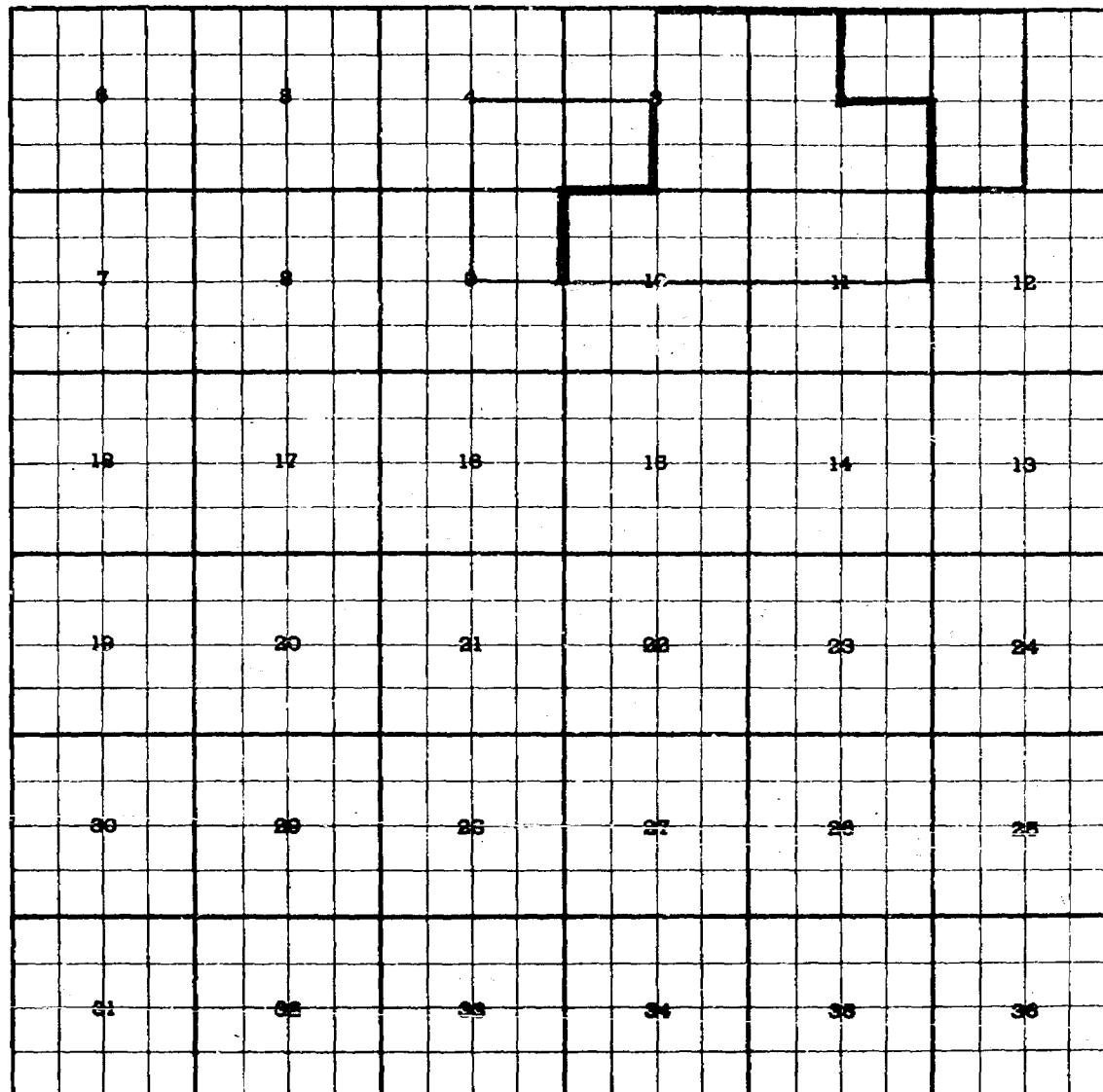
Proposed extension colored in green. Section 4: Lots, 3, 4, 5, & 6.



CASE 1670: (j) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool EMPIRE-ABO

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



Purpose: Seven (7) completed oil wells capable of producing.  
Fred Turner, Jr. - State (B-9391) #1 in Unit H of Sec. 2-18-27.

Completed in Abo Formation March 13, 1959.

Pan American Petroleum Corp. - Mann Federal #1 in Unit M of Sec. 3-18-27.

Completed in Abo Feb. 18, 1959. Top of perforations 5560'.

Pan American Petroleum Corp. - Malco Refineries "H" #3 in Unit N of Sec. 3-18-27. Completed in Abo April 7, 1959. Top of perforations 5718'.

ADDITION: Pan American Petroleum Corp. - Malco Refineries "F" #1 in Unit L of Sec. 1-18-27. Completed in Abo April 20, 1959. Top of perforations 6040'.

ADDITION: Pan American Petroleum Corp. - Malco Refineries "F" #2 in Unit E of Sec. 1-18-27. Completed in Abo April 21, 1959. Top of perforations 5875'.

ADDITION: Pan American Petroleum Corp. - R. F. Windfohr #1 in Unit P of Sec. 4-18-27. Completed in Abo March 25, 1959. Top of perforations 5592'.

ADDITION: Pan American Petroleum Corp. - Malco Refineries "G" in Unit A of Sec. 9-18-27. Completed in Abo April 27, 1959. Top of perforations 5652'.

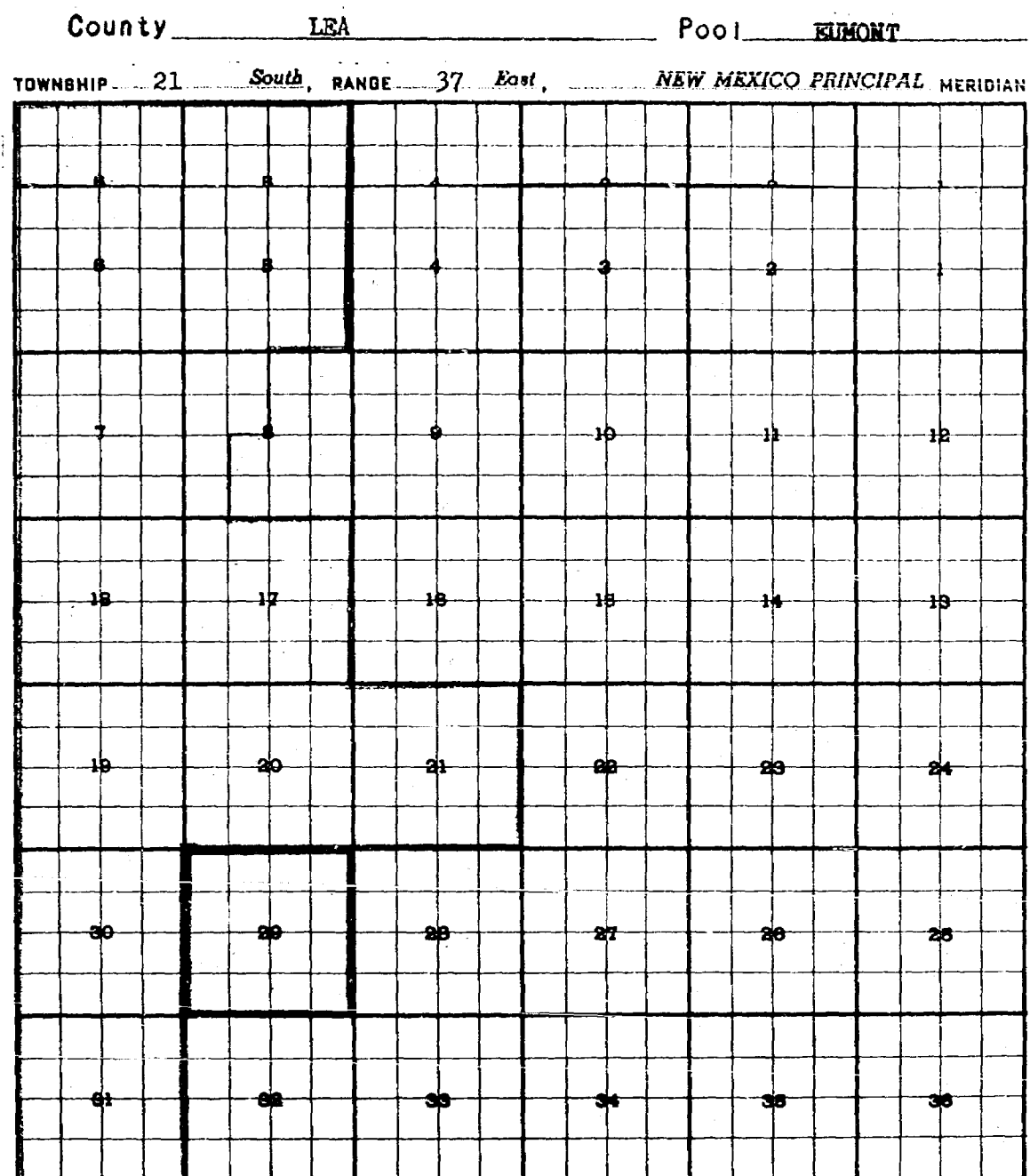
Pool boundary colored in red. Proposed extensions colored in green.

Section 2: NE/4 Section 3: SW/4

ADDITION: Section 1: W/2 ADDITION: Section 4: SE/4

ADDITION: Section 9: NE/4

CASE 1670: (k) EXTENSION OF AN EXISTING GAS POOL.



Purpose: One completed gas well capable of producing.

Pan American Petroleum Corporation - W. H. Turner #1 in Unit P  
of Sec. 29-31-37. Completed in Penrose September 29, 1958.  
Top of perforations 3520'.

Pool boundary colored in red.

Proposed extension colored in green. Section 29

CASE 1670:(1) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool GLADIOLA-WOLFCAMP

TOWNSHIP 12 *South*, RANGE 37 *East*, NEW MEXICO PRINCIPAL MERIDIAN

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	37	38

Purpose: One completed oil well capable of producing.

H. S. Moss - D. P. Peck #2 in Unit M of Section 26-12-37.

Completed in Wolfcamp May 12, 1957. Top of perforations 9736'.

