

CASE 1001

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case No.

1861

Application, Transcript,
Small Exhibits, Etc.

NOMENCLATURE ADVERTISEMENT FOR JANUARY 1960

Case NO. 1861

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

- a) Create a new ^{oil} pool in Lea County, New Mexico, classified as an oil pool for Upper Silurian production with vertical limits established from the bottom of the Devonian formation to the top of the Fusselman formation, designated as the Fowler-Upper Silurian Pool and described as:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 22: E/2 ✓

and such other, et cetera.

- b) Create a new ^{oil} pool in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the West Crossroads-Devonian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 31: SE/4 ✓

and such other, et cetera.

- c) Create a new ^{gas} pool in Lea County, New Mexico, classified as a gas pool for Devonian production, designated as the East Hightower-Devonian Gas Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NW/4 NE/4 ✓

and such other, et cetera.

- (d) ^{gas} Create a new pool in Lea County, New Mexico, classified as a gas pool, designated as the Teague Abo Gas Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 21: SE/4 ✓

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 1: NE/4 ✓

and such other, et cetera.

- pool for Abo production, designated as the Teague Abo Gas Pool, described as:
Township 23 South, Range 37 East NMPM
Section 21: SE/4 ✓

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January 1960 Nomenclature Advertisement

- g) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 26 EAST, NMPM
Section 22: NE/4 & S/2

and such other, et cetera.

- h) Extend the Four Lakes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
Section 35: SE/4 ✓

and such other, et cetera.

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 2: SW/4 ✓

and such other, et cetera.

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 18: NW/4 ✓

and such other, et cetera.

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
Section 4: NE/4 ✓

and such other, et cetera.

NOMENCLATURE ADVERTISEMENT FOR JANUARY 1960

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, abolishment, and extension of pools in 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, abolishment, and extensions should not be made.

- a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Upper Silurian production with vertical limits established from the bottom of the Devonian formation to the top of the Fusselman formation, designated as the Fowler-Upper Silurian Pool and described as:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 22: E/2

and such other, et cetera.

- b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the West Crossroads-Devonian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 31: SE/4

and such other, et cetera.

- c) Create a new pool in Lea County, New Mexico, classified as a gas pool for Devonian production, designated as the East Hightower-Devonian Gas Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NW/4 NE/4

and such other, et cetera.

- d) Abolish the Baish-Abo Pool in Lea County, New Mexico, classified as an oil pool, described as:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 21: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 1: NE/4

and such other, et cetera.

January 1960 Nomenclature Advertisement

- f) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 22: NE/4 & S/2

and such other, et cetera.

- g) Extend the Four Lakes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
Section 35: SE/4

and such other, et cetera.

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 2: SW/4

and such other, et cetera.

- i) Extend the East Hillman-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 18: NW/4

and such other, et cetera.

Extend the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
Section 4: SE/4

and such other, et cetera.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

IN THE MATTER OF
CASE NO. 1861

TRANSCRIPT OF PROCEEDINGS

January 14, 1960

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691



I N D E XWITNESSPAGE

ERIC ENGBRECHT
Direct Examination by Mr. Payne

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DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 14, 1960

IN THE MATTER OF:

SOUTHEASTERN NEW MEXICO NOMENCLATURE CASE
calling for an order for the creation of
new pools and the extension of existing
pools in Lea and Eddy Counties, New Mexico.

- (a) Create a new oil pool designated as
the Fowler-Upper Silurian Pool and
described as:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM,
Section 22: E/2

- (b) Create a new oil pool designated as the
West Crossroads-Devonian Pool, and des-
cribed as:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM,
Section 31: SE/4

- (c) Create a new gas pool designated as the
East Hightower-Devonian Gas Pool, and
described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM,
Section 30: NW/4 NE/4

- (d) Create a new gas pool designated as the
Teague-Abo gas Pool, described as:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM,
Section 21: SE/4

- (e) Abolish the Baish-Abo Pool in Lea County,
New Mexico, classified as an oil pool,
described as:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM,
Section 21: SE/4

CASE

NO. 1861

DEARNLEY-MEIER REPORTING SERVICE, Inc.

