

Case No.

1689

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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 NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 1689  
Order No. R-1424

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

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

NOW, on this 18th day of June, 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 Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation Four Mile Draw-San Andres Pool. Said Four Mile Draw-San Andres Pool was discovered by Yates Brothers, Schaurich Well No. 1, located in the SW/4 of Section 3, Township 19 South, Range 25 East, NMPL. It was completed March 25, 1957. Depth to casing shoe is at 1875 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 Ellenberger formation, said pool to bear the designation Little Lucky Lake-Ellenberger Gas Pool. Said Little Lucky Lake-Ellenberger Gas Pool was discovered by Texaco, Inc., Peery Federal Well No. 1, located in the NE/4 of Section 29, Township 15 South, Range 30 East, NMPL. It was completed September 28, 1958. The top of perforations is at 12,068 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation Las Medanos-Atoka Gas Pool. Said Las Medanos-Atoka Gas Pool was discovered by Shell Oil Company, James Ranch Unit Well No. 1, located in the SE/4 of Section 36, Township 22 South, Range 30 East, NMPL. It was completed March 1, 1958. The top of perforations is at 12,920 feet.

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(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation Querecho Plains-Bone Springs Pool. Said Querecho Plains-Bone Springs Pool was discovered by Shell Oil Company, Querecho Plains Unit Well No. 2, located in the SW/4 of Section 27, Township 18 South, Range 32 East, NMPM. It was completed April 12, 1959. The top of perforations is at 8538 feet.

(6) That the proposed creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to be designated Sombbrero-Atoka Gas Pool, should be dismissed to permit further study.

(7) 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 Tecolote Peak-Delaware Pool. Said Tecolote Peak-Delaware Pool was discovered by Ford Chapman & Associates, State "34" Well No. 1-34, located in the NW/4 of Section 34, Township 26 South, Range 28 East, NMPM. It was completed March 4, 1959. Open hole is at 2512-2514 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Grayburg formation, said pool to bear the designation West Millman-Grayburg Pool. Said West Millman-Grayburg Pool was discovered by M. R. Williamson, Phillips Well No. 1, located in the SW/4 of Section 12, Township 19 South, Range 27 East, NMPM. It was completed November 20, 1958. The top of perforations is at 1586 feet.

(9) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation Windmill-San Andres Pool. Said Windmill-San Andres Pool was discovered by George W. Riley, Inc., State Well No. 1-9, located in the SE/4 of Section 9, Township 15 South, Range 28 East, NMPM. It was completed February 5, 1959. The top of perforations is at 2514 feet.

(10) That there is need for certain extensions to the Culwin Pool, the Grayburg Jackson Pool, the High Lonesome Pool, and the Red Lake Pool, all in Eddy County, New Mexico; and to the Blinebry Gas Pool, the Langlie Mattix Pool, the South Vacuum-Devonian Pool, the Warren-Blinebry Gas Pool, the Warren-Tubb Gas Pool, and the Weir Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 3: SW/4

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

=3=  
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TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM  
Section 29: NE/4

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

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 27: SW/4

(e) That the proposed creation of a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Sombbrero-Atoka Gas Pool and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
Section 11: E/2  
Section 12: W/2  
Section 13: NW/4

be and the same is hereby dismissed.

(f) 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 Tecolote Peak-Delaware Pool, consisting of the following-described area:

TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM  
Section 34: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM  
Section 12: SW/4

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

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
Section 9: SE/4

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(i) That the Blinbry 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 38 EAST, NMPM  
Section 33: NW/4

(j) That the Culwin 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 30 EAST, NMPM  
Section 36: SE/4

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
Section 1: SE/4

(k) That the Grayburg Jackson 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 31 EAST, NMPM  
Section 10: SE/4

(l) That the High Lonesome 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 29 EAST, NMPM  
Section 11: SE/4

(m) 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 23 SOUTH, RANGE 37 EAST, NMPM  
Section 22: N/2

(n) That the Red Lake 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 26 EAST, NMPM  
Section 1: NE/4

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

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

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
Section 26: W/2  
Section 27: SE/4

(p) That the Warren-Rlinebry Gas 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 38 EAST, NMPM  
Section 28: NE/4

(q) That the Warren-Tubb Gas 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 38 EAST, NMPM  
Section 27: NW/4  
Section 28: NE/4

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

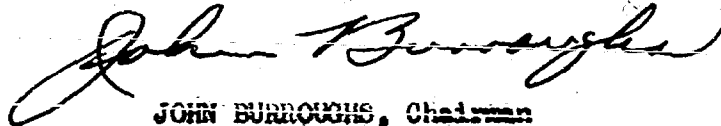
TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 15: SE/4


IT IS FURTHER ORDERED:

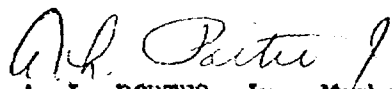
That the effective date of this order and all creations and extensions included herein shall be July 1, 1959.

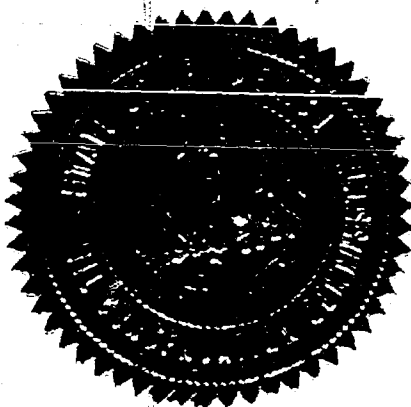
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
JOHN BURROUGHS, Chairman

  
MURRAY E. MORGAN, Member

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



CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter  
NL=Night Letter  
LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

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1959 JUN 8 AM 10:46

K TUB119 PD=FAX TULSA OKLA 8 1056AMC MAIN OFFICE OCC  
A L PORTER JR

NEW MEXICO OIL CONSERVATION COMMISSION

STATE CAPITOL SANTA FE NMEX

CASE 1689 SOUTHEASTERN NOMENCLATURE SET JUNE 9 REFERS IN  
PARAGRAPH "E" THE CREATION OF A NEW GAS POOL FOR ATOKA  
PRODUCTION TO CONSIST OF WEST HALF SECTION 12 AND NW  
QUARTER SECTION 13, TOWNSHIP 16 SOUTH, RANGE 33 EAST.  
RESPECTFULLY REQUEST THIS PART BE EITHER DISMISSED OR  
CONTINUED PENDING THE COMMISSIONS CONSIDERATION OF CASE  
1686 HELD BEFORE EXAMINER ON JUNE 3

GEORGE W SELINGER SKELLY OIL CO

CONCERNING ITS SERVICE

DOCKET: REGULAR HEARING JUNE 9, 1959

Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe, New Mexico

ALLOWABLE:

- (1) Consideration of the oil allowable for July, 1959.
- (2) Consideration of the allowable production of gas for July, 1959, for six prorated pools in Lea County, New Mexico; consideration of the allowable production of gas from seven prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for July, 1959, and also presentation of purchaser's nominations for the six-month period beginning August 1, 1959, for seven prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico.

CONTINUED CASES

CASE 1522: Application of General Petroleum, Inc., for an amendment to Order No. R-1299. Applicant, in the above-styled cause, seeks an order amending Order No. R-1299 to provide that any merchantable oil recovered from sediment oil shall not be charged against the allowable for wells on the originating lease, which amendment would revise Rule 311.

CASE 1569: 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 San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico.

NEW CASES

CASE 1691: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider amending Rule 107 of the Commission Rules and Regulations to provide that in certain instances "slim hole" completions may be approved without notice and hearing.

CASE 1689: Southeastern New Mexico Nomenclature Case calling for an Order creating new pools and extending existing pools in Lea, Chaves and Eddy Counties, New Mexico.

- (a) Create a new oil pool for San Andres production, designated as the Four Mile Draw-San Andres Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 3: SW/4

- (b) Create a new Gas pool for Ellenburger production, designated as the Little Lucky-Ellenburger Gas Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM  
Section 29: NE/4

- (c) Create a new gas pool for Pennsylvanian production, designated as the Los Medanos-Pennsylvanian Gas Pool, and described as:

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4



- (d) Create a new oil pool for Bone Springs production, designated as the Querecho Plains-Bone Springs Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 27: SW/4

- (e) Create a new gas pool for Atoka production, designated as the Sombrero-Atoka Gas Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
Section 12: W/2  
Section 13: NW/4

- (f) Create a new oil pool for Delaware production, designated as the Tecolote Peak-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM  
Section 34: NW/4

- (g) Create a new oil pool for Grayburg production, designated as the West Millman-Grayburg Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM  
Section 12: SW/4

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

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
Section 9: SE/4

- (i) Extend the Blinebry Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
Section 33: NW/4

- (j) Extend the Culwin Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4

- (k) Extend the Grayburg Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
Section 10: SE/4

- (l) Extend the High Lonesome Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 11: SE/4

- (m) Extend the Langlie Mattix Pool to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
Section 22: NW/4

- (n) Extend the Red Lake Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 1: NE/4

- (o) Extend the South Vacuum-Devonian Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
Section 26: W/2  
Section 27: SE/4

- (p) Extend the Warren-Blinbry Gas Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 28: NE/4

- (q) Extend the Warren Tubb Gas Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 28: NE/4

- (r) Extend the Weir Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 15: SE/4

CASE 1690:

Northwestern New Mexico Nomenclature Case calling for an order extending existing pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico.

- (a) Extend the Ballard-Pictured Cliffs Pool to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM  
Section 31: N/2

TOWNSHIP 25 NORTH, RANGE 7 WEST, NMPM  
Section 31: N/2

- (b) Extend the South Blanco-Pictured Cliffs Pool to include therein:

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM  
Section 7: W/2

- (c) Extend the West Kutz-Pictured Cliffs Pool to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM  
Section 20: SW/4

- (d) Extend the Bisti-Lower Gallup Oil Pool to include therein:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM  
Section 11: N/2 NE/4

- (e) Extend the Chimney Rock-Gallup Oil Pool to include therein:

TOWNSHIP 31 NORTH, RANGE 17 WEST, NMPM  
Section 3: SW/4 SW/4  
Section 10: NW/4 & N/2 SW/4

(f) Extend the Horseshoe-Gallup Oil Pool to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM  
Section 2: NW/4 NW/4  
Section 14: N/2 N/2

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
Section 19: S/2 NW/4  
Section 34: SE/4 SE/4  
Section 35: SW/4 SW/4

(g) Extend the Otero-Gallup Oil Pool to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM  
Section 27: S/2 SW/4  
Section 28: SE/4 & SE/4 NE/4  
Section 32: NE/4 NE/4  
Section 33: N/2  
Section 34: N/2  
Section 35: SW/4 NW/4 & NW/4 SW/4

(h) Extend the Verde-Gallup Oil Pool to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM  
Section 21: W/2 NW/4

Case 1689

NOMENCLATURE ADVERTISEMENT FOR JUNE 1959

Case No. 1689

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation and extension of pools in Chaves, Eddy, and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

- (a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, designated as the Four Mile Draw-San Andres Oil Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 3: SW/4

and such other, et cetera.

- (b) Create a new pool in Chaves County, New Mexico, classified as a gas pool for Ellenburger production, designated as the Little Lucky-Ellenburger Gas Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM  
Section 29: NE/4

and such other, et cetera.