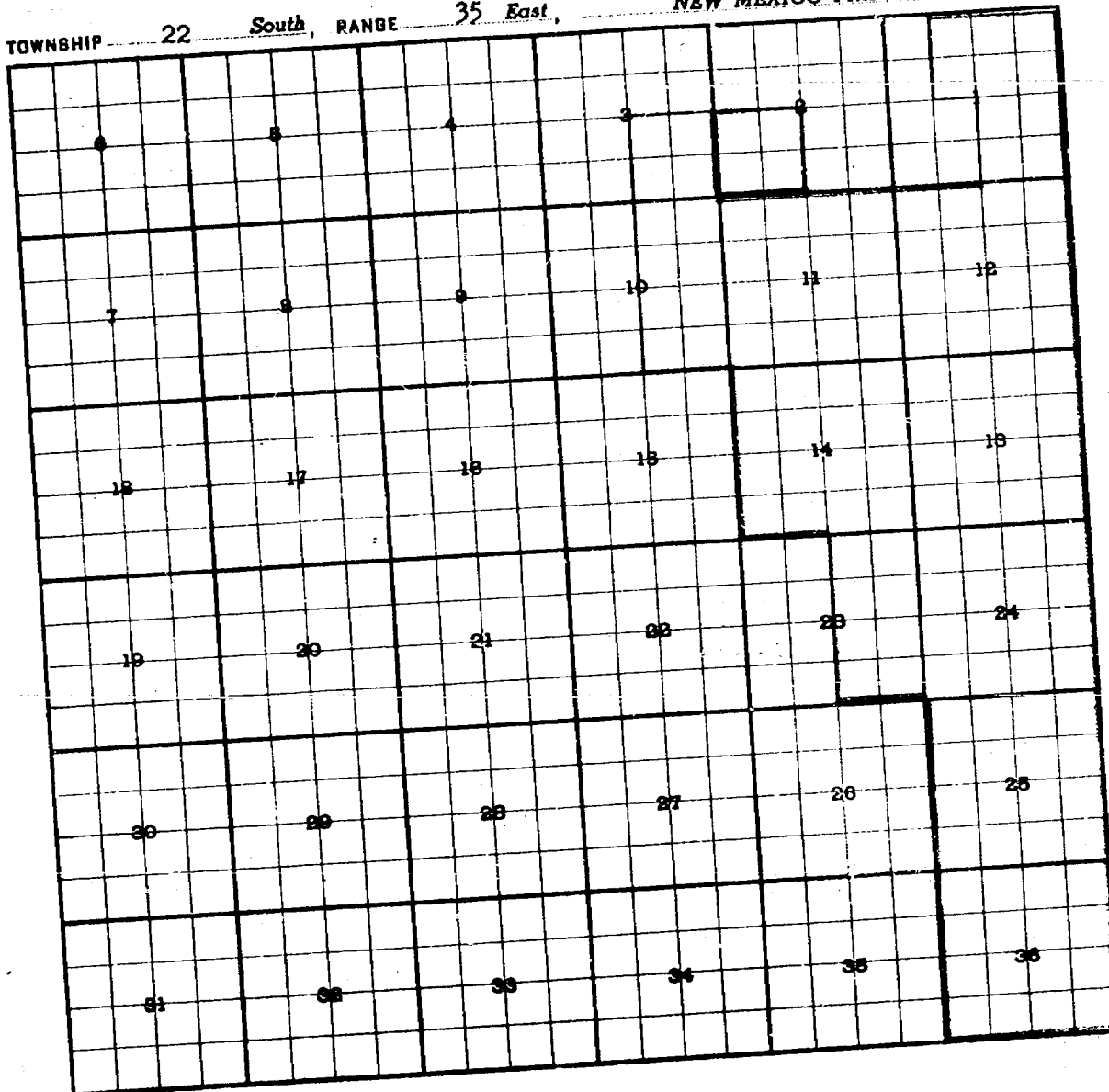
Pool boundary colored in red.

Proposed extension colored in green. Section 26: SW/4

CASE 1670: (m) EXTENSION OF AN EXISTING GAS POOL.

County LEA Pool JALMAT

TOWNSHIP 22 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



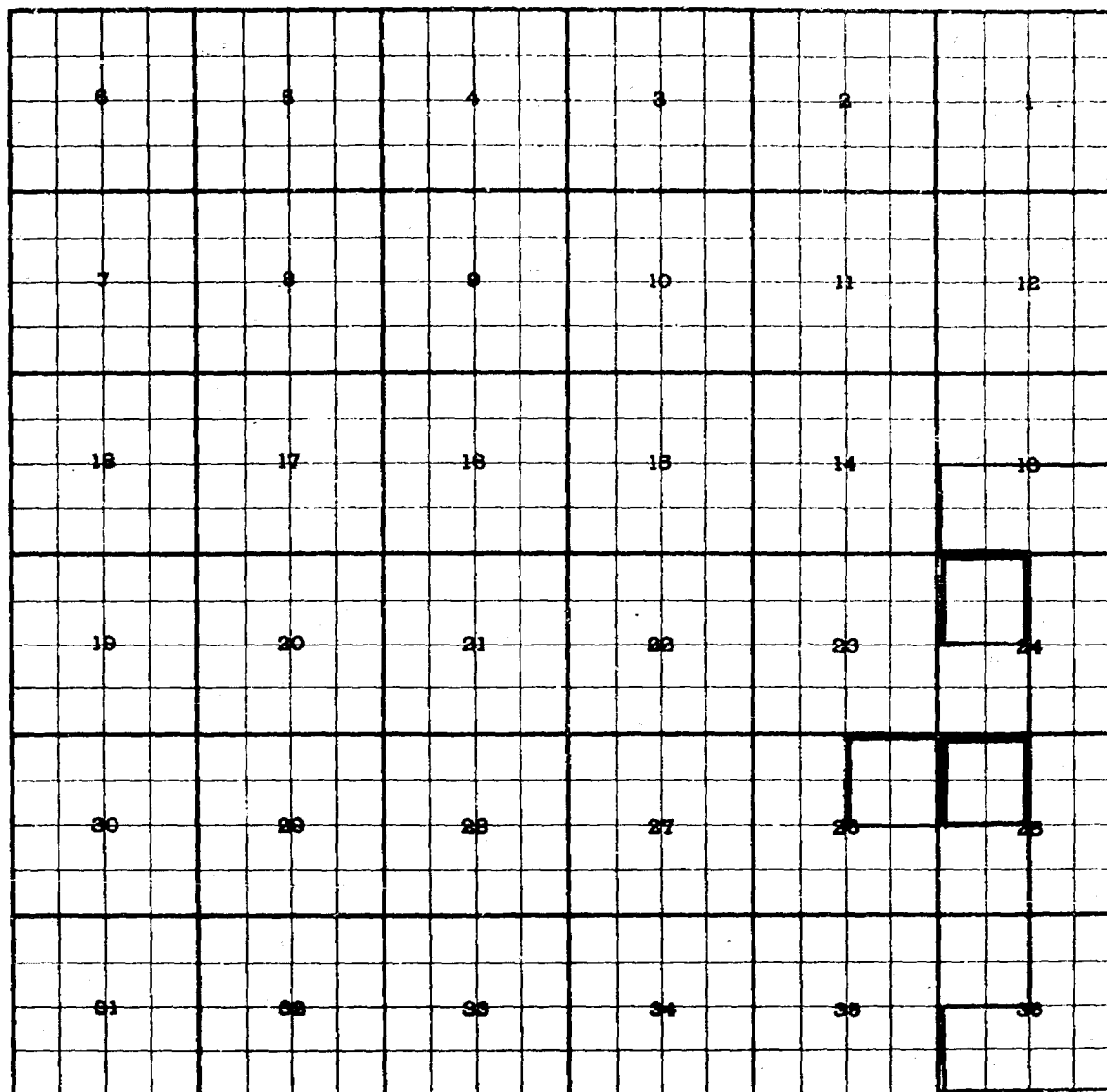
Purpose: One completed oil well capable of producing.  
Carper Drilling Company, Inc. - Carper-Randel "A" #5 in  
Unit N of Sec. 2-22-35. Completed in Yates November 9, 1958.  
Top of perforations 3940'.

Pool boundary colored in red.  
Proposed extension colored in green: Section 2: SW/4

CASE 1670: (n) EXTENSION OF AN EXISTING OIL POOL.

County \_\_\_\_\_ LEA \_\_\_\_\_ Pool JUSTIS-BLINEBRY

TOWNSHIP 25 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Three completed oil wells capable of producing.

Western Natural Gas Company - Wimberley #6 in Unit D of

Section 24-25-37. Completed in Blinebry on Jan. 24, 1959.

Top of perforations 5411'.

ADDITION: Amerada Petroleum Corp. - Ida Wimberley #9 in Unit E of

Section 25-25-37. Completed in Blinebry March 16, 1959.

Top of perforations 5278'.

ADDITION: Amerada Petroleum Corp. - Ida Wimberley #10 in Unit A of

Section 26-25-37. Completed in Blinebry April 30, 1959.

Top of perforations 5322'.

Pool boundary colored in red.

Proposed extensions colored in green.

Section 24: NW/4

Section 25: NW/4

Section 26: NE/4

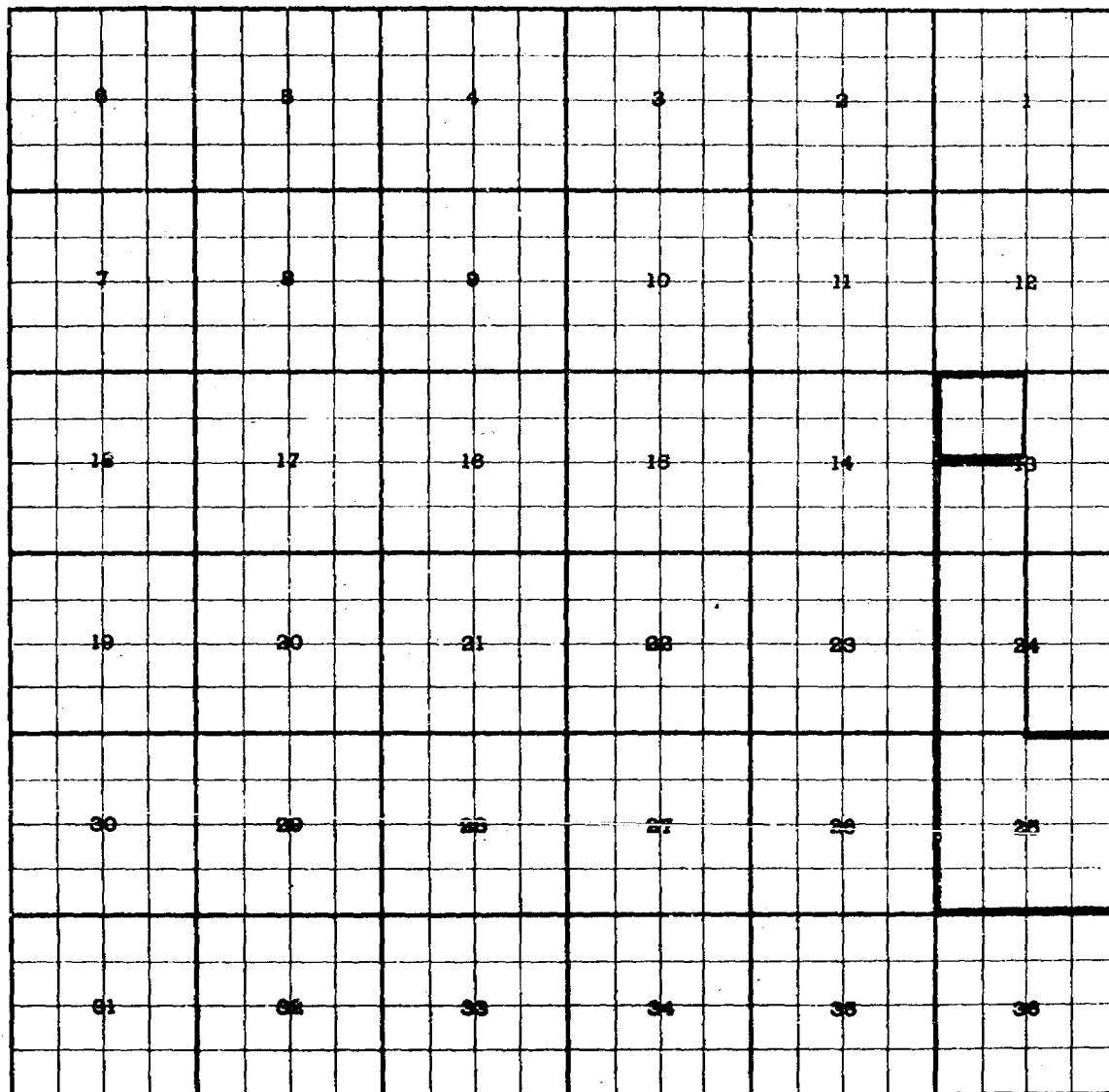
ADDITION

ADDITION

CASE 1670: (0) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool JUSTIS-FUSSELMAN

TOWNSHIP 25 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Anderson Prichard Oil Corp.- Blocker Federal #4 in Unit F  
of Section 13-25-37. Completed in Fusselman Nov. 12, 1958.