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ALBUQUERQUE, NEW MEXICO

- (f) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM,
Section 1: NE/4

- (g) Extend the Atoka-Pennsylvanian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM,
Section 22: NE/4 & S/2

- (h) Extend the Four Lakes-Pennsylvanian Pool to include:

TOWNSHIP 11 SOUTH, RANGE 30 EAST, NMPM,
Section 35: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM,
Section 2: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM,
Section 18: NW/4

- (k) Extend the Shugart Pool to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM,
Section 4: NE/4

CASE

NO. 1861

(Continued)

BEFORE:

Hon. John W. Burroughs,
A. L. Porter, Secretary-Director
Murray Morgan, Land Commissioner

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Hearing will come to order. We will
take up Case Number 1861, Southeast Nomenclature Case.



MR. PAYNE: Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and the extension of existing pools in Lea and Eddy Counties, New Mexico.

(Witness sworn.)

ERIC ENGBRECHT

a witness, called by and on behalf of the Oil Conservation Commission, was duly sworn, and testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness state his name, and present employment?

A Eric F. Engbrecht, District Engineer in the Hobbs office. I would like to spell my name for the record, E-n-g-b-r-e-c-h-t.

Q Mr. Engbrecht, in your capacity with the Oil Conservation Commission, have you made a study concerning the need, or desirability, for creating new pools in, and extending existing pools for Eddy and Lea Counties, New Mexico?

A I have.

Q What are your recommendations concerning the operation of a new oil pool for the Upper Silurian production?

A It is recommended that a new pool be created, and designated as the Fowler-Upper Silurian Pool; the vertical limits to be the formation from the bottom of the Devonian to the top of the Fusselman. The discovery well is a Pan American Petroleum

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Corporation, South Mattix Unit Number 3, in Unit B of Section 22, Township 24 South, Range 37 East. It was completed in Silurian on February 11, 1959. The top of the perforations are at 7180. There is another well that has been completed within this formation.

Q What are your recommendations concerning the creation of a new pool for the Devonian production?

A It is recommended that a new oil pool be created, and designated as the West Crossroads-Devonian Pool. The vertical limits to be the Devonian formation; and horizontal limits shall be within the SE/4 of Section 31, Township 9 South, Range 36 East, as designated in paragraph (b) of Exhibit 1. The discovery well is the Pure Oil Company Federal "D" Number 1 in Unit P of Section 31, Township 9 South, Range 36 East. It was completed in Devonian on November 14, 1959. The top of the perforations is at 12,003 feet.

Q What are your recommendations concerning the creation of a new gas pool of the Devonian gas production?

A It is recommended that a new gas pool be created, and designated as the East Hightower-Devonian Gas Pool. The vertical limits to be the Devonian formation; the horizontal limits to be as in paragraph (c) of Exhibit 1. The discovery well is the Santiago Oil and Gas Company Well, State Number 1-30, in Unit B of Section 30, Township 12 South, Range 34 East. It was completed in the Devonian on February 3rd, 1959. The top of the

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perforations is at 12,899 feet. There are two additions to this well, since the advertisement.

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

A It is recommended that a new gas pool be created, and designated as the Teague-Abo Gas Pool. The vertical limits to be the Abo formation; and the horizontal limits as in paragraph (d) of Exhibit 1. The discovery well is the Gulf Oil Corporation's G. G. Travis Number 1, in Unit I of Section 21, Township 23 South, Range 37 East. It was completed in the Abo on September 16th, 1959. The top of the perforations are 6,764 feet.

Q Do you recommend that the Baish-Abo Pool, in Lea County, New Mexico, be abolished?

A It is recommended that the Baish-Abo Pool be abolished, and incorporate it with the Maljamar-Abo Pool, because of an overlapping of the two pools.