- (c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Los Medanos-Pennsylvanian Gas Pool, and described as:

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4

and such other, et cetera.

- (d) Create a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Querecho Plains-Bone Springs Oil Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 27: SW/4

and such other, et cetera.

- (e) Create a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production, designated as the Sombrero-Atoka Gas Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
Section 12: W/2  
Section 13: NW/4

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

TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM  
Section 34: NW/4

and such other, et cetera.

- (g) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Grayburg production, designated as the West Millman-Grayburg Oil Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM  
Section 12: SW/4

and such other, et cetera.

- (h) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Windmill-San Andres Oil Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
Section 9: SE/4

and such other, et cetera.

- (i) Extend the Blinebry Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
Section 33: NW/4

and such other, et cetera.

- (j) Extend the Culwin Oil Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4

and such other, et cetera.

- (k) Extend the Grayburg Jackson Oil Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
Section 10: SE/4

and such other, et cetera.

- (l) Extend the High Lonesome Oil Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 11: SE/4

and such other, et cetera.

- (m) Extend the Langlie Mattix Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
Section 22: NW/4

and such other, et cetera.

- (n) Extend the Red Lake Oil Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 1: NE/4

and such other, et cetera.

- (o) Extend the South Vacuum-Devonian Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
Section 26: W/2  
Section 27: SE/4

and such other, et cetera.

- (p) Extend the Warren-Blinbry Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 28: NE/4

and such other, et cetera.

- (q) Extend the Warren Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 28: NE/4

and such other, et cetera.

- (r) Extend the Weir Oil Pool in Lea County, New Mexico, to include therein:

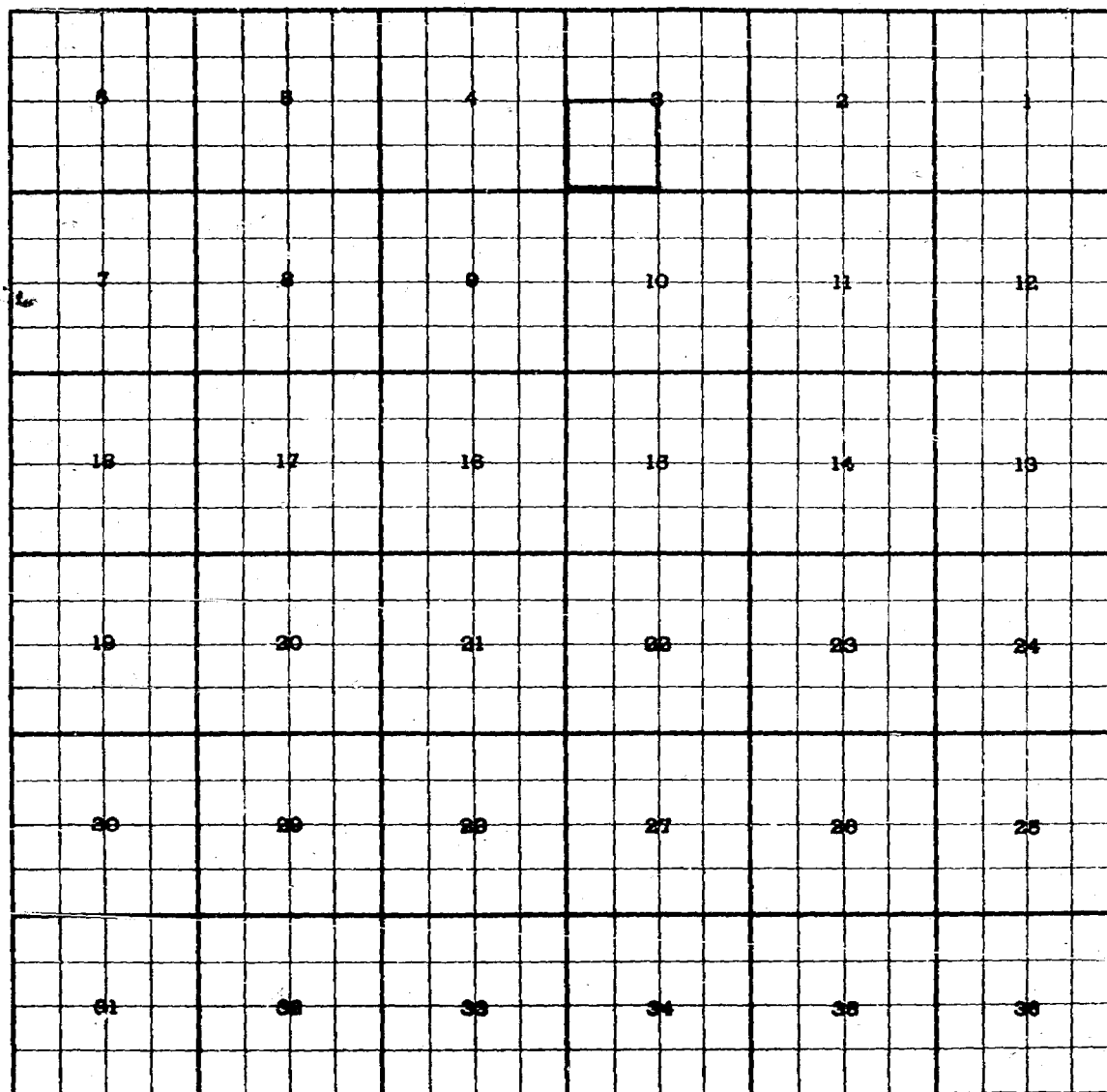
TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 15: SE/4

and such other, et cetera.

CASE 1689: (a) CREATION OF A NEW OIL POOL.

County EDDY Pool FOUR MILE DRAW-SAN ANDRES

TOWNSHIP 19 South, RANGE 25 East, NEW MEXICO PRINCIPAL MERIDIAN



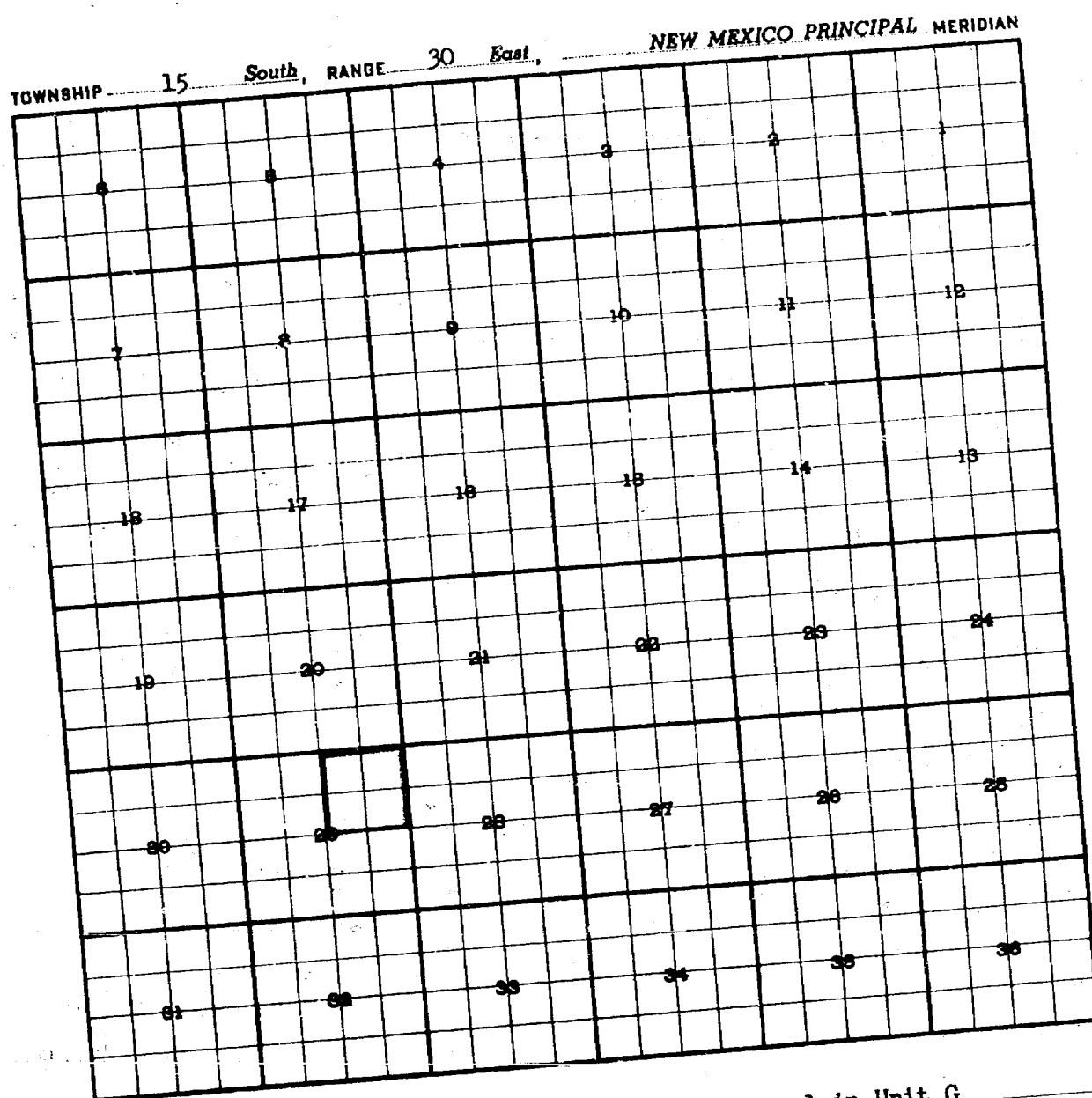
Discovery Well: Yates Brothers - Scheurich No. 1 in Unit L of  
Section 3-19-25. Completed in San Andres March 25, 1957.  
Depth to Casing Shoe 1875'.

Purpose: One completed well capable of producing.

Pool boundary colored in red. Section 3: SW/4

1689: (b) CREATION OF A NEW GAS POOL.

County CHAVES Pool LITTLE LUCKY LAKE ELLENBERGER



Discovery Well: Texaco, Inc. - Peery Federal No. 1 in Unit G  
of Section 29-15-30. Completed in Ellenberger  
September 28, 1958. Top of perforations 12,068'.

Pool boundary colored in red. Section 29: NE/4

Purpose: One well capable of producing.



CASE 1689: (c) CREATION OF A GAS POOL.

County EDDY

Pool LOS MEDANOS <sup>- Atoka</sup> ~~ATOKA~~ GAS

TOWNSHIP 22 South, RANGE 30 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

Discovery Well: Shell Oil Company - James Ranch Unit No. 1 in Unit O  
of Sec. 36-22-30. Completed in Atoka (Pennsylvanian)  
March 1, 1958. Top of perforations 12,920.