Top of perforations 6996' - 7017'.

Pool boundary colored in red.

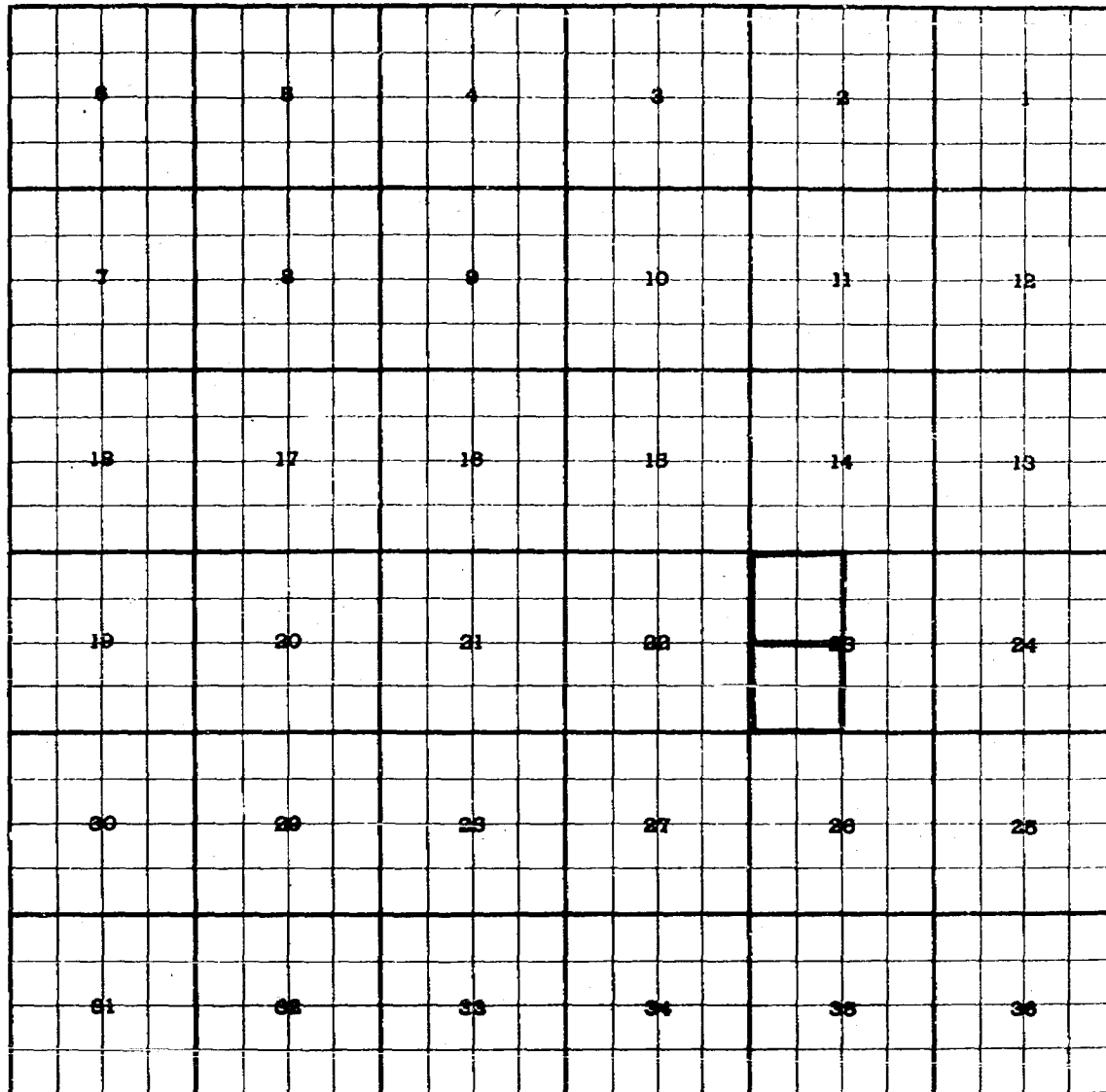
Proposed extension colored in green. Section 13: NW/4



CASE 1670: (q) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool LEAMEX-PENNSYLVANIAN

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



Purpose: One completed oil well capable of producing.

Phillips Petroleum Company - Leamex #7 in Unit F of

Section 23-17-33. Completed in Pennsylvanian Feb. 25, 1959.

Top of perforations 11,284'.

Pool boundary colored in red.

Proposed extension colored in green. Section 23: NW/4

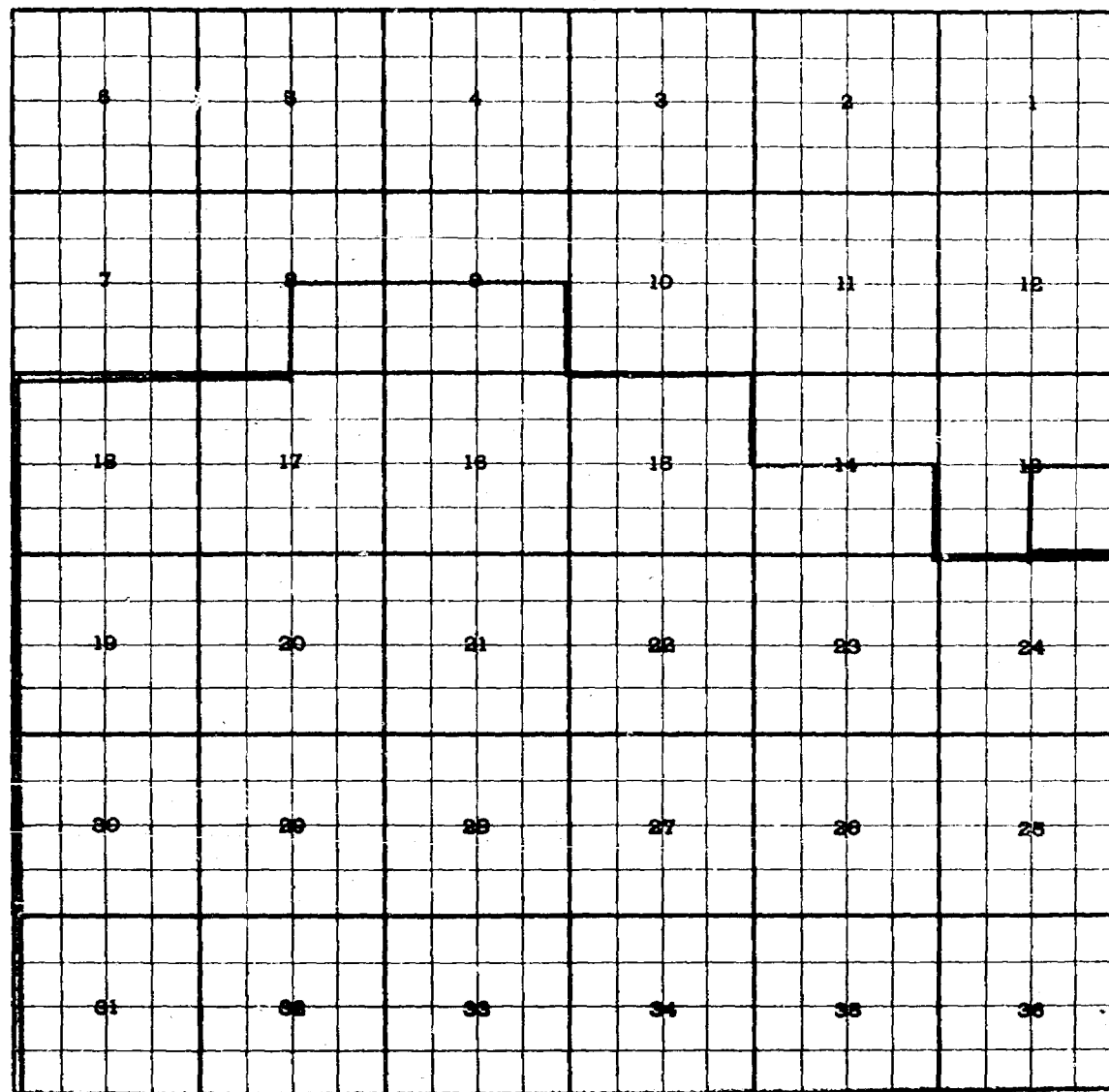


CASE 1670: (r) EXTENSION OF AN EXISTING OIL POOL.

County \_\_\_\_\_ LEA \_\_\_\_\_

Pool MALJAMAR

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



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

Murphy H. Baxter - State "18-13" #4 in Unit J of Sec. 13-17-32.

Completed in Grayburg-San Andres March 13, 1959.

Top of perforations 4113'.

Murphy H. Baxter - State "18-13" #6 in Unit P of Sec. 13-17-32.

Completed in Grayburg-San Andres Feb. 23, 1959. Top of perms. 4100'.