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

A It is recommended that the Allison-Pennsylvanian Pool boundary be extended as shown in paragraph (f) of Exhibit 1, on the basis of one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Atoka-Pennsylvanian Gas Pool?

A It is recommended that the Atoka-Pennsylvanian Gas Pool boundary be extended as shown in paragraph (g) of Exhibit 1,



on the basis of one well capable of producing within this pool.

Q What are your recommendations concerning an extension of the Four Lakes-Pennsylvanian Pool?

A It is recommended that the Four Lakes-Pennsylvanian Pool boundary be extended as shown in paragraph (h), of Exhibit 1, on the basis of one pool, I mean, excuse me, of one well being capable of producing from this pool.

Q What are your recommendations concerning an extension of the West Henshaw-Grayburg Pool?

A It is recommended that the West Henshaw-Grayburg Pool boundary be extended as shown in paragraph (i), of Exhibit 1, on the basis of one well capable of producing within the horizontal limits.

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

A It is recommended that the East Millman-Queen-Grayburg Pool boundary be extended as shown in paragraph (j), of Exhibit 1, on the basis of one well completed therein.

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

A There is an extension on paragraph (j), as set out in the separate exhibit. It is recommended that the Shugart Pool boundary be extended as shown in paragraph (k), of Exhibit 1, on the basis of three wells completed therein.

Q Have you prepared an exhibit, substantiating your

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recommendations?

A I have.

Q Now, how is it designated?

A It is designated as Case 1861, Exhibit Number 1, paragraphs (a) through (k), inclusive.

MR. PAYNE: I move for the introduction of Exhibit 1 in Case 1861.

MR. PORTER: Without objection, it will be admitted.

MR. PAYNE: That concludes the testimony of this witness.

MR. PORTER: Are there any questions of the witness?

(No response.)

MR. PORTER: The witness may be excused.

If there is nothing further, the case will be taken under advisement, and the hearing is adjourned.

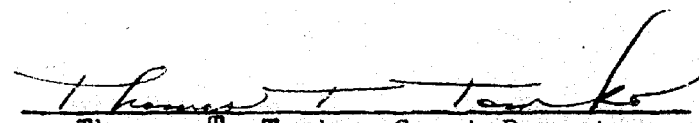
(Whereupon hearing was adjourned at 12:15 p.m., Thursday, January 14, 1960.)



STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

I, THOMAS T. TOMKO, Court Reporter, 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 under my personal supervision, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my hand this 23rd day of January, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


Thomas T. Tomko, Court Reporter.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

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DOCKET: REGULAR HEARING JANUARY 13, 1960Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe, NM

- ALLOWABLE: (1) Consideration of the oil allowable for February, 1960
- (2) Consideration of the allowable production of gas for February 1960 from six prorated pools in Lea County, New Mexico; also consideration of the allowable production of gas from seven prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for February, 1960.

NEW CASES

- CASE 1850: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider amending Rule 303 of the Commission Rules and Regulations to provide an administrative procedure whereby the production from two or more separate common sources of supply may be commingled under certain conditions, particularly after separately metering or measuring the production from each of the said common sources of supply.
- CASE 1851: Application of Skelly Oil Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 30-day exception to the "no-flare" provision of Order R-1427 for 24 wells in the Gallegos-Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1852: Application of Southern Union Gas Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 120-day exception to the "no-flare" provision of Order R-1427 for its Whitley Well No. 1, located in the NW/4 of Section 17, Township 24 North, Range 9 West, Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1853: Application of Standard Oil Company of Texas for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 60-day exception to the "no-flare" provision of Order R-1427 for 18 wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1854: Application of Texaco Inc. for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 60-day exception to the "no-flare" provision of Order R-1427 for three wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.