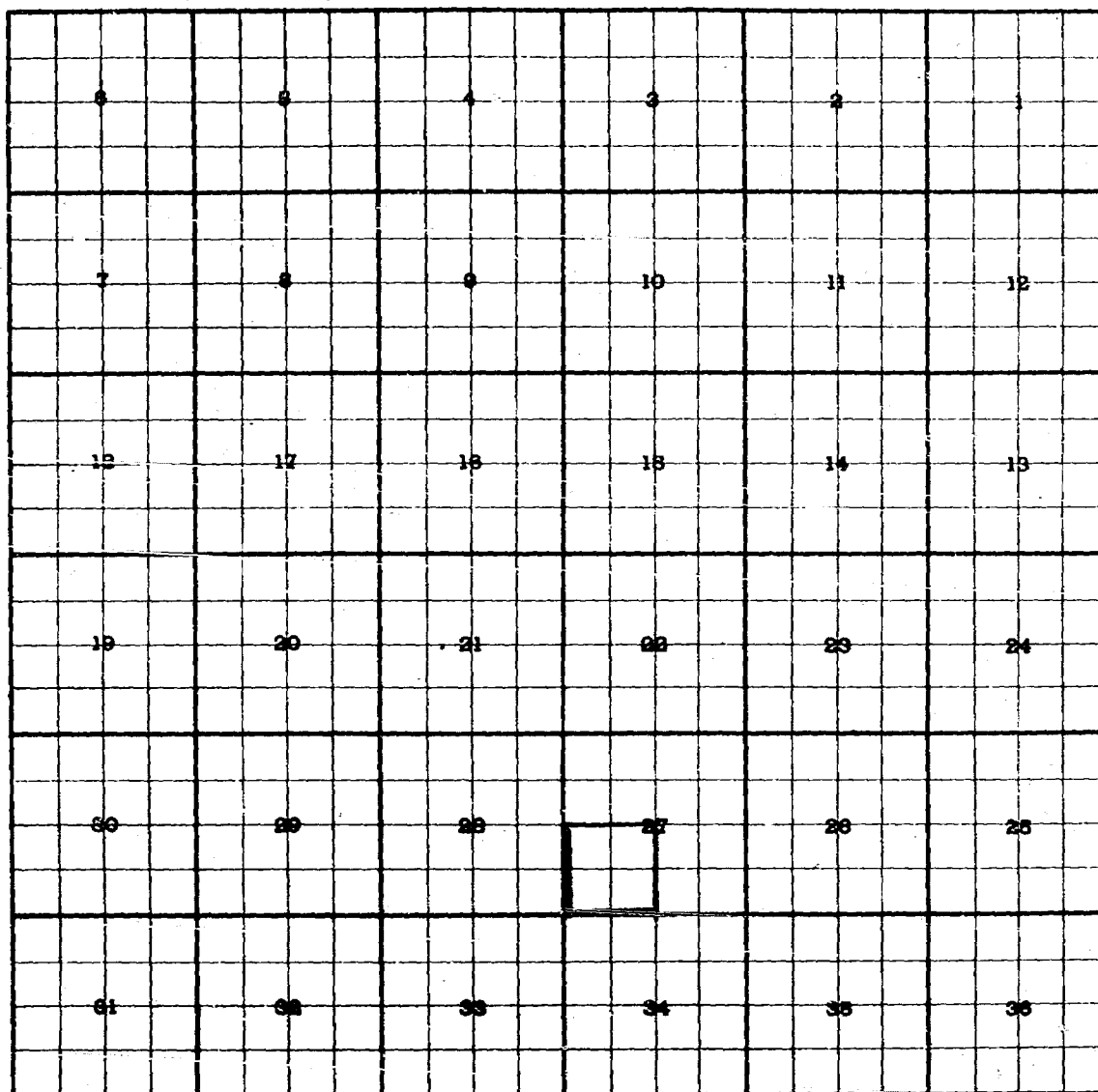
Purpose: One gas well capable of producing.

Pool boundary colored in red. Section 36: SE/4

CASE 1689: (d) CREATION OF AN OIL POOL.

County LEA Pool QUERECHO PLAINS-BONE SPRINGS

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



Discovery Well: Shell Oil Company - Querecho Plains Unit #2 in

Section 27-T18S-R32E. Recompleted in Bone Springs

April 12, 1959. Top of perforations is at 8538'.

Purpose: One completed oil well capable of producing.

Pool boundary colored in red. Section 27: SW/4

CASE 1689: (e) CREATION OF A GAS POOL.

County LEA Pool SOMBRENO-ATOKA GAS

TOWNSHIP 16 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Discovery Well: Skelly Oil Company - Sombrero Unit #1 in Unit E of  
Section 12-16-33. Completed in Atoka February 25, 1957.  
Top of perforations is at 13,166'.

Phillips Petroleum Company - Michel #1 in Unit C of  
Section 13-16-33. Completed in Atoka October 13, 1957.  
Top of perforations is at 13,062'.

Purpose: Two completed gas wells capable of producing and several drilling wells.

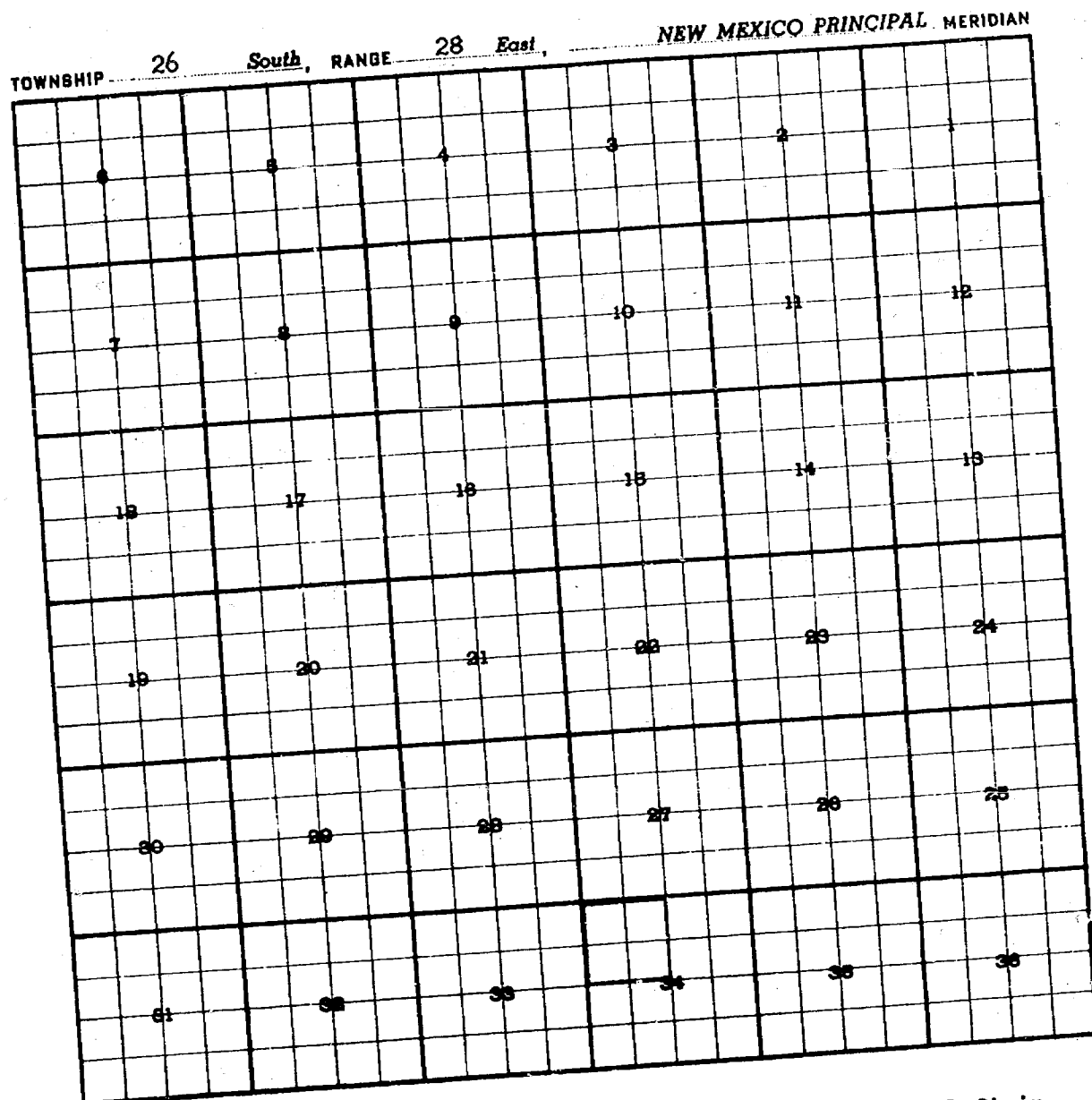
Pool boundary colored in red. Section 12: W/2

Section 13: NW/4

ADDITION: Section 11: E/2

CASE 1689: (f) CREATION OF AN OIL POOL.

County EDDY Pool TECOLATE PEAK-DELAWARE



Discovery Well: Ford Chapman & Associates - State "34" No. 1-34 in

Unit D of Section 34-26-28. Completed in Delaware

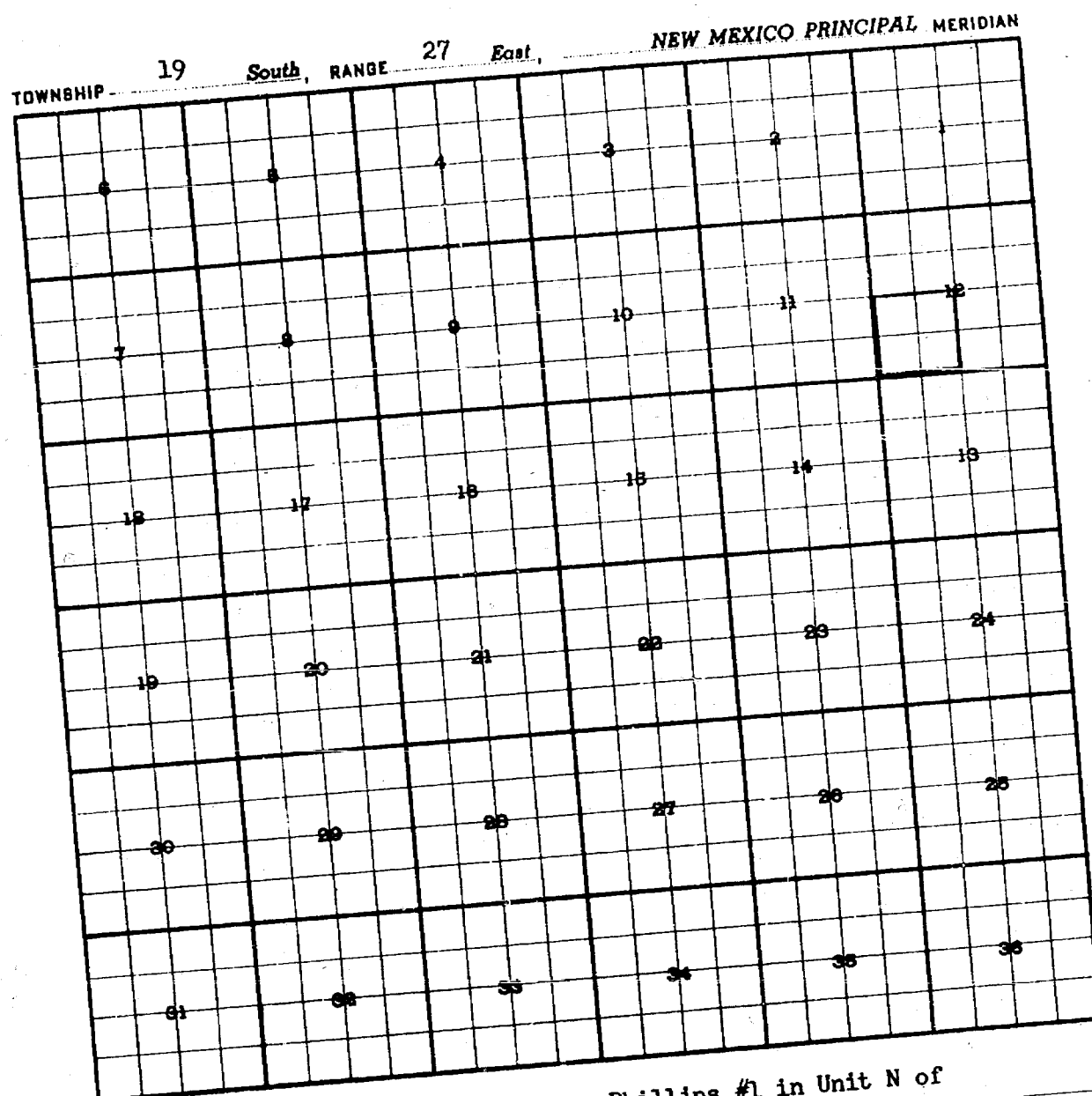
March 4, 1959. Open hole at 2512'-2514'.