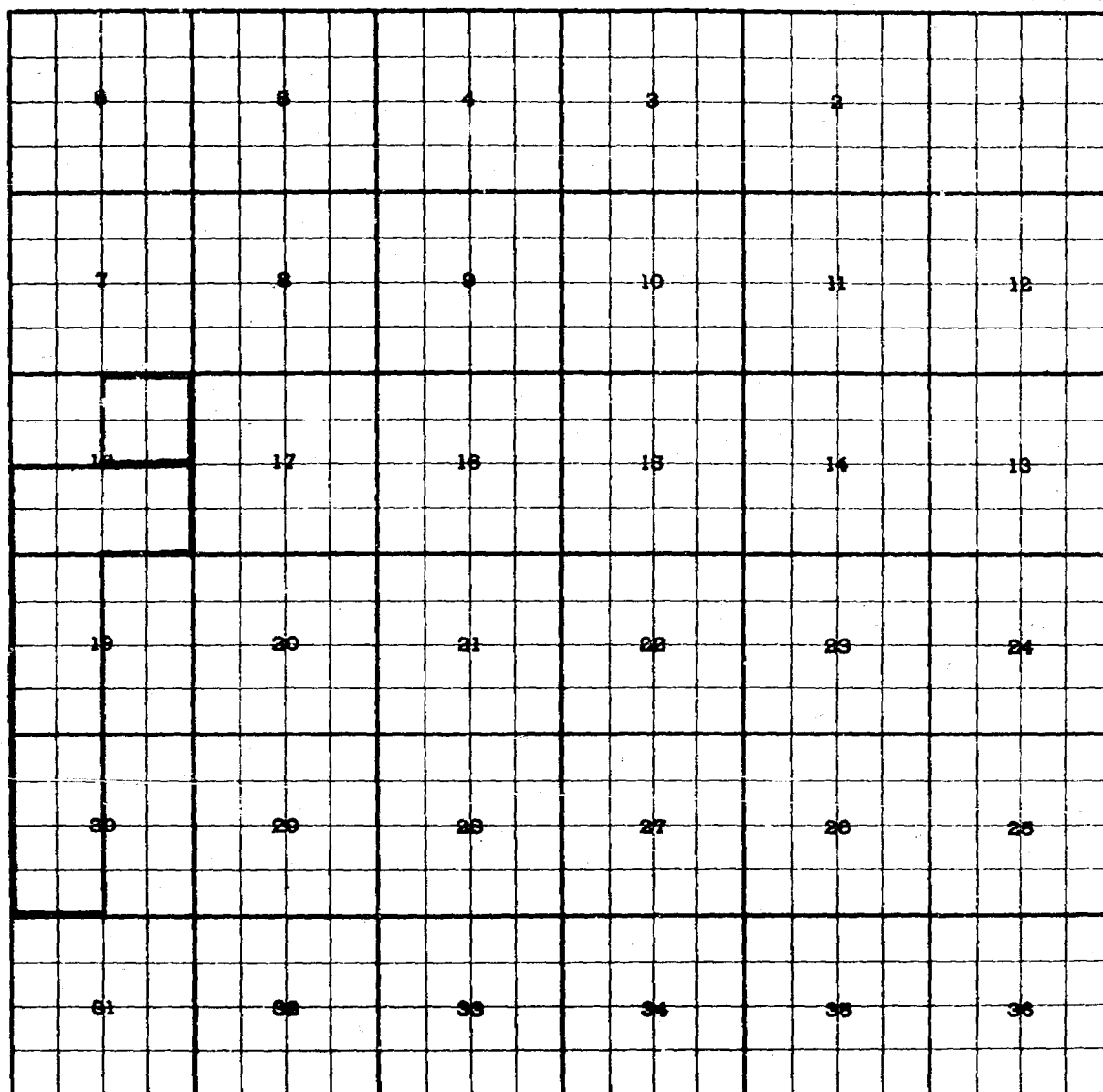
Pool boundary colored in red.

Proposed extension colored in green. Section 13: SE/4

CASE 1670: (s) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool NORTH MASON-DELAWARE

TOWNSHIP 26 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Continental Oil Company - Thompson Federal 18 #2 in Unit G

of Section 18-26-32. Completed in Delaware December 4, 1958.

Top of perforations 4383'.

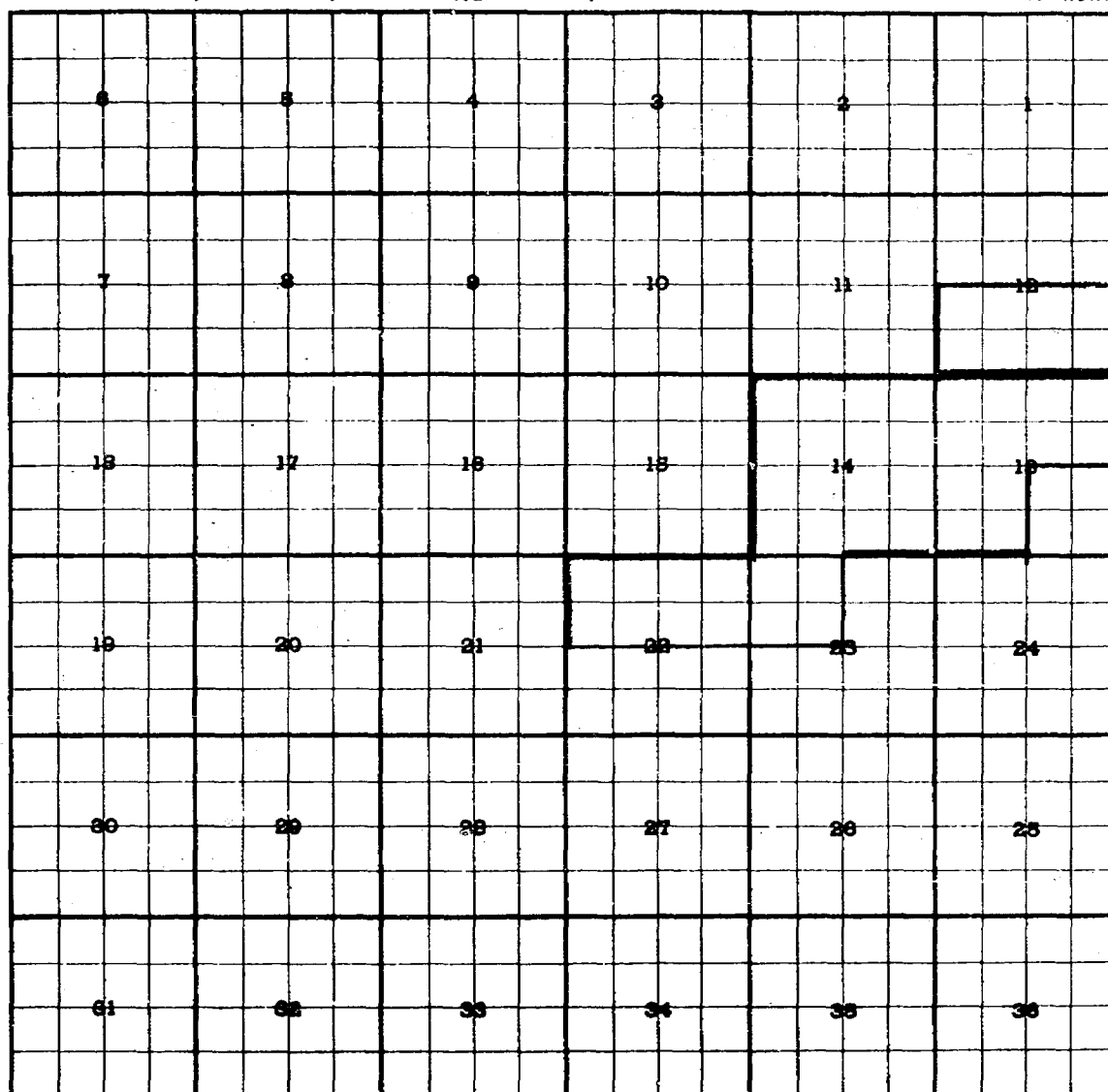
Pool boundary colored in red.

Proposed extension colored in green. Section 18: NE/4

CASE 1670: (t) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool EAST MILLMAN-QUEEN-GRAYBURG

TOWNSHIP 19 South, RANGE 28 East, NEW MEXICO PRINCIPAL MERIDIAN



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

Ralph Nix & Jerry Curtis - R & B State #1 in Unit J of Sec. 12-19-28.  
Completed in Grayburg October 11, 1958. Top of perforations 2176'.

Sunray Mid-Continent Oil Company - N. M. State "O" #3 in Unit O Sec. 12-19-28.  
Completed in Queen & Grayburg March 28, 1959. Top of perforations 1763'.

ADDITION: Ralph Lowe - State OG 272 #1 in Unit N of Section 12-19-28.  
Completed in Queen & Grayburg April 22, 1959. Top of perforations 1776'.

Pool boundary colored in red.

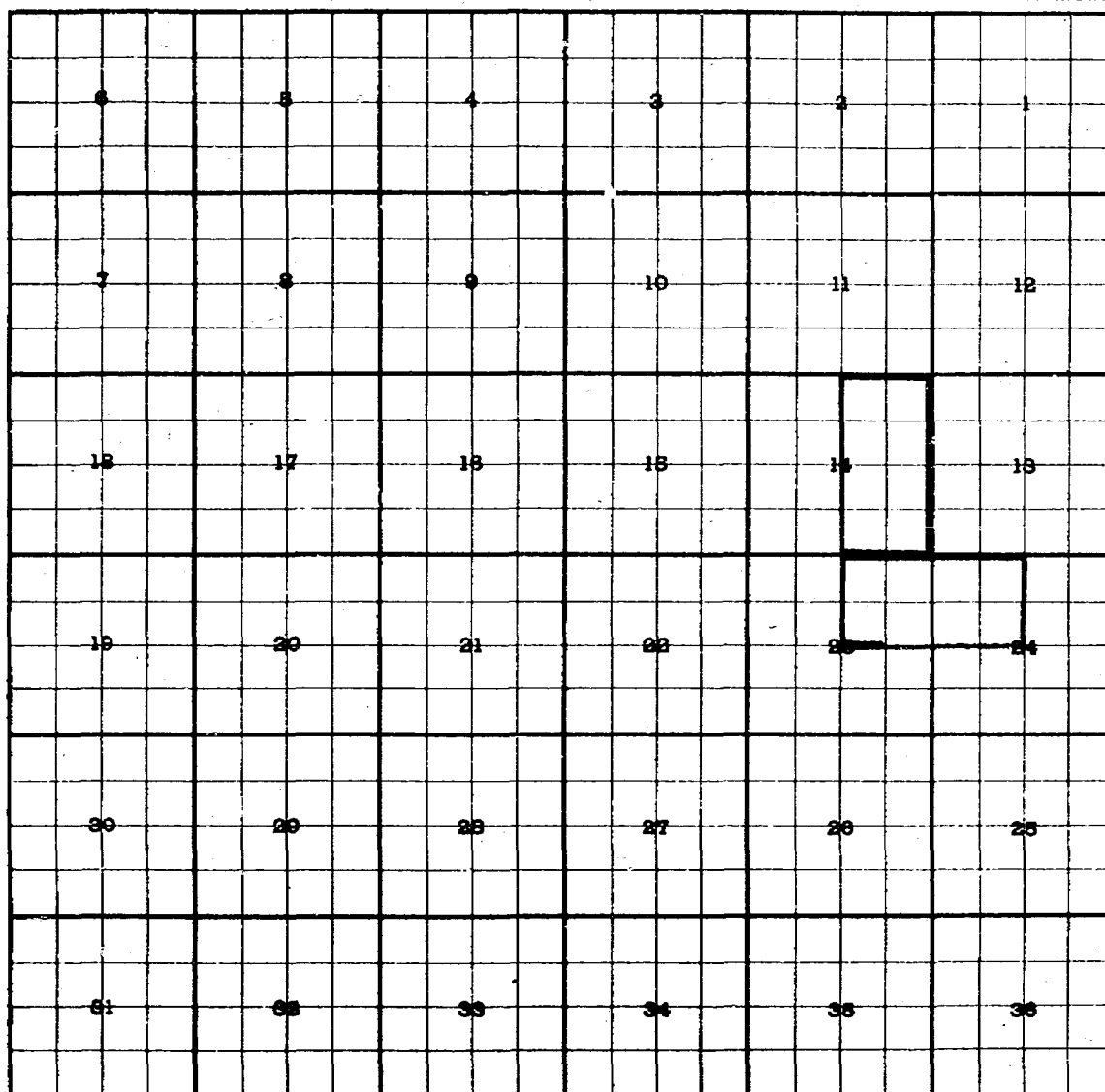
Proposed extensions colored in green. Section 12: SE/4

ADDITION: Section 12: SW/4

CASE 1670: (u) EXTENSION OF AN EXISTING OIL POOL.

County ROOSEVELT Pool MILNESAND-SAN ANDRES

TOWNSHIP 8 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Lario Oil & Gas Company - Heilman #2 in Unit G of Sec. 14-8-34.

Completed in San Andres March 6, 1959.

Top of perforations 4548'.

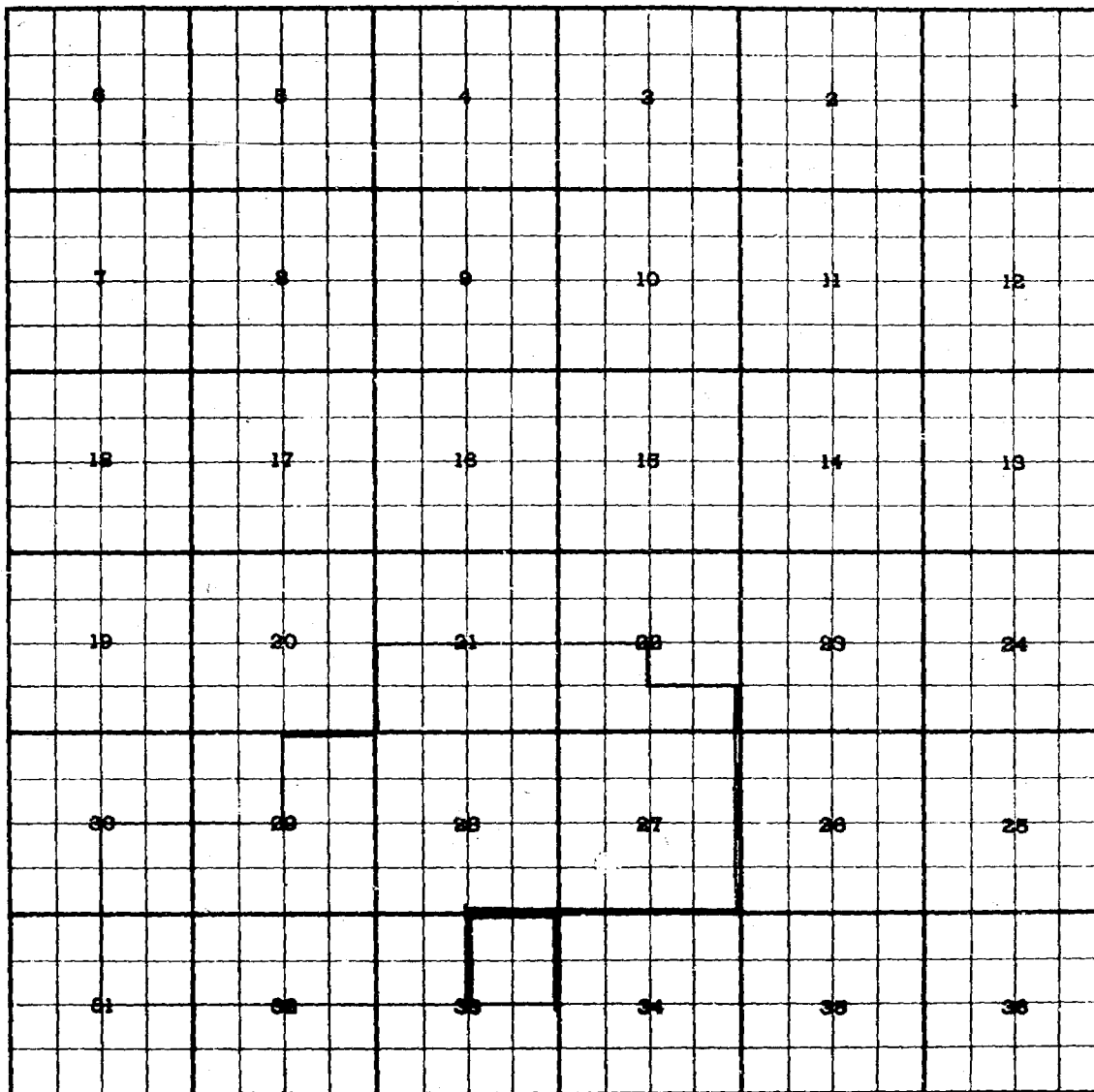
Pool boundary colored in red.

Proposed extension colored in green. Section 14: E/2

CASE 1670 - (v) EXTENSION OF AN 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.

Gulf Oil Corporation - Lea State "BP" #3 in Unit B of Section 33-19-35.

Completed in Queen March 1, 1959. Top of perforations 4737'.

Gulf Oil Corporation - Lea State "BP" #4 in Unit A of Section 33-19-35.

Completed in Queen April 24, 1959. Top of perforations 4735'.

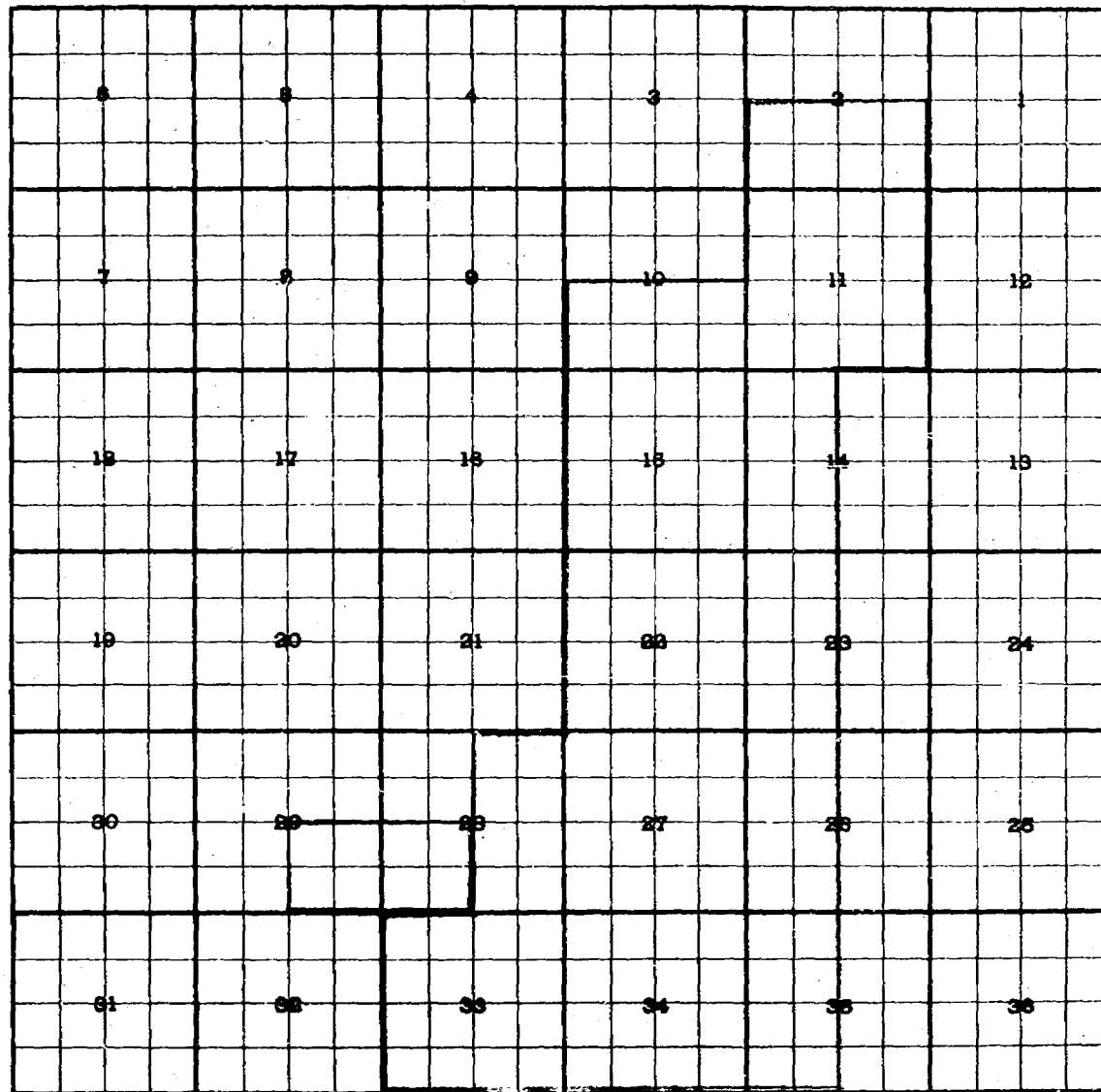
Pool boundary colored in red.

Proposed extension colored in green. Section 33: NE/4

CASE 1670: (w) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool SAUNDERS

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



Purpose: One completed oil well capable of producing.

Amerada Petroleum Corporation - State S "K" #1 in Unit P of  
Section 29-14-33. Completed in Pennsylvanian Feb. 21, 1959.

Top of perforations 9944'.

Pool boundary colored in red.