Purpose: One completed oil well capable of producing.

Pool boundary colored in red. Section 34: NW/4

CASE 1689: (g) CREATION OF AN OIL POOL.

County EDDY Pool WEST MILLMAN-GRAYBURG



Discovery Well: N. R. Williamson - Phillips #1 in Unit N of  
Section 12-19-27. Completed in Grayburg on  
November 20, 1958. Top of perforations is  
at 1586'.

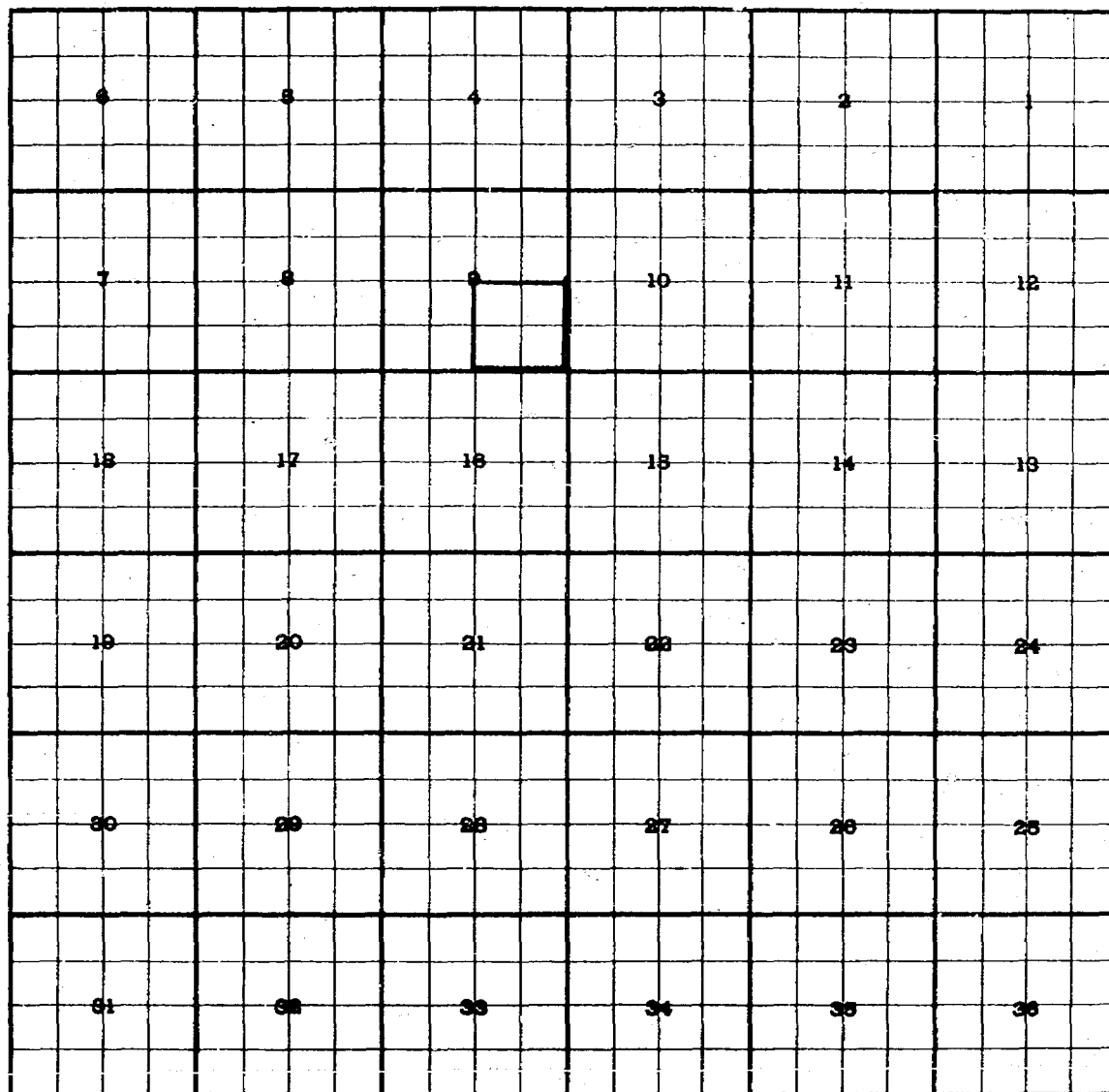
Purpose: One completed oil well which did produce.

Pool boundary colored in red. Section 12: SW/4

CASE 1689: (h) CREATION OF AN OIL POOL.

County CHAVES Pool WINDMILL-SAN ANDRES

TOWNSHIP 15 South, RANGE 28 East, NEW MEXICO PRINCIPAL MERIDIAN



Discovery Well: George W. Riley, Inc. - State #1-9 in Unit P of  
Section 9-15-28. Completed in San Andres February 5, 1959.

Top of perforations is at 2514'.

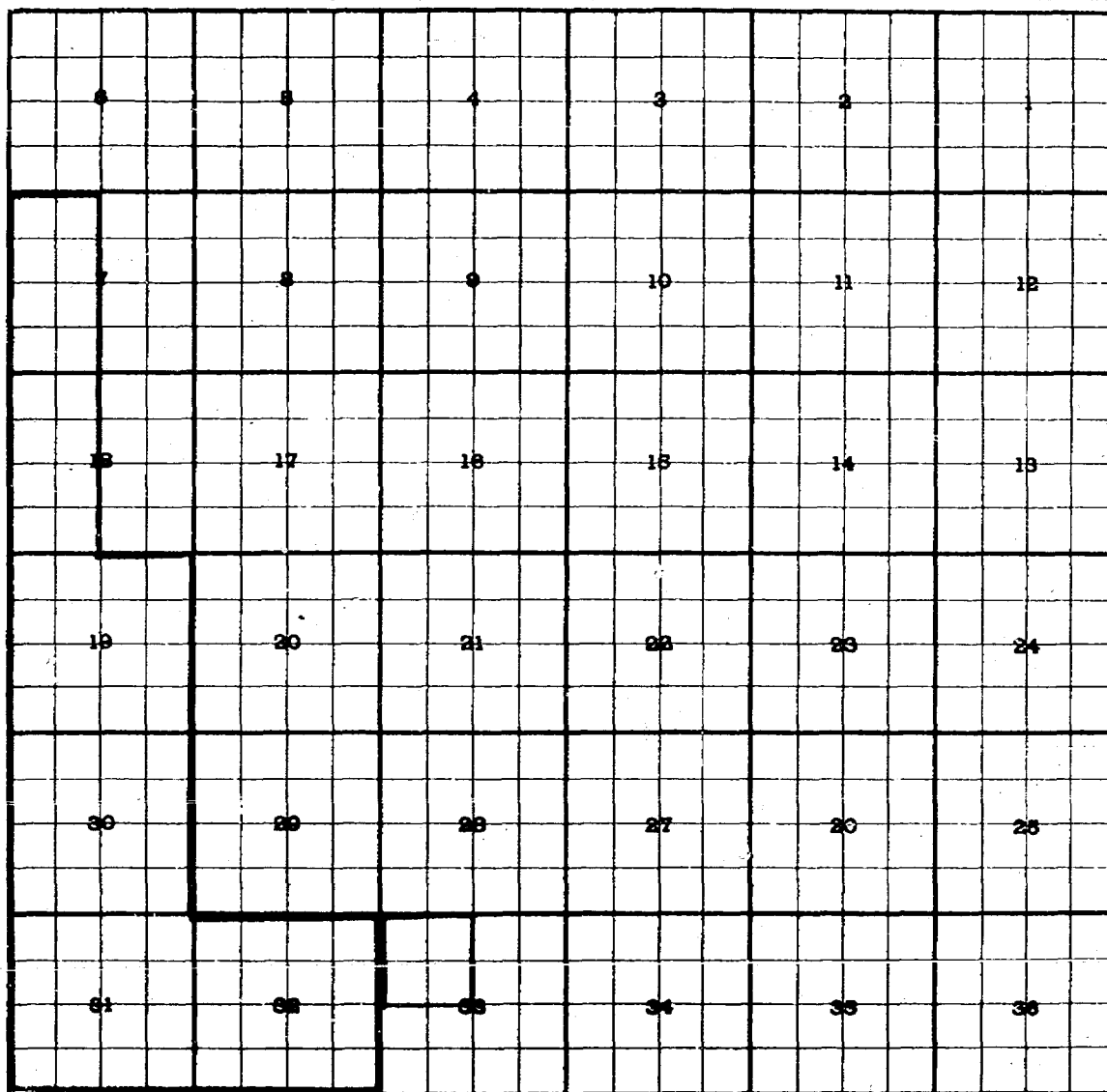
Purpose: One completed oil well capable of producing.

Pool boundary colored in red: Section 9: SE/4

CASE 1689: (1) EXTENSION OF AN EXISTING GAS POOL.

County LEA Pool BLINEBRY GAS

TOWNSHIP 22 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Texaco, Inc. - A. H. Blinebry NCT-1 #8 in Unit E of

Section 33-22-38. Completed in Blinebry March 30, 1959.

Top of perforations is at 5584'.

Pool boundary colored in red.

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

County EDDY Pool CULWIN

TOWNSHIP 18 South, RANGE 30 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: Three oil wells completed and capable of producing

Malco Refineries, Inc. = State RD #1 in Unit P of

Section 36-18-30. Completed in Queen April 11, 1959

Top of perforations is at 3071'.

Malco Refineries, Inc. - State RD #2 in Unit 0 of Sec. 36-18-30

Completed in Queen May 21, 1959. Top of perforations 3090'.

ADDITION: J. I. O'Neill, Jr. - Federal "E" #2 in Unit J of Sec. 1 - T19S-R30E.

Completed in Queen May 14, 1959. Top of perforations 3080'.

(This is in a contiguous Township, as shown above.)