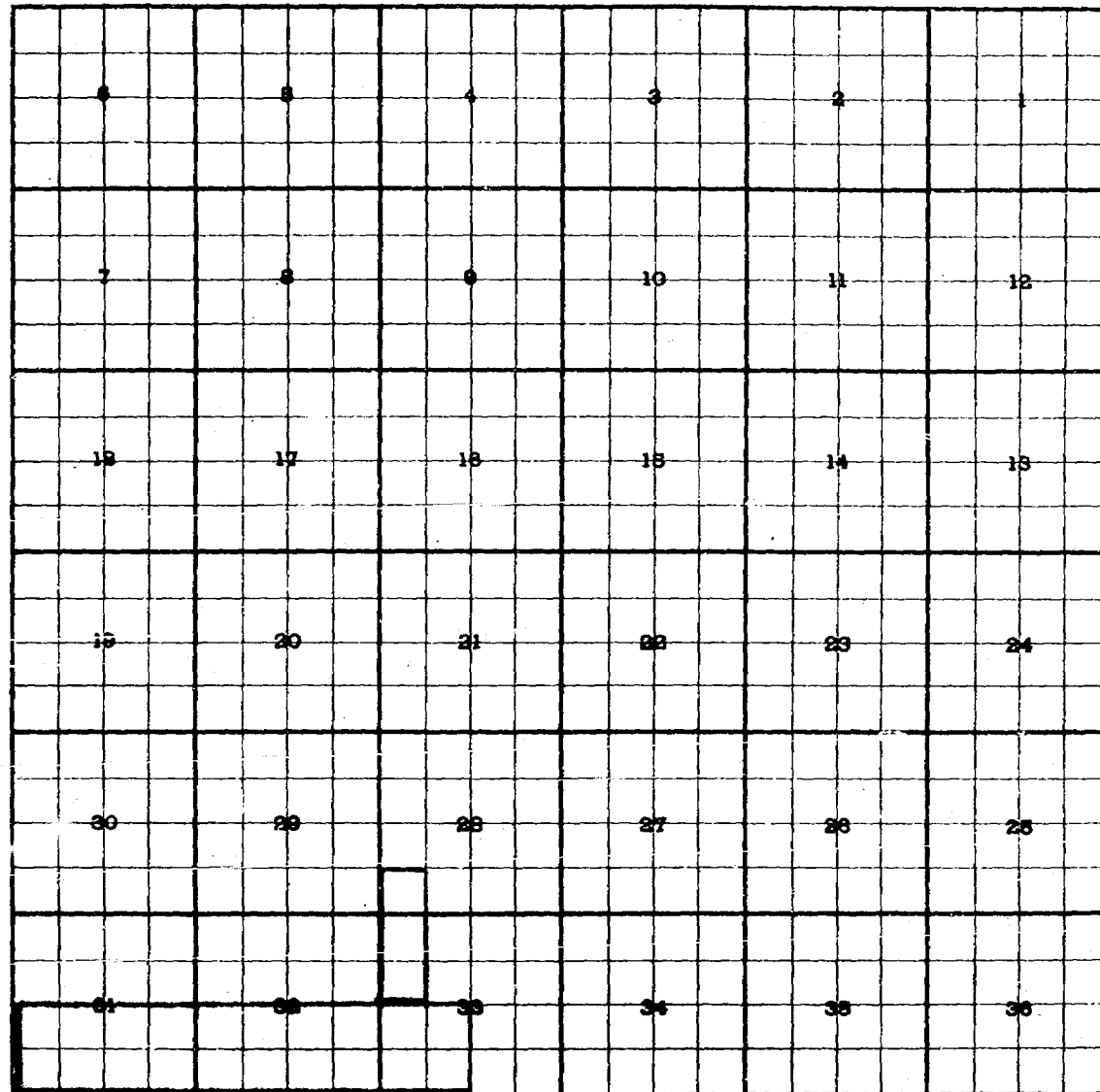
Proposed extension colored in green. Section 28: SW/4

Section 29: SE/4

CASE 1670: (x) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool SOUTH SAWYER-SAN ANDRES

TOWNSHIP 9 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing.

Western Drilling Company - Great Western Federal #1 in Unit M  
of Section 28-9-38. Completed in San Andres May 8, 1958.

Top of perforations 4964'.

Pool boundary colored in red.

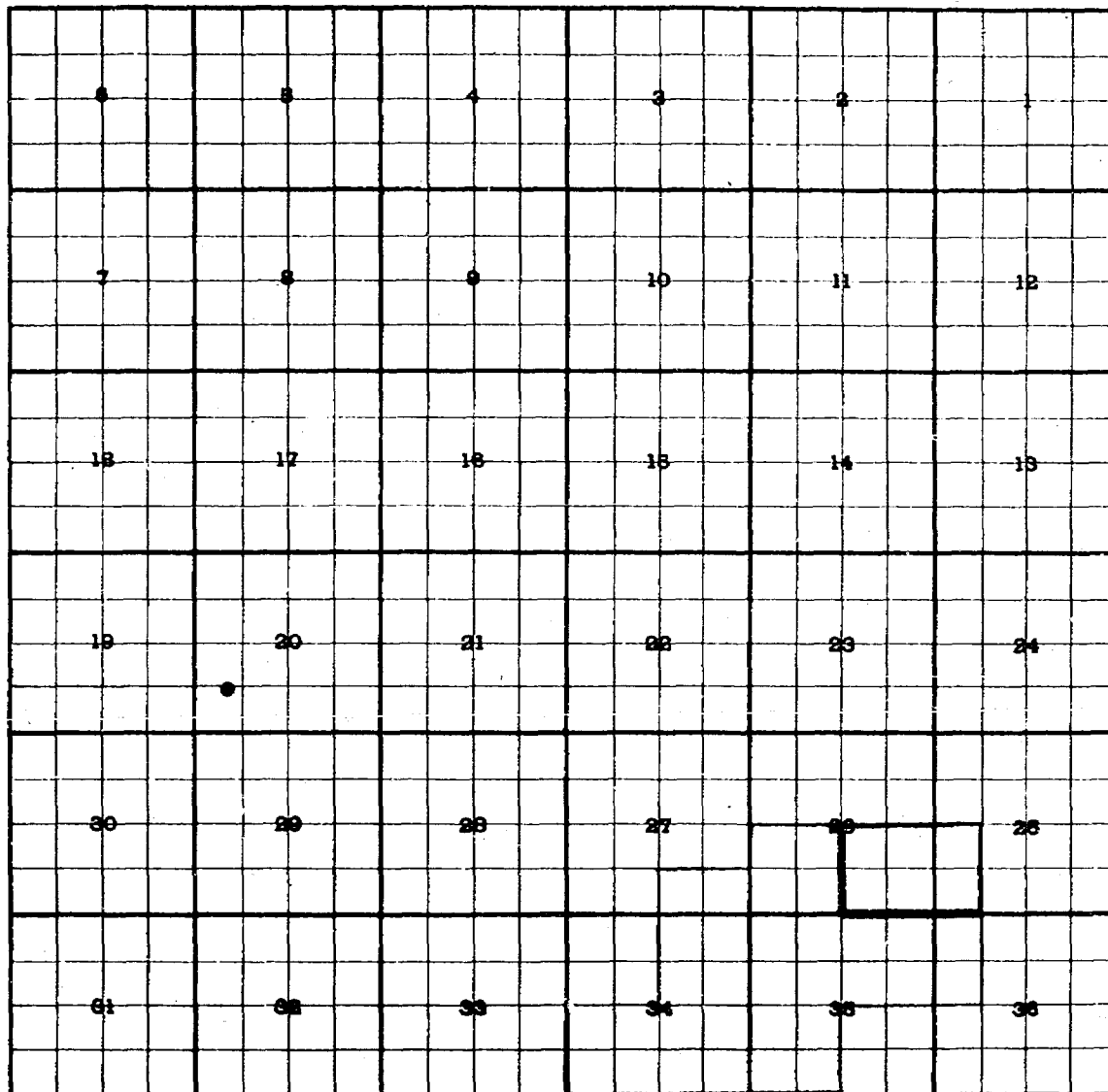
Proposed extension colored in green. Section 28: SW/4, SW/4

Section 33: W/2 NW/4

CASE 1670: (y) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool Shugart

TOWNSHIP 18 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



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

Thomas F. Welch - Keohane #1 in Unit M of Section 25-18-31.

Completed in Yates February 24, 1958.

Top of perforations 2840'.

Thomas F. Welch - Keohane #2 in Unit L of Section 25-18-31.

Completed in Queen July 1, 1958.

Top of perforations 3712'.

Pool boundary colored in red.

Proposed extension colored in green.

Section 25: W/2 SW/4

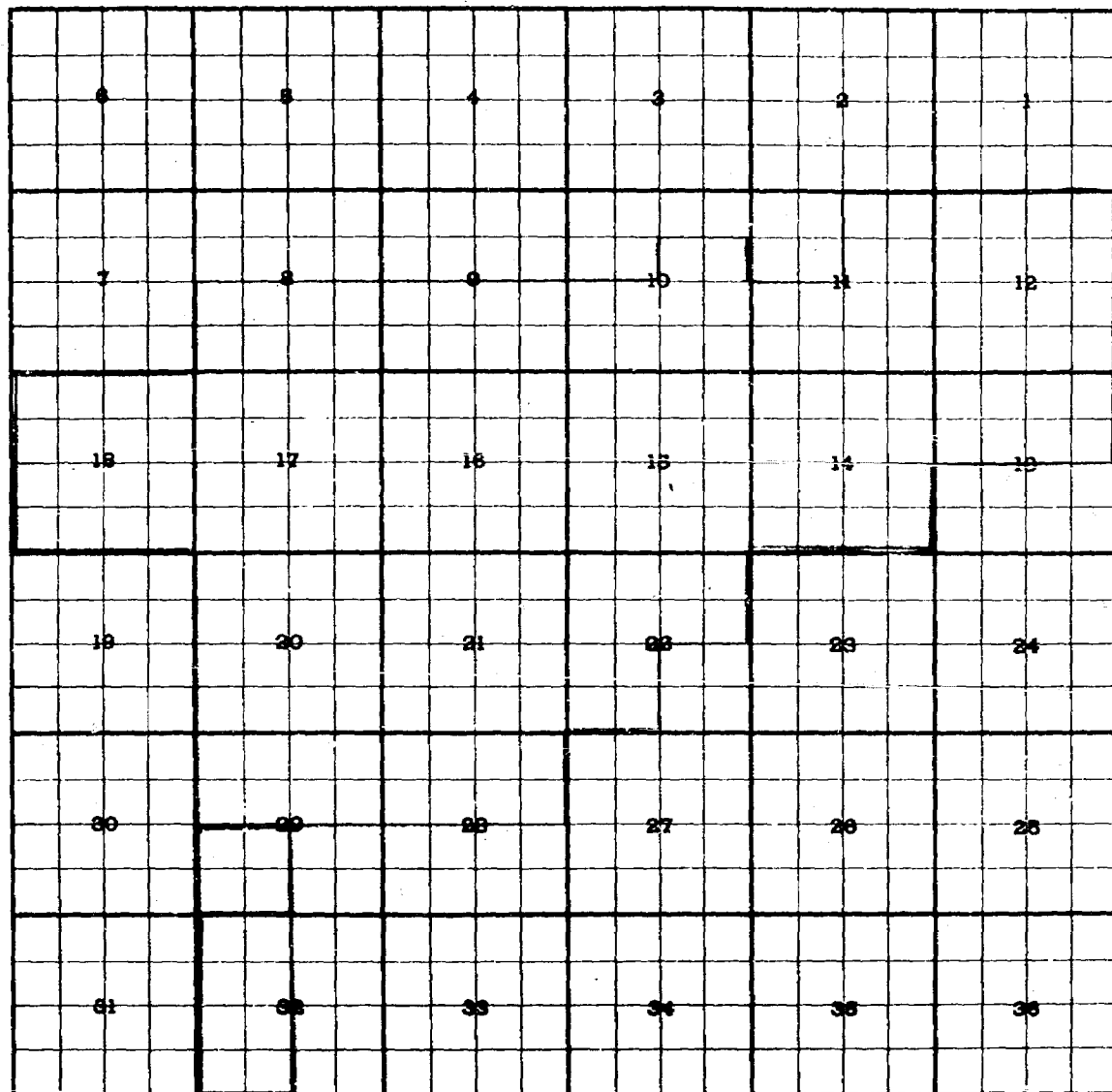
Section 26: SE/4



CASE 1670: (z) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool NORTH SHUGART-QUEEN-GRAYBURG

TOWNSHIP 18 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Chambers & Kennedy - Monterey State #1 in Unit N of Sec. 32-18-31.

Completed in Queen January 25, 1959.

Top of perforations 3264'.

Pool boundary colored in red.

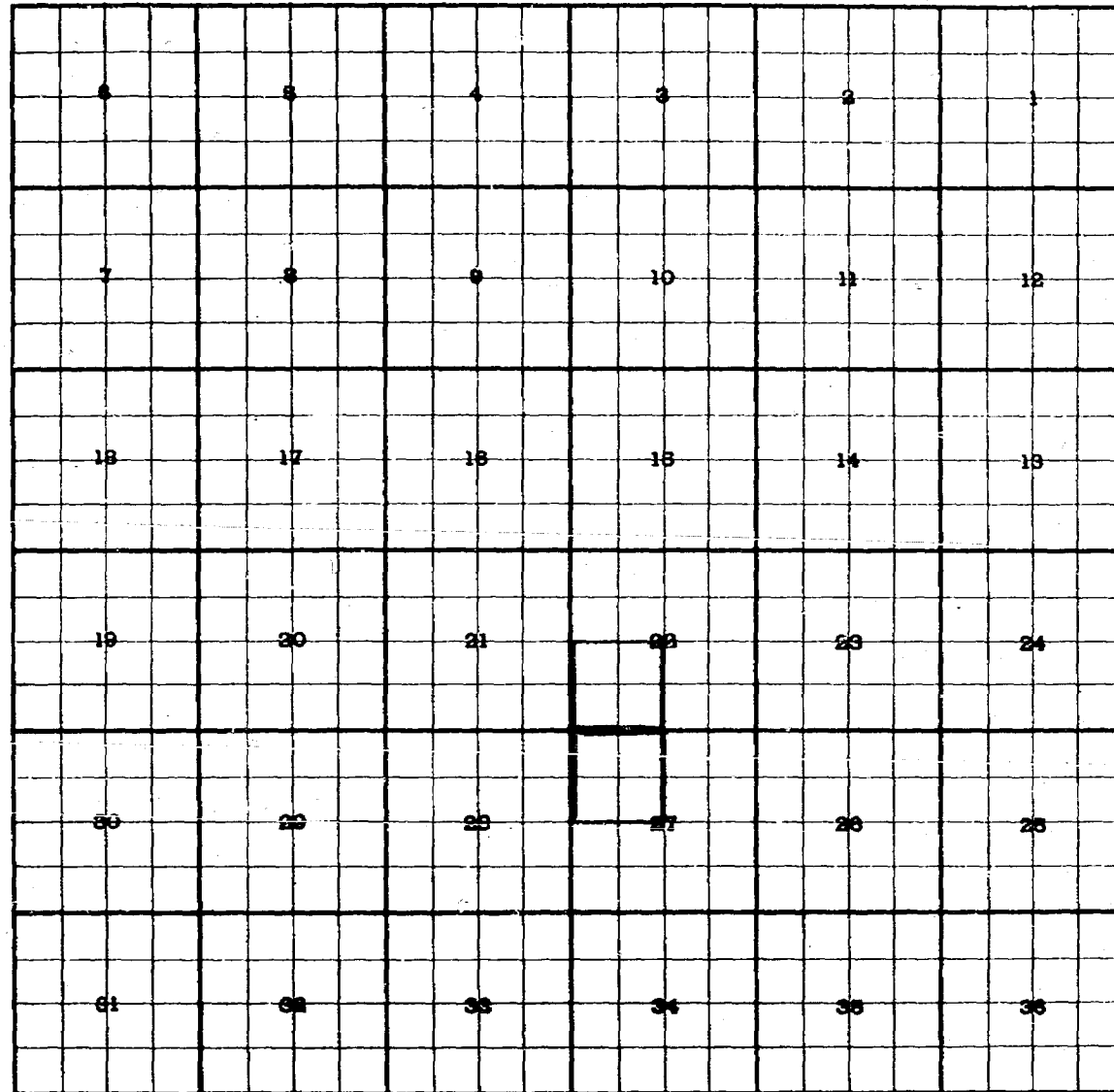
Proposed extension colored in green. Section 29: SW/4

Section 32: W/2

CASE 1670: (aa) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool SHUGART-DELAWARE

TOWNSHIP 18 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Pan American Petroleum Corporation - Greenwood Unit #4 in  
Unit D of Section 27-18-31. Completed in Delaware Jan. 30, 1959.

Top of perforations 4992'.

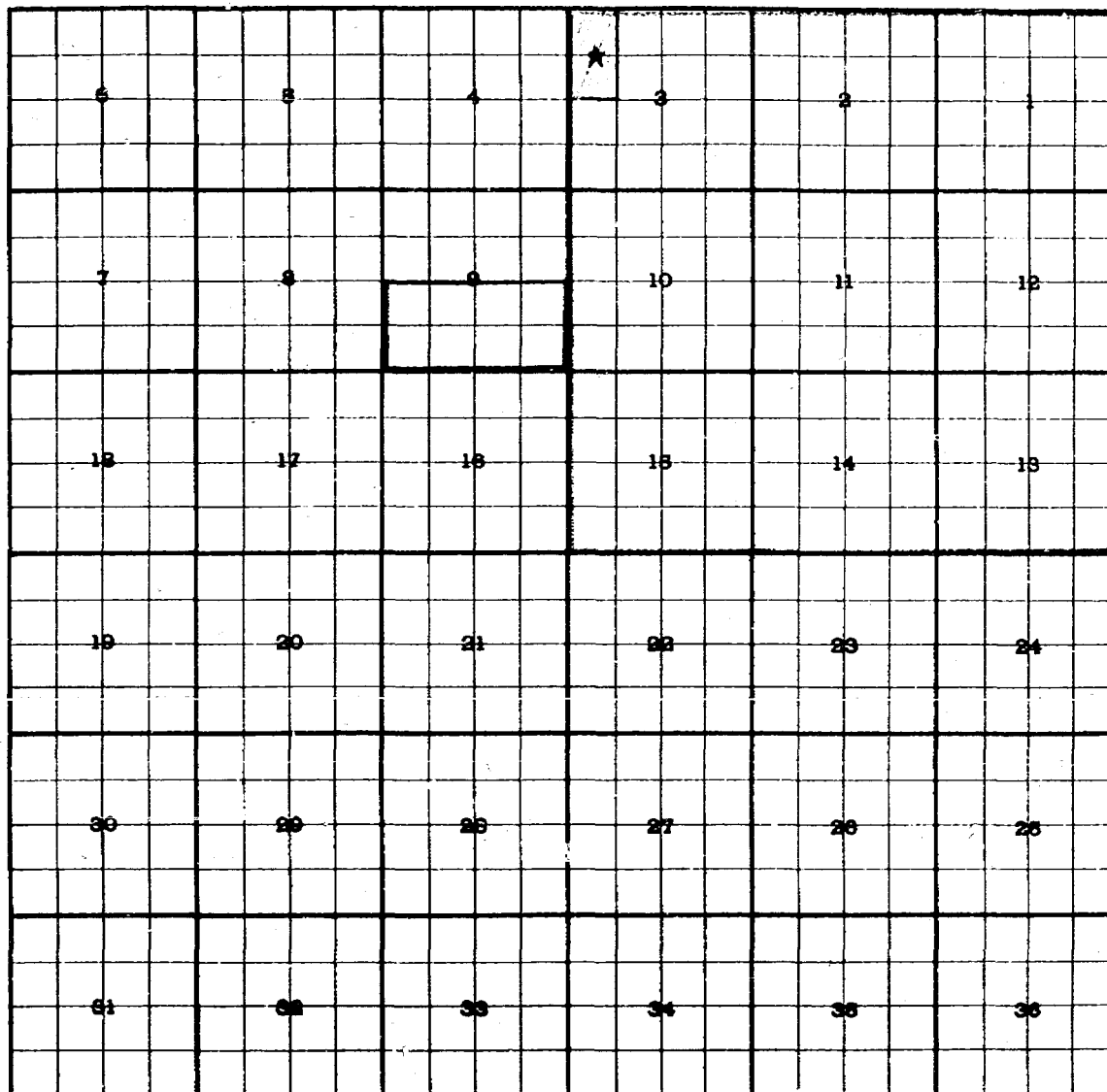
Pool boundary colored in red.

Proposed extension colored in green. Section 27: NW/4

CASE 1670: (bb) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool SQUARE LAKE

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



Purpose: One completed oil well capable of producing.

V. M. Shortes - Sinclair State #1 in Unit P of Section 9-17-29.  
Completed in San Andres April 12, 1958.

Top of perforations 2529'.

Pool boundary colored in red.

Proposed extension colored in green. Section 9: S/2

\* Proposed deletion per exhibit (e) of this Case 1670.

CASE 1670: (cc) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool TURKEY TRACK

TOWNSHIP 18 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN

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	37	38	39

Purpose: One completed oil well capable of producing.

Denton Oil Company - Hover #2 in Unit L of Section 27-18-29.

Completed in Grayburg March 7, 1957.

Depth to Casing Shoe 2875'.

Pool boundary colored in red.

Proposed extension colored in green. Section 27: SW/4

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 1670

TRANSCRIPT OF HEARING

MAY 13, 1959

DEARNLEY - MEIER & ASSOCIATES  
GENERAL LAW REPORTERS  
ALBUQUERQUE NEW MEXICO  
Phone CHapel 3-6691

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
MAY 13, 1959

IN THE MATTER OF:

CASE 1670: Southeastern New Mexico nomenclature case calling for an order creating new pools, deleting a portion of a pool, and extending existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Queen production, designated as the Chisum-Queen Oil Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM  
Section 16: SW/4  
Section 21: N/2

(b) Create a new gas pool for Yates production, designated as the Chisum-Yates Gas Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 27 EAST, NMPM  
Section 13: SE/4

(c) Create a new oil pool for Delaware production, designated as the Loving-Delaware Oil Pool, and described as:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
Section 1: SW/4

(d) Create a new oil pool for San Andres production, designated as the Prairie-San Andres Oil Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 8: SW/4

(e) Delete a portion of the Square Lake Oil Pool: described as:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 3: W 2 NW/4

(f) Extend the Cave Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPPM  
Section 3: W/2 NW/4

(g) Extend the Allison-Pennsylvanian Oil Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPPM  
Section 14: NW/4  
Section 15: NE/4

(h) Extend the Crosby-Devonian Gas Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPPM  
Section 21: SW/4

(i) Extend the Dean Permo-Pennsylvanian Pool to include:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPPM  
Section 4: Lots 3, 4, 5, & 6

(j) Extend the Empire-Abo Pool to include:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPPM  
Section 2: NE/4  
Section 3: SW/4

(k) Extend the Eumont Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPPM  
Section 29

(l) Extend the Gladiola-Wolfcamp Pool to include:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPPM  
Section 26: SW/4

(m) Extend the Jalmat Gas Pool to include:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPPM  
Section 2: SW/4

(n) Extend the Justis Blinbry Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPPM  
Section 24: NW/4

(o) Extend the Justis Fusselman Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 13: NW/4

(p) Extend the Justis McKee Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 25: NE/4

(q) Extend the Leamex-Pennsylvanian Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
Section 23: NW/4

(r) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
Section 13: SE/4

(s) Extend the North Mason-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM  
Section 18: NE/4

(t) Extend the East Millman Queen-Grayburg Pool to include:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 12: SE/4

(u) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
Section 14: E/2

(v) Extend the Pearl-Queen Pool to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 33: NE/4

(w) Extend the Saunders Pool to include:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
Section 28: SW/4  
Section 29: SE/4



(x) Extend the South Sawyer-San Andres Pool to include:

TOWNSHIP 9 SOUTH, RANGE 38 EAST, NMPM

Section 28: SW/4 SW/4

Section 33: W/2 NW/4

(y) Extend the Shugart Pool to include:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 25: W/2 SW/4

Section 26: SE/4

(z) Extend the North Shugart Queen-Grayburg Pool to include:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 32: W/2

Section 29: SW/4

(aa) Extend the Shugart-Delaware Pool to include:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 27: NW/4

(bb) Extend the Square Lake Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 9: S/2

(cc) Extend the Turkey Track Pool to include:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 27: SW/4

BEFORE:

Mr. Murray Morgan  
Gov. John Burroughs  
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: We previously announced that Case 278 would be the last case heard this afternoon. Due to the fact that

the Commission would like to release a witness in the Southeastern nomenclature case, we will proceed with that case at this time, Case 1670.