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

Section 36-18-30: SE/4

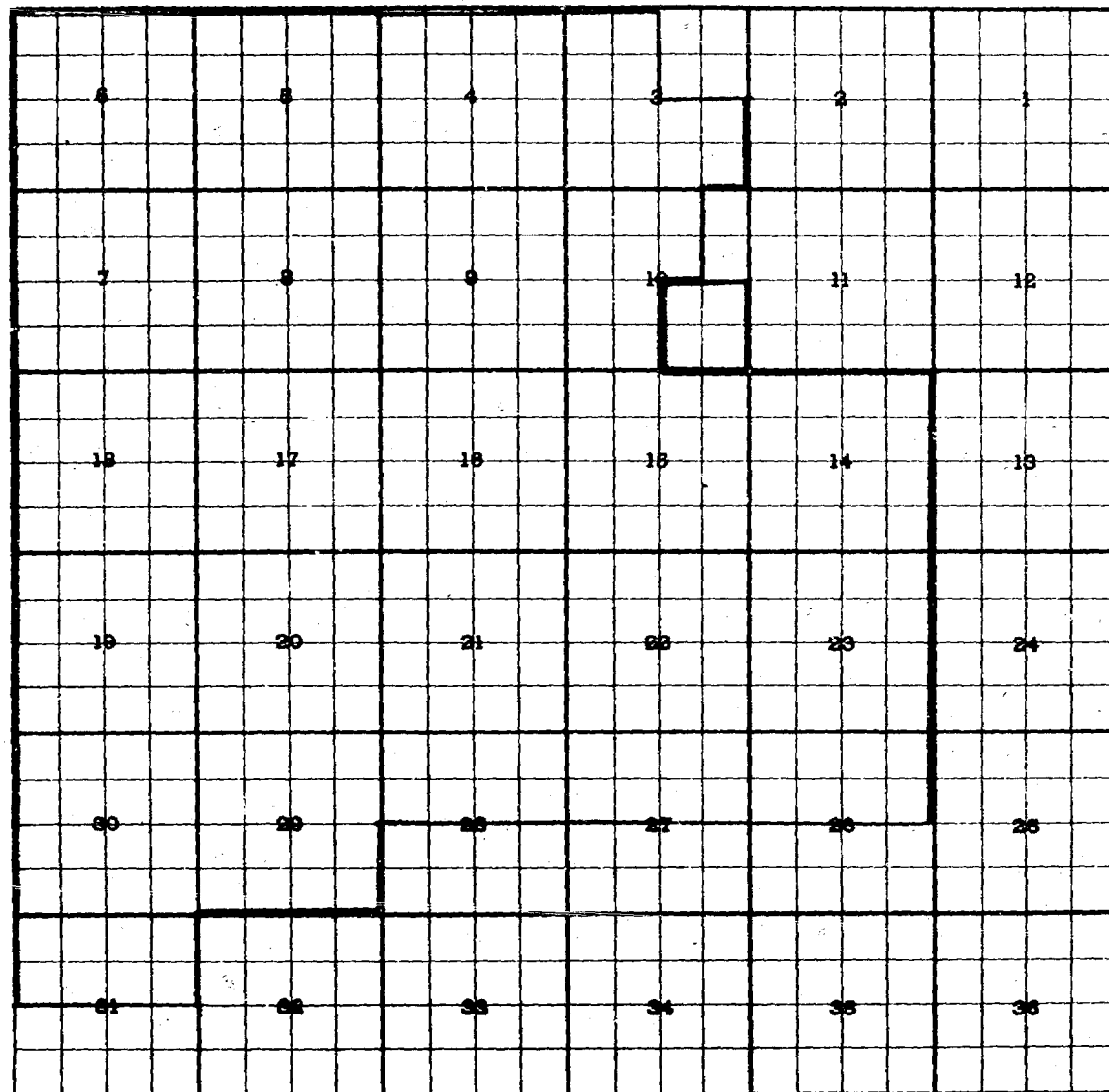
ADDITION: Section 1-19-30: SE/4



CASE 1689: (k) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool GRAYBURG JACKSON

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



**Purpose:** One completed oil well capable of producing.

Sinclair Oil & Gas Co. - H. E. West B #20 in Unit O of  
Section 10-17-31. Completed in Grayburg April 3, 1959.

Top of perforations is at 3398'.

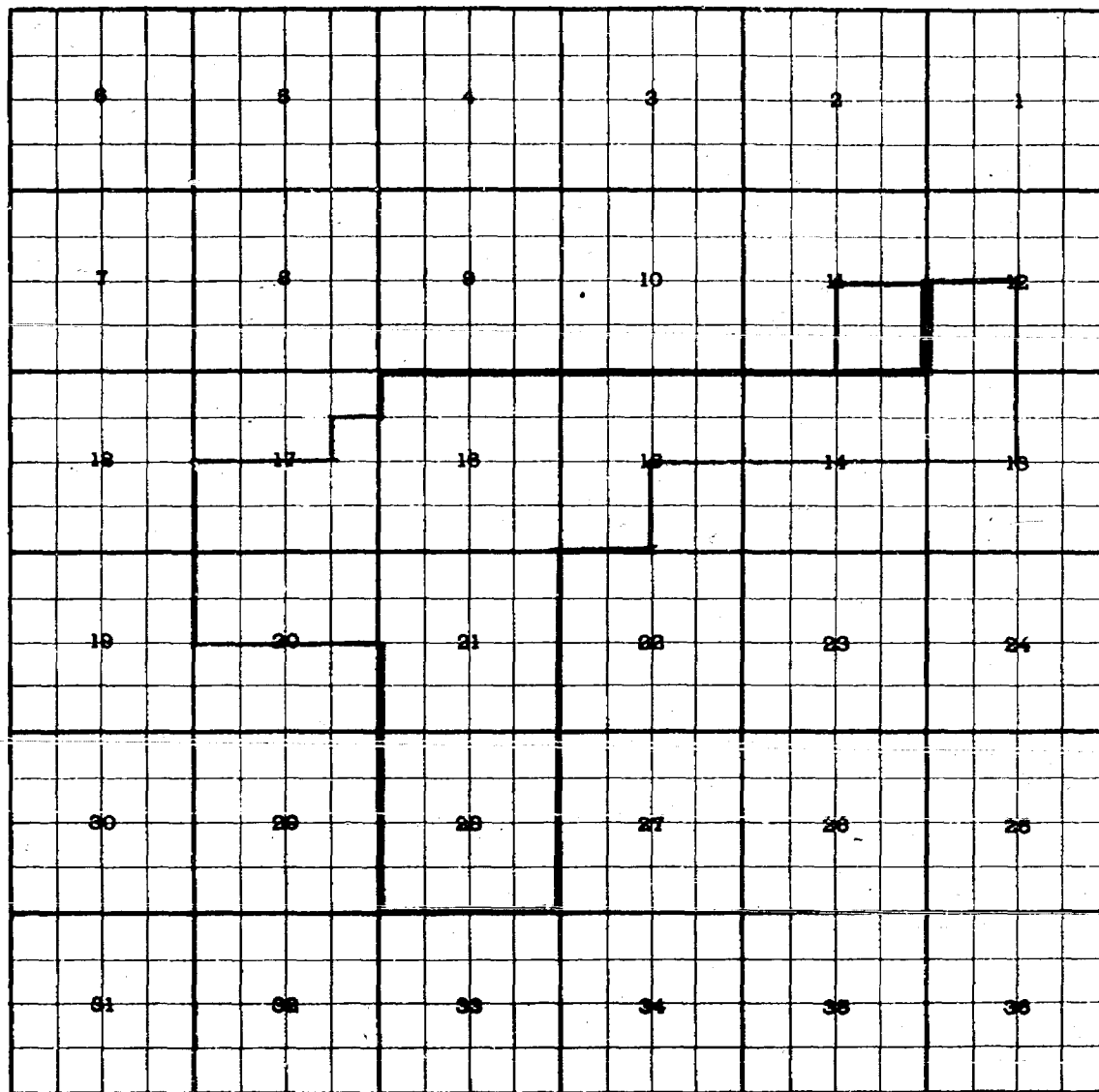
Pool boundary colored in red.

~~Proposed extension colored in green. Section 10: SE/4~~

CASE 1689: (1) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool HIGH LONESOME

TOWNSHIP 16 *South*, RANGE 29 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

General American Oil Co. of Texas - Brewer #8 in Unit P

Section 11-16-29. Completed in Penrose(Queen) April 28, 1959.

Top of perforations is at 2059'.

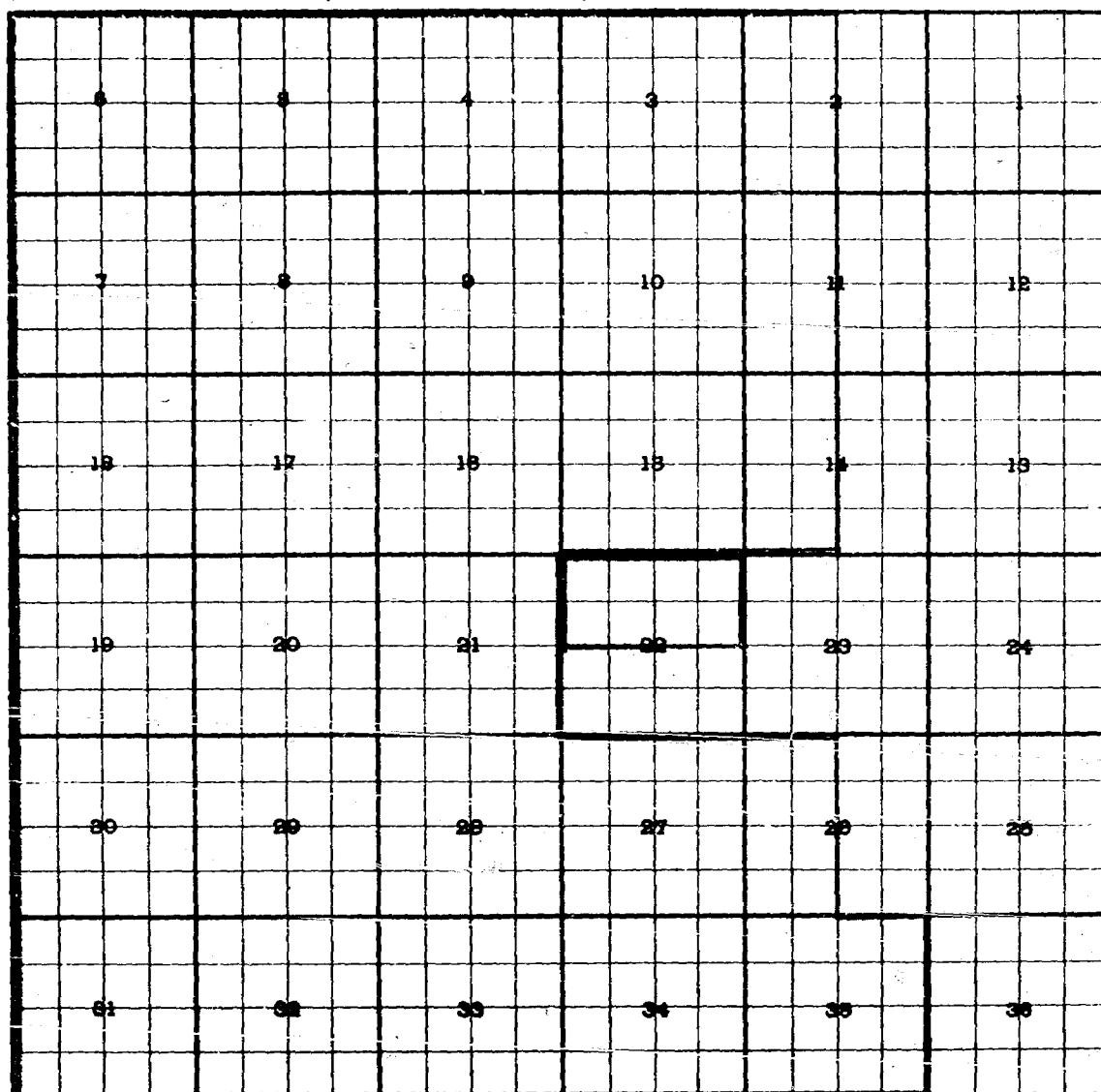
Pool boundary colored in red.