MR. PAYNE: Case 1670. Southeastern New Mexico nomenclature case calling for an order creating new pools, deleting a portion of a pool, and extending existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico.

(Witness sworn)

RANDALL MONTGOMERY,

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

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A Montgomery, Randall Montgomery. Proration manager for the New Mexico Oil Conservation Commission.

Q Mr. Montgomery, have you made a study concerning the necessity or desirability for creating new pools, deleting a portion of a pool, and extending certain existing pools in Chaves, Eddy, Lea, and Roosevelt Counties?

A I have.

Q What are your recommendations concerning creation of a new oil pool for Queen production?

A I recommend that what we are calling paragraph (a), which is on the docket as the Chisum-Queen Oil Pool, be changed to

the Coyote-Queen Pool, which would be a more logical pool to include the SW/4 of Section 16, the N/2 of Section 21, the SW/4 of 15, the SE/4 of Section 16, all in Township 11 South, Range 27 East.

Q And what do you propose as the vertical limits?

A The reason for the creation of this pool is based on the five wells capable of producing, and the discovery well in this pool was the George H. Williams Levick #1, located in Unit D of Section 21, Township 11 South, Range 27 East, completed in the Penrose sand, which is a member of the Queen formation on January 12, 1958, the top of the perforation being 836 feet.

Q Do you propose the vertical limits to be the Queen formation?

A I do.

Q And the horizontal limits as shown --

A On Exhibit 1, and as stated for the record.

Q Actually, that is on Exhibit 1?

A That's right.

Q What are your recommendations concerning creation of a new Yates Pool for gas production?

A I recommend a new gas pool be created and designated as the Chisum-Yates Gas pool to cover the area in the SE/4 of 13, 11 South, 27 East. The reason for this was the recent discovery of Honolulu Oil Corporation's State B Well #1 in Unit J, Section 13, 11 South, 37 East, completed in the Yates formation on November the 3rd, 1949. The open hole -- the top of the casing shoe was

335 feet.

Q Do you propose the vertical limits to be the Yates formation?

A I do.

Q And the horizontal limits as shown on Paragraph (b)?

A And as indicated on Exhibit 2.

Q What are your recommendations concerning creation of a new oil pool for Delaware production?

A It is my recommendation that the Loving-Delaware Oil Pool be created based on the discovery well, being the Ford Chapman & W. D. Thorn et al - State #1 in Unit K, located in Section 1, Township 24 South, Range 27 East, completed in Delaware formation on March 21, 1958. The top of the perforation 2447 feet. The vertical limits to be the Delaware formation, and the horizontal as indicated on Exhibit 3.

Q What are your recommendations concerning creation of a new oil pool for San Andres production?

A It is my recommendation that a new pool be created and designated as Prairie-San Andres Pool to cover the SW/4 of Section 8, Township 8 South, Range 36 West. Discovery well in this pool was the Atlantic Refining Company - B. Love Federal #1, located in Unit N of Section 8, Township 8 South, Range 36 East. Completed in San Andres on March 20, 1959. The top of the perforation at 4852 feet. The horizontal limits to include the area indicated on Exhibit 4, and the vertical limits to be the San Andres formation.

Q What are your recommendations concerning deletion of a portion of the Square Lake Pool?

A It is my recommendation that the W/2 of the NW/4 of Section 3 be deleted from Square Lake Oil Pool, and, as indicated in Paragraph (e), that area be included in the Square Lake Pool, the reason for this being that a portion of the same basic lease is presently located in the Cave Pool, and many existing batteries are in that area. Actually, it is one pay -- one reservoir.

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

A My recommendation is that the Cave Pool be extended to cover that area deleted from the Square Lake Pool as stated.

Q What are your recommendations concerning extension of the Allison-Pennsylvanian Oil Pool?

A That the Allison-Pennsylvanian Oil Pool be extended to cover the NW/4 of Section 14, the NE/4 of Section 15, and the NW/4 of Section 12, all in Township 9 South, Range 36 East; based on the ability of two wells capable of producing from this well -- this pool.

Q What are your recommendations concerning extension of the Crosby-Devonian Gas Pool?

A That the Crosby-Devonian Gas Pool be extended to include the SW/4 of Section 21, Township 25 South, Range 37 East, based on one well capable of producing.

Q What are your recommendations concerning extension of

the Dean Permo-Pennsylvanian Pool?

A That the Dean Permo-Pennsylvanian Pool be extended to include Lots 3, 4, 5, and 6 in Section 4, Township 16 South, Range 37 East, based on one well capable of producing.

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

A That the Empire-Abo Pool be extended to exclude the NE/4 of Section 2, and SW/4 of Section 3 in Township 18 South, Range 27 East, based on the ability of seven wells capable of producing.

Q Let's go back to Paragraph (j).

A In addition to what I have already stated, I also recommend that we extend the W/2 of Section 1, all of Section 4 -- rather, the SE/4 of Section 4, and the NE/4 of Section 9, all located in Township 18 South, Range 27 East.

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

A I recommend that the Eumont Gas Pool be extended to include Section 29 of Township 21 South, Range 37 East, due to one well capable of producing from this Pool.

Q What are your recommendations concerning extension of the Gladiola-Wolfcamp Pool?

A The Gladiola-Wolfcamp Pool be extended to include the SW/4 of Section 26, Township 12 South, Range 37 East, one well capable of producing from this Pool.

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

A I recommend that the Jalmat Gas Pool be extended to include the SW/4 of Section 2, Township 22 South, Range 35 East as one well is capable of producing from this acreage in this reservoir.

Q What are your recommendations concerning extension of the Justis Blinebry Pool?

A That the Justis Blinebry Pool be extended to include the NW/4 of Section 24, the NW/4 of Section 25, and the NE/4 of Section 26, all in Township 25 South, Range 37 East. There are three wells capable of producing from this reservoir.

Q And what are your recommendations concerning extension of the Justis Fusselman Pool?

A That the Justis Fusselman Pool be extended to include the NW/4 of Section 13, Township 25 South, Range 37 East; one well capable of producing exists on this acreage.

Q What are your recommendations concerning extension of the Justis McKee Pool?

A Justic McKee Pool be extended to include the NE/4 of Section 25, Township 25 South, Range 37 East, one well capable of producing.

Q Any recommendations concerning extension of the Leamex-Pennsylvanian Pool?

A The Leamex-Pennsylvanian Pool be extended to include

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the NW/4 of Section 23, Township 17 South, Range 33 East. One well is capable of producing from this Pool.

Q And your recommendations concerning extension of the Maljamar Pool?

A That the Maljamar Pool be extended to include the SE/4 of Section 13, Township 17 South, Range 32 East. There are two wells capable of producing from this Pool.

Q What are your recommendations concerning extension of the North Mason-Delaware Pool?

A That the North Mason-Delaware Pool be extended to include the NE/4 of Section 18, Township 26 South, Range 32 East. One well is capable of producing.

Q What are your recommendations concerning extension of the East Millman Queen-Grayburg Pool?

A That the East Millman Queen-Grayburg Pool be extended to include the SE/4 of Section 12, and the SW/4 of Section 12 of Township 19 South, Range 28 East. There are two wells -- three wells capable of producing from this acreage.

Q What are your recommendations concerning extension of the Milnesand-San Andres Pool?

A My recommendation is that the Milnesand-San Andres Pool be extended to include the E/2 of Section 14, Township 8 South, Range 34 East. There is one well capable of producing.

Q What are your recommendations concerning extension of the Pearl-Queen Pool?



A My recommendation is that the Pearl-Queen Pool be extended to include the NE/4 of Section 33, Township 19 South, Range 35 East. There are two wells capable of producing from this Pool.

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

A I recommend that the Saunders Pool be extended to include the SE/4 of Section 29, and the SW/4 of Section 28, Township 14 South, Range 33 East. There is one well capable of producing from this Pool.

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

A It is my recommendation that the South Sawyer-San Andres Pool be extended to include the SW/4 of the SW/4 of Section 28, and the W/2 of the NW/4 of Section 33, Township 9 South, Range 38 East. There is one well capable of producing.

Q What are your recommendations concerning extension of Shugart Pool?

A It is my recommendation that the Shugart Pool be extended to include the W/2 of the SW/4 of Section 25, the SE/4 of Section 26, Township 18 South, Range 31 East, based on two wells capable of producing from this Pool.

Q What are your recommendations concerning extension of the North Shugart Queen-Grayburg Pool?

A It is my recommendation that the North Shugart Queen-

Grayburg Pool be extended to include the W/2 of Section 32, SW/4 of Section 29, located in Township 18 South, Range 31 East. The reason for this extension is one well capable of producing.

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

A I recommend that the Shugart-Delaware Pool be extended to include the NW/4 of Section 27, Township 18 South, Range 31 East, the reason being one well capable of producing.

Q What are your recommendations concerning extension of the Square Lake Pool?

A That the Square Lake Pool be extended to include the S/2 of Section 9, Township 17 South, Range 29 East, based on one well capable of producing.

Q What are your recommendations concerning extension of the Turkey Track Pool?

A It is my recommendation that the Turkey Track Pool be extended to include the SW/4 of Section 27, Township 18 South, Range 29 East, the reason being one well capable of producing.

Q Have you prepared Exhibits substantiating your recommendations, Mr. Montgomery?

A I have.

Q How are these identified?

A 1 through 29.

MR. PAYNE: Mr. Commissioner, I move the introduction of Exhibits 1 through 29 in Case 1670.

MR. PORTER: Without objection, the Exhibits will be admitted.

Any questions of the witness? The witness may be excused.

(Witness excused)

MR. PORTER: Any statements? Take the case under advisement and recess until tomorrow morning. Reconvene at nine o'clock at the Highway Commission Building.

STATE OF NEW MEXICO )  
 ) ss  
COUNTY OF BERNALILLO )

I, J. A. Trujillo, Notary Public 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 Stenotype and reduced to typewritten transcript by me, 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 26<sup>th</sup> day of May,  
1959, in the City of Albuquerque, County of Bernalillo, State of  
New Mexico.

*Joseph E. Ingill*  
NOTARY PUBLIC

My Commission Expires:

October 5, 1960