Proposed extension colored in green. Section 11: SE/4

CASE 1689: (m) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool LANGLIE MATTIX

TOWNSHIP 23 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



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

John H. Hill - La Munyon "A" #1 in Unit C of Sec. 22-23-37.

Completed in Penrose (Queen) April 1, 1959. Top of perforations 3582'.

John H. Hill - La Munyon "A" #2 in Unit F of Sec. 22-23-37.

Completed in Penrose (Queen) May 3, 1959. Top of perforations 3540'.

ADDITION: John H. Hill - Los Cruces Federal A #1 in Unit G of Section 22-23-37.

Completed in Penrose (Queen) May 15, 1959. Top of perforations 3615'.

Pool boundary colored in red.

Proposed extension colored in green. Section 22: NW/4 or Section 22: N/2

ADDITION: Section 22: NE/4

CASE 1689: (n) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool RED LAKE

TOWNSHIP - 18 South, RANGE 26 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: Two (2) completed oil wells capable of producing. (See second sheet for additional extension.)

John H. Trigg - Federal "J" Empire #3-1 in Unit H of Section 1-18-26.  
Completed in San Andres February 28, 1959. Top of perforations 1678'.

Pool boundary colored in red.

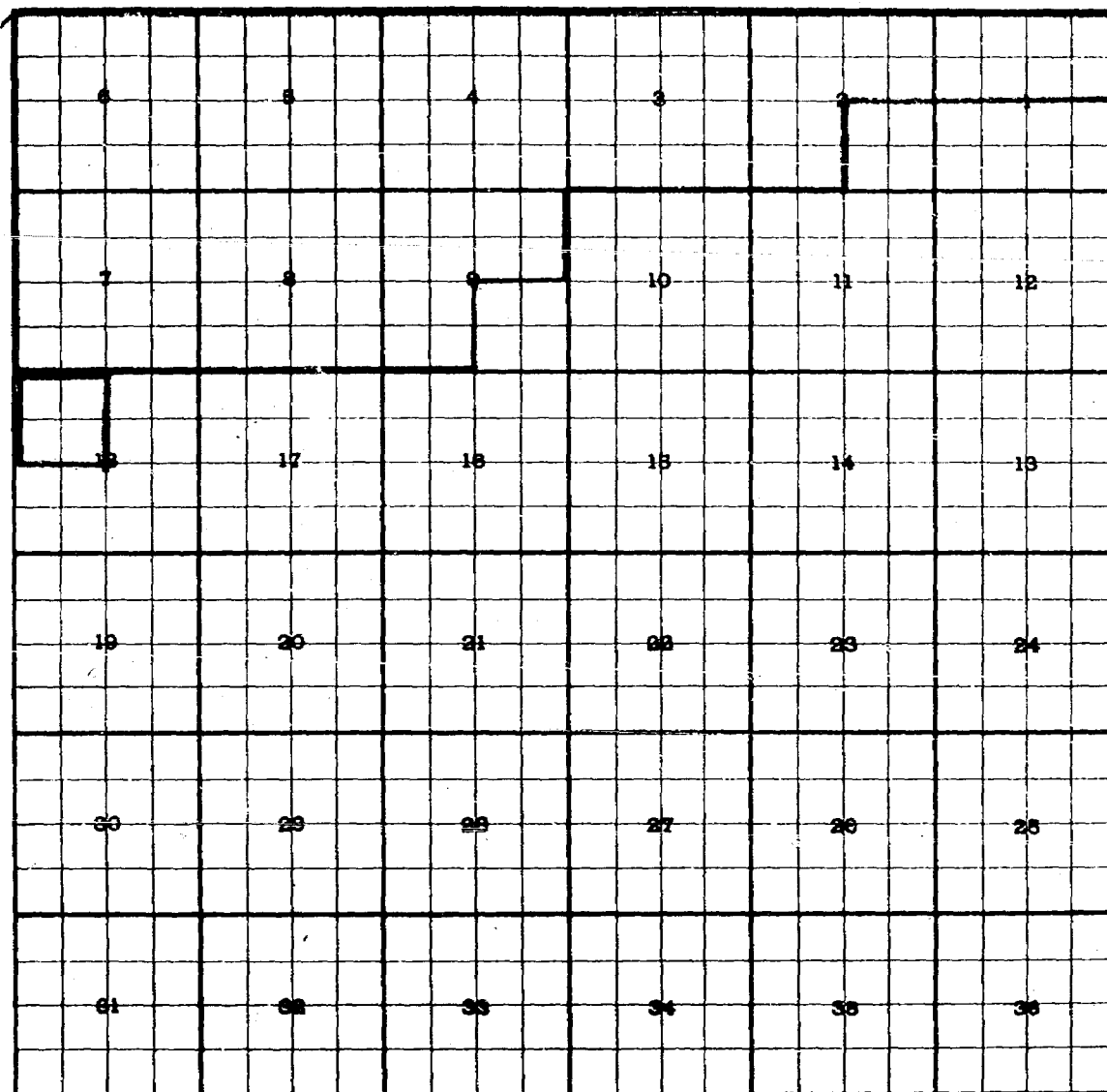
Proposed extension for this portion colored in green. Section 1: NE/4.

See next sheet for addition.

CASE 1689: (n) EXTENSION OF AN EXISTING OIL POOL. (ADDITION)

County EDDY Pool RED LAKE

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



ADDITION: Harvey L. Hurley - Gulf Jackson #1 in Unit D of Sec. 18-18-27.

Completed in San Andres May 10, 1959.

Top of perforations is at 1048'.

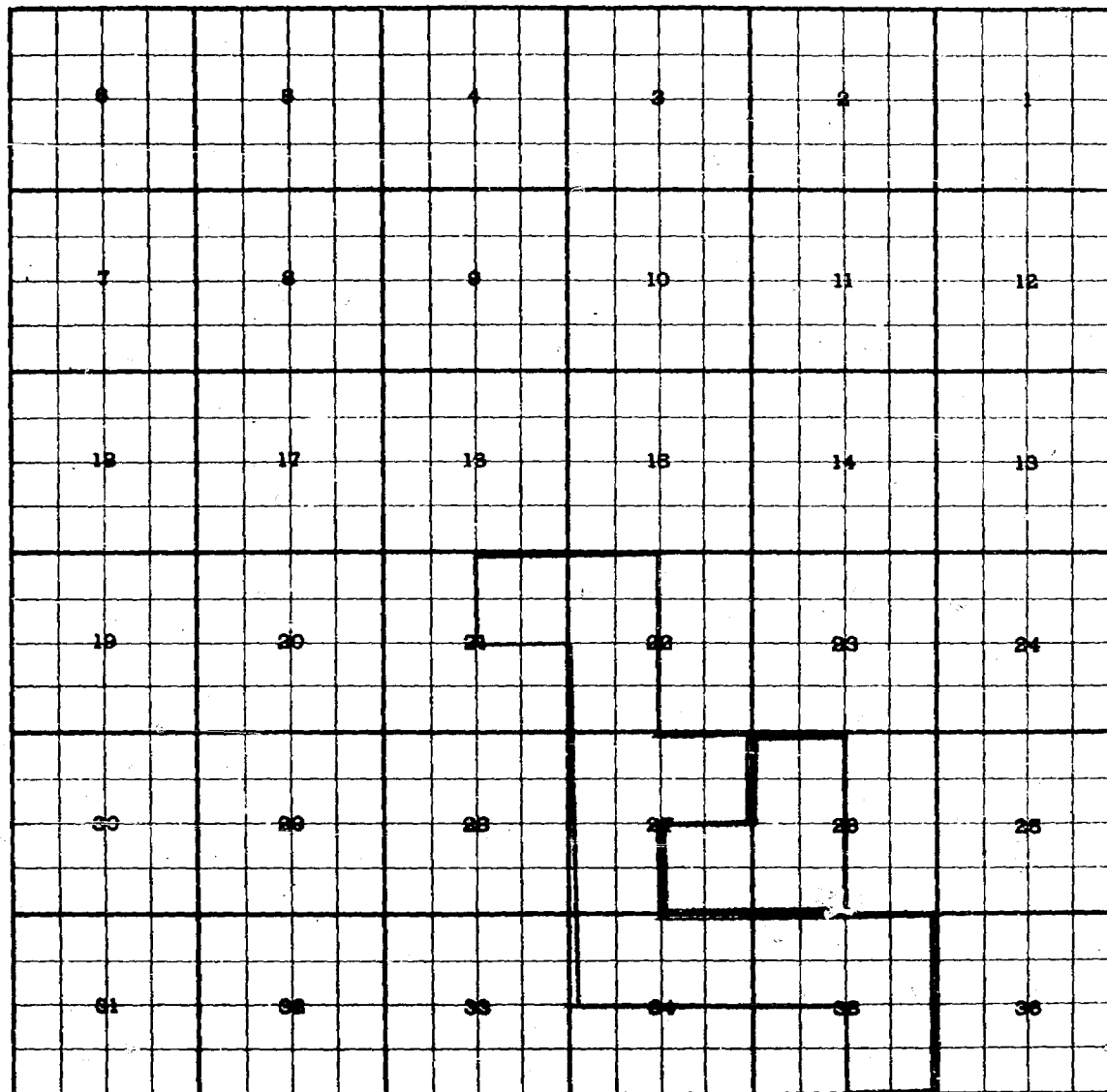
Pool boundary colored in red.

Proposed additional extension colored in green. Section 18: NW/4

CASE 1689: (o) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool SOUTH VACUUM-DEVONIAN

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



Purpose: One completed oil well capable of producing and one drilling well.

The Pure Oil Company - South Vacuum Unit #1-26 in Unit M of Section 26-18-35. Completed in Devonian April 11, 1959. Top of perforations is at 11,611'.

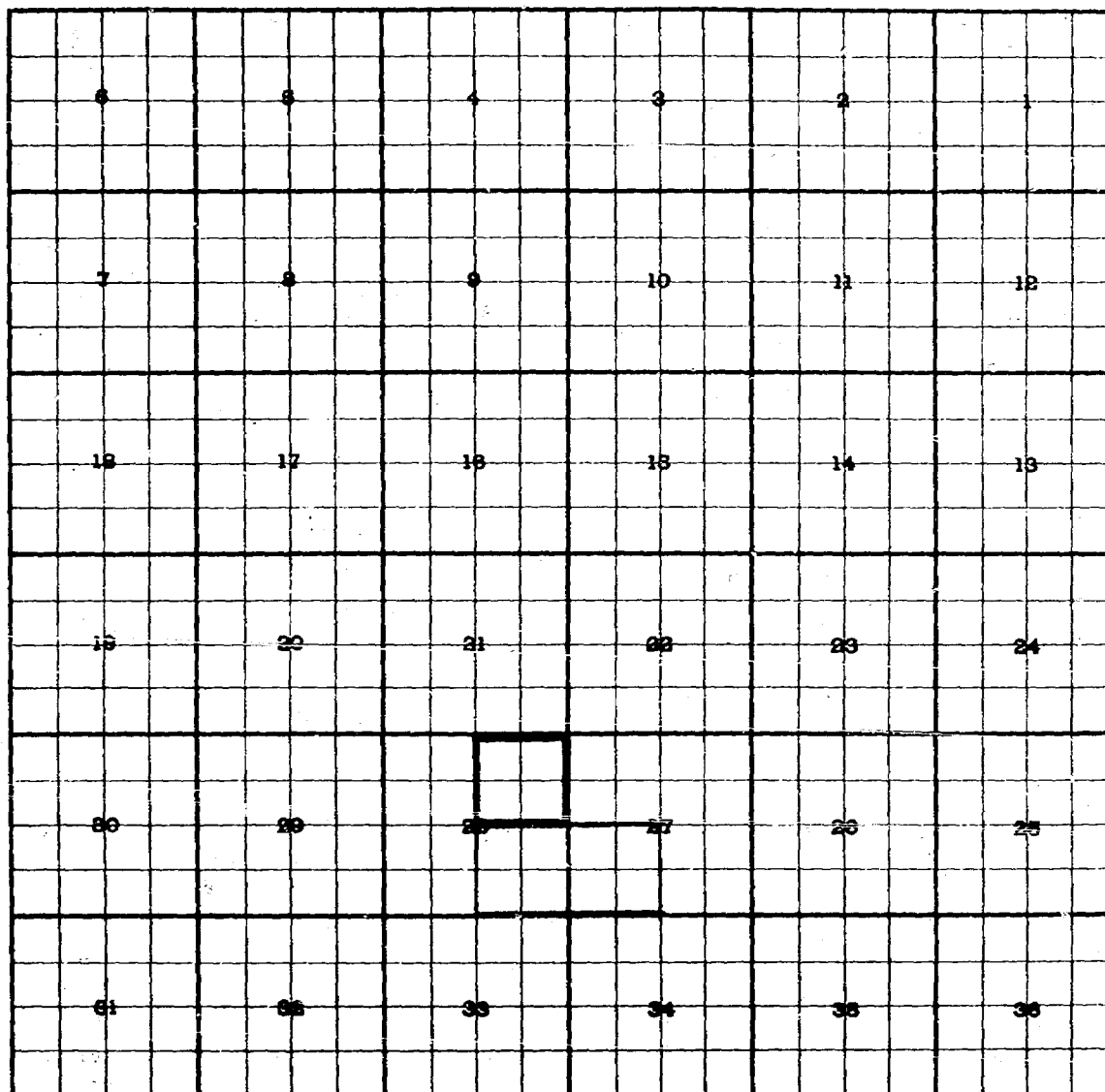
Pool boundary colored in red.

Proposed extension colored in green. Section 26: W/2  
Section 27: SE/4

CASE 1639: (p) EXTENSION OF AN EXISTING GAS POOL.

County LEA Pool WARREN-BLINEBRY GAS

TOWNSHIP 20 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Continental Oil Company - Warren Unit Blinebry #10 in Unit B.  
of Section 28-20-38. Completed in Blinebry February 1, 1959.  
Top of perforations is at 5805'.

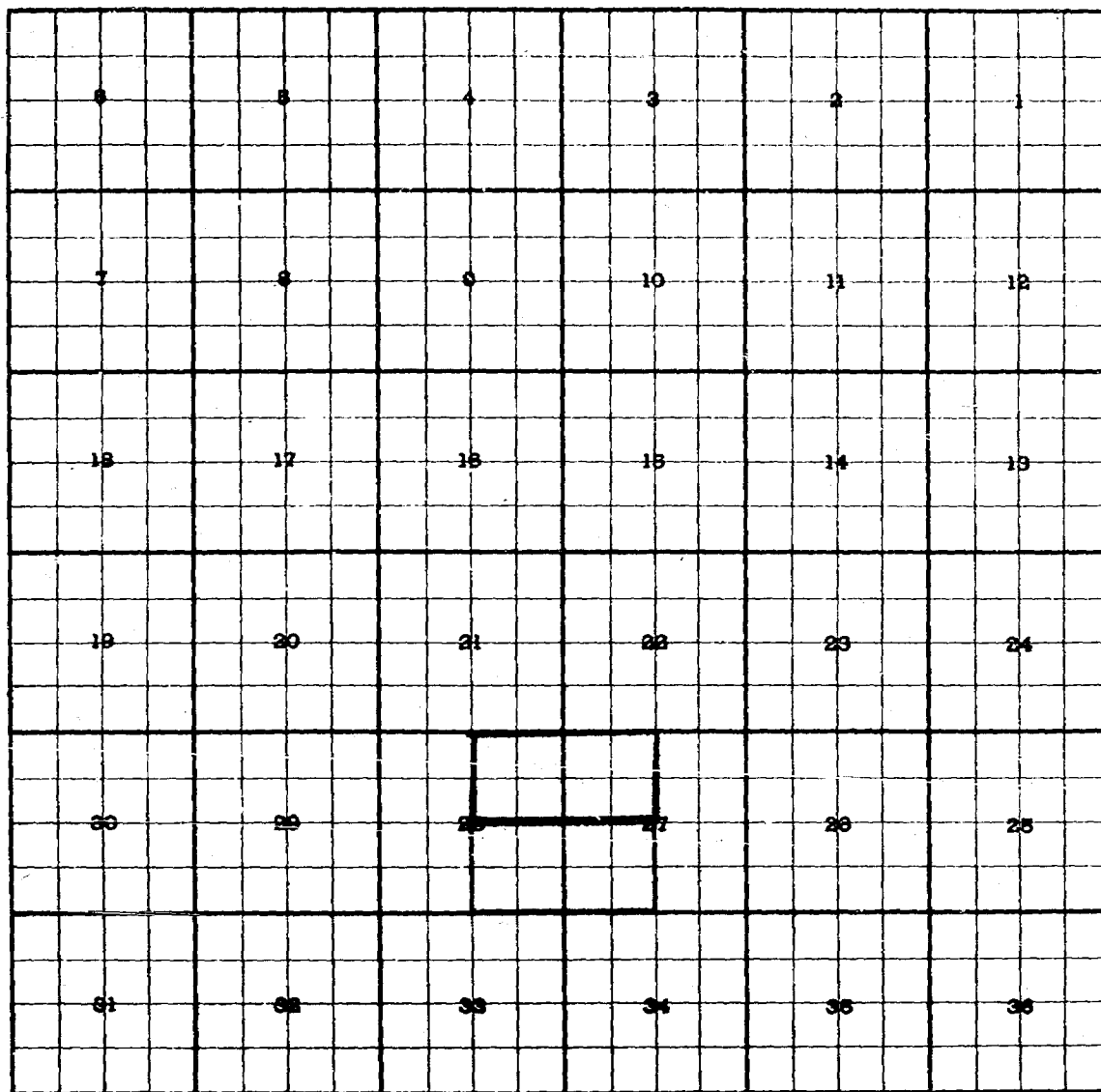
Pool boundary colored in red.

Proposed extension colored in green. Section 28: NE 1/4

CASE 1689: (q) EXTENSION OF AN EXISTING GAS POOL.

County LEA Pool WARREN-TUBB GAS

TOWNSHIP 20 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Two completed gas wells capable of producing.

Continental Oil Company - Warren Unit #10 in Unit B of  
Section 28-20-38. Completed in Tubb October 27, 1952.

Top of perforations is at 6404'.

ADDITION: Continental Oil Company - Warren Unit #9 in Unit E of  
Section 27-20-38. Completed in Tubb July 2, 1951.

Pool boundary colored in red.

Proposed extensions colored in green. Section 28: NE/4

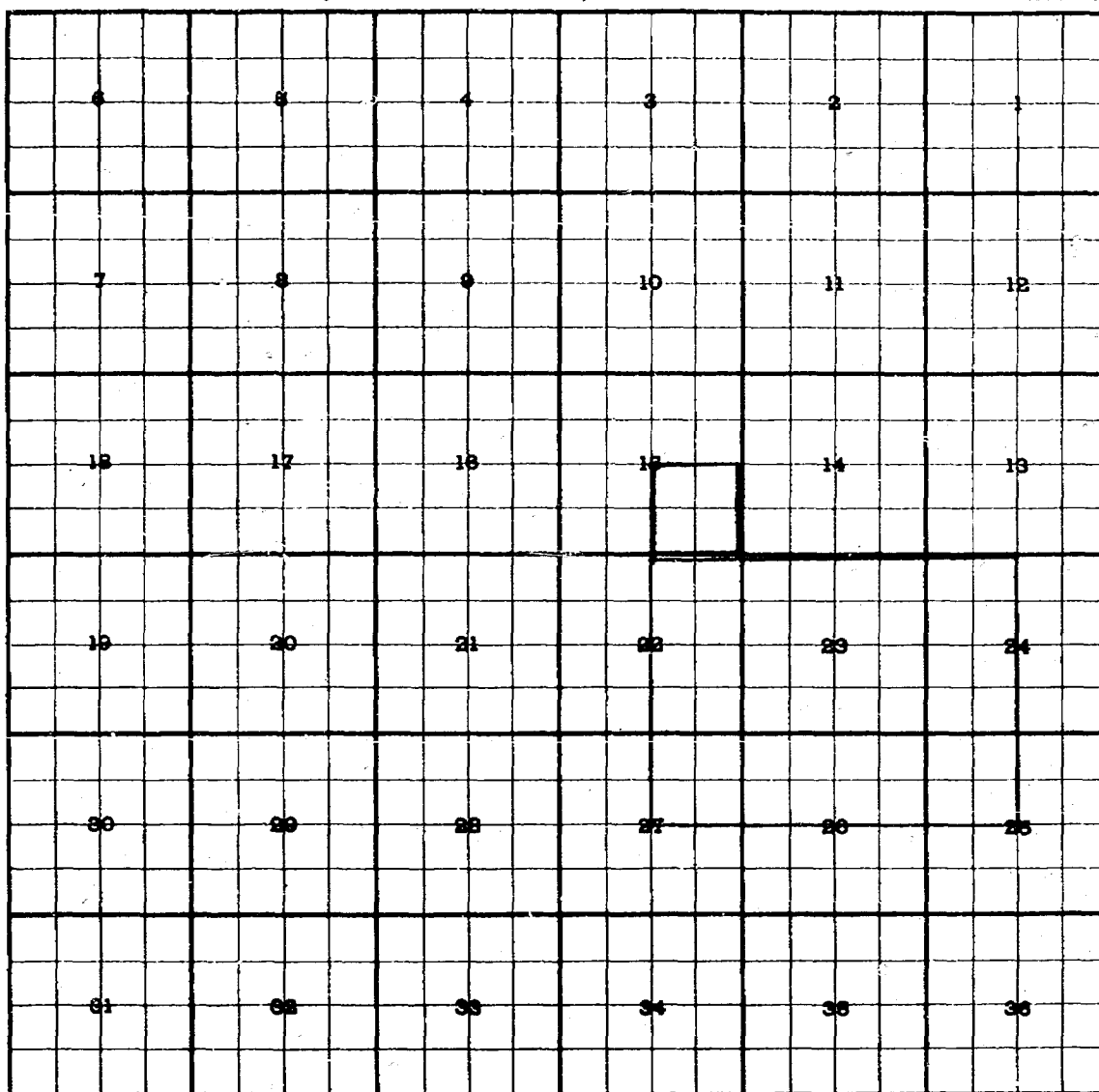
ADDITION: Section 27: NW/4



CASE 1689: (r) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool WEIR

TOWNSHIP 20 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

Continental Oil Company - Britt B-15 #9 in Unit J  
of Section 15-20-37. Completed in Drinkard April 23, 1959.  
Top of perforations is at 6810'.

Pool boundary colored in red.

Proposed extension colored in green. Section 15: SE/4

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXI CO

IN THE MATTER OF:

CASE 1689

TRANSCRIPT OF HEARING

JUNE 9, 1959

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
JUNE 9, 1959

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IN THE MATTER OF:

CASE 1689 Southeastern New Mexico Nomenclature Case calling :  
for an Order creating new pools and extending ex- :  
isting pools in Lee, Chaves and Eddy Counties, New :  
Mexico. :

(a) Create a new oil pool for San Andres produc- :  
tion, designated as the Four Mile Draw-San Andres :  
Pool, and described as: :

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM :  
Section 3: SW/4 :

(b) Create a new Gas pool for Ellenburger produc- :  
tion, designated as the Little Lucky-Ellenburger :  
Gas Pool, and described as: :

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM :  
Section 29: NE/4 :

(c) Create a new gas pool for Pennsylvanian pro- :  
duction, designated as the Los Medanos-Pennsyl- :  
vanian Gas Pool, and described as: :

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM :  
Section 36: SE/4 :

(d) Create a new oil pool for Bone Springs produc- :  
tion, designated as the Querecho Plains-Bone :  
Springs Pool, and described as: :

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM :  
Section 27: SW/4 :

(e) Create a new gas pool for Atoka production, :  
designated as the Sombrero-Atoka Gas Pool, and :  
described as: :

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM :  
Section 12: W/2 :  
Section 13: NW/4 :

(f) Create a new oil pool for Delaware production, designated as the Tecolote Peak-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM  
Section 34: NW/4

(g) Create a new oil pool for Grayburg production: designated as the West Millman-Grayburg Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM  
Section 12: SW/4

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

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
Section 9: SE/4

(i) Extend the Blinebry Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
Section 33: NW/4

(j) Extend the Culwin Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
Section 36: SE/4

(k) Extend the Grayburg Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
Section 10: SE/4

(l) Extend the High Lonesome Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 11: SE/4

(m) Extend the Langlie Mattix Pool to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
Section 22: NW/4

4  
(n) Extend the Red Lake Pool to include therein: :

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM :

Section 1: NE/4 :

(o) Extend the South Vacuum-Devonian Pool to include therein: :

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM :

Section 26: W/2 :

Section 27: SE/4 :

(p) Extend the Warren-Blinebry Gas Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM :

Section 28: NE/4 :

(q) Extend the Warren Tubb Gas Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM :

Section 28: NE/4 :

(r) Extend the Weir Pool to include therein: :

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM :

Section 15: SE/4 :

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BEFORE:

Mr. A. L. Porter  
Mr. Murray Morgan  
Gov. John Burroughs

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 will continue to the nomenclature case for Southeastern New Mexico.

MR. PAYNE: Case 1689. Southeastern New Mexico Nomenclature Case calling for an Order creating new pools and extending

existing pools in Lea, Chaves and Eddy Counties, New Mexico.

(Witness sworn)

ERIC ENGBRECHT,

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

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A Eric Engbrecht, district engineer.

Q Mr. Engbrecht, in your official capacity with the Oil Conservation Commission, have you made a study concerning the necessity for the creation of new pools and the extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico?

A I have.

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

A I recommend that we create a new oil pool named Four Mile Draw-San Andres discovery well by Yates Brothers - Scheurich No. 1 in Unit L of Section 3-19-25. The depth of casing shoe was 1875'.

Q What do you propose as the vertical limits and horizontal limits?

A San Andres formation.

MR. PORTER: Mr. Engbrecht, don't you think you might shorten that name to Three Mile Draw or something?

A I guess so.

Q Do you propose the SW/4 of Section 3 as the horizontal limits?

A Yes, sir.

Q What are your recommendations concerning creation of a new gas pool for Ellenburger production?

A I recommend to create a new pool, Little Lucky Lake- Ellenburger, discovered by Texaco, Inc. and Peery Federal No. 1 in Unit G, Section 29-15-30, completed in the Ellenburger formation on September 28, 1958. The top of the perforations 12,068 feet. It was in Section 29 of the NE/4.

Q Do you recommend the NE/4 as the horizontal limits?

A I do.

Q What do you recommend as the vertical limits?

A The Ellenburger formation.

Q What are your recommendations concerning creation of a new gas pool for Pennsylvanian production?

A I recommend a new pool be created -- new gas pool be created, namely the Los Medanos-Pennsylvanian Gas Pool, discovered --

Q Pardon me, Mr. Engbrecht. Do you propose the Los Medanos-Pennsylvanian or Los Medanos-Atoka?

A Excuse me, Los Medanos-Atoka, discovered by Shell Oil Company upon their James Ranch Unit No. 1 in Unit O of Section 36-22-30. Completed in the Atoka formation on March 1st, 1958. The top of the perforations, 12,920 feet. The horizontal limits, Sec-

tion 36, the SE/4. Vertical limits, the Atoka formation of the Pennsylvanian.

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

A I recommend the creation of an oil pool named the Querecho Plains-Bone Springs, discovered by Shell Oil Company upon the Querecho Plains Unit No. 2 in Section 27, Township 18, 32, which was recompleted in the Bone Springs on April 12, 1959. The top of the perforations is at 8538. The horizontal limits, Section 27, SW/4. The vertical limits shall be the Bone Springs formation.

Q What are your recommendations concerning creation of a new gas pool for Atoka production?

A I recommend that Paragraph (e) be dismissed for further study.

MR. PAYNE: Mr. Examiner, I move that Paragraph (e), Case 1689 be dismissed so that it can be studied further.

MR. PORTER: Is there any objection to the dismissal of Paragraph (e)? Paragraph (e) will be dismissed.

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

A I recommend the creation of a new oil pool named the Tecolote Peak-Delaware Pool. Discovery well is by Ford Chapman & Associates - State "34" No. 1-34 in Unit D of Section 34-26-28. It is completed in Delaware March 4, 1959. Open hole from 2512 to



2514. The vertical limits shall be the Delaware, and the horizontal limits shall be the NW/4 of Section 34.

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

A I recommend the creation of new oil pool called the West Millman-Grayburg Pool in Eddy County. The discovery well is N. R. Williamson - Phillips #1 in Unit N of Section 12-19-27. Completed in the Grayburg on November 20, 1958. The top of the perforations is at 5886 -- excuse me -- 1586. I reversed my figures. The vertical limits shall be the Grayburg. The horizontal shall be Section 12, SW/4.

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

A I recommend the creation of a new oil pool named the Windmill-San Andres. The discovery well is George W. Riley, Inc. The name of the well is the State #1-9 in Unit P of Section 9-15-28. Completed in the San Andres February 5, 1959. The top of the perforations is at 2514. Vertical limits shall be the San Andres, the horizontal limits, Section 9 of the SE/4.

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

A I recommend the extension of the Blinebry Gas Pool, one oil well capable of producing -- off the record -- one well capable of producing within the Blinebry limits as outlined in --

Q The extension is outlined in Paragraph (1)?

A Right.

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

A I recommend the Culwin Pool be extended as outlined in Paragraph (j). In addition, one well which is the SE/4 of Section 1.

Q What are your recommendations concerning extension of the Grayburg Jackson Pool?

A I recommend the Grayburg Jackson Pool be extended as outlined in Paragraph (k).

Q On what basis?

A On one oil well capable of producing.

Q What are your recommendations concerning extension of the High Lonesome Pool?

A I recommend that the High Lonesome Pool be extended as in Paragraph (l) because of one well capable of producing.

Q What are your recommendations concerning extension of the Langlie Mattix Pool?

A I recommend the extension of the Langlie Mattix Pool because of three completed oil wells capable of producing from this pool. We have an addition of John H. Hill in 22-23-37.

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

A I make a recommendation extension of the Red Lake Oil Pool as advertised in Paragraph (n).

Q On what basis?

A Of two wells capable of producing.

Q What are your recommendations --

A There is an addition of Section 18 of the NW/4.

Q What are your recommendations concerning extension of the South Vacuum-Devonian Pool?

A I recommend that the South Vacuum-Devonian Pool be extended as outlined in Paragraph (o).

Q On what basis?

A On the basis of one oil well capable of producing and one drilling well.

Q What are your recommendations concerning extension of the Warren-Blinebry Gas Pool?

A I recommend the extension of the Warren-Blinebry Gas Pool as advertised in Paragraph (p), one oil well capable of producing.

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

A I recommend the extension of the Warren Tubb Gas Pool as outlined in Paragraph (q), with the addition of the one well in Unit E of Section 27-20-38. Original extension, without addition, is two completed gas wells.

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

A I make the recommendation the Weir Pool be extended

because of one oil well capable of producing as outlined in Paragraph (r).

Q Mr. Engbrecht, have you prepared Exhibits substantiating your recommendations?

A I have.

Q How have you designated them?

A I have designated them with letters, (a) through (r), inclusive.

MR. PAYNE: Mr. Commissioner, at this time we move for the introduction of Exhibits 1 (a) through 1 (r) in Case 1689.

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

MR. PAYNE: That concludes our case.

MR. PORTER: Anyone have a question of Mr. Engbrecht?

#### CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Engbrecht, do you recall how many wells are now in the Weir Pool?

A No, sir, I do not.

Q The reason I ask that, for a number of years that was a one-well pool, and I was just wondering if there has been some recent activity around there other than this one well.

A According to the Exhibit, the W/2 of Section 24, the NW of 25, the N/2 of 20, the NE of 27, the E/2 of 22, and all of 23 was the original Weir Pool, which is in Township 20, Range 37.

MR. PORTER: The Commission customs have changed since those days. I think it is still a one-well pool. No questions, Mr. Engbrecht may be excused.

(Witness excused)

MR. PORTER: Anything further to be offered in this case? Take the case under advisement and take up next the nomenclature case for the Northwest, Case 1690.

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

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 18<sup>th</sup> of June, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

*Joseph A. Trujillo*  
NOTARY PUBLIC

My Commission Expires:  
October 5, 1960

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