- CASE 1855: Application of Humble Oil & Refining Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a temporary exception to the "no-flare" provision of Order R-1427 for five wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1856: Application of Sun Oil Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 30-day exception to the "no-flare" provision of Order R-1427 for seven wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1857: Application of Kenneth Murchison for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a temporary exception to the "no-flare" provision of Order R-1427 for two wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1858: Application of The British-American Oil Producing Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a temporary exception to the "no-flare" provision of Order R-1427 for certain wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1859: Application of Sunray Mid-Continent Oil Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks an exception to the "no-flare" provision of Order R-1427 for one well in the Gallegos-Gallup Oil Pool and twelve wells in the Bisti-Lower Gallup Oil Pool, both in San Juan County, New Mexico.
- CASE 1862: Application of Socony-Mobil Oil Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a temporary exception to the "no-flare" provision of Order R-1427 for seven wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- CASE 1860: Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico:
- (a) Abolish the Huerfano-Dakota Pool for the purpose of joining pools producing from a common source of supply, to be known as the Angels Peak-Dakota Pool.

(b) Abolish the West Kutz-Dakota Pool for the purpose of joining pools producing from a common source of supply, to be known as the Angels Peak-Dakota Pool.

(c) Extend the Aztec-Fruitland Pool to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM,
Section 20: S/2

(d) Extend the Aztec-Pictured Cliffs Pool to include:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM,
Section 36: SE/4

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

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM,
Section 6: W/2

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM,
Section 1: SE/4

(f) Extend the Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM,
Section 6: NE/4

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

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

(h) Extend the Blanco-Mesaverde Pool to include:

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM,
Section 3: E/2

(i) Extend the Angels Peak-Gallup Oil Pool to include:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM,
Section 7: E/2
Section 17: W/2
Section 18: NE/4
Section 20: NW/4

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

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM,

Section 27: SE/4 SW/4

Section 28: SW/4 NE/4 & S/2 NW/4

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

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM,

Section 21: SE/4 SE/4

Section 22: SW/4 SW/4

Section 30: NE/4 SE/4

(l) Extend the Angels Peak-Dakota Pool to include:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM,

Section 7: All

Section 18: All

Section 19: N/2

Section 20: N/2

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM,

Section 1: All

Section 2: E/2 & SW/4

Section 3: S/2

Section 23: E/2

Section 24: All

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM,

All of sections 1 thru 4 inclusive

All of sections 9 thru 16 inclusive

All of sections 21, 22, & 23

Section 26: N/2

Section 27: N/2

Section 28: All

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM,

Section 18: All

Section 19: All

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM,

Section 6: W/2

All of sections 7, 8, 11, 13, 14, 17, 18, 19, 20,
& 21,

Section 23: E/2

Section 24: All

Section 26: E/2
Section 29: W/2
Section 30: All
Section 31: All
Section 32: All
Section 33: W/2
Section 35: E/2

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM,
All of sections 1 thru 28 inclusive
Section 29: N/2
Section 30: N/2
All of sections 33 thru 36 inclusive

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM,
All of sections 1 thru 18 inclusive and sections 23 & 24
Section 25: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM,
Section 1: All
Section 2: E/2 & NW/4
Section 3: N/2
Section 4: N/2
Section 5: E/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM,
All of sections 18, 19, & 30

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM,
Section 12: All (partial)
All of sections 13 thru 16, 21 thru 28, and 31 thru 36

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM,
All of sections 19 thru 22, and 26 thru 36

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM,
Section 9: All (partial)
Section 10: All (partial)
All of sections 15 and 16
Section 17: E/2
Section 20: E/2
All of sections 21 thru 27
Section 28: E/2
Section 33: E/2
All of sections 34, 35, & 36

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM,
All of sections 27, 28, 33, & 34

- (m) Extend the South Los Pinos-Dakota Pool to include:

TOWNSHIP 31 NORTH, RANGE 7 WEST, NMPM,
Section 13: All
Section 14: S/2
Section 23: N/2

CASE 1861:

Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and the extension of existing pools in Lea and Eddy Counties, New Mexico.

- (a) Create a new oil pool designated as the Fowler-Upper Silurian Pool and described as:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM,
Section 22: E/2

- (b) Create a new oil pool designated as the West Crossroads-Devonian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM,
Section 31: SE/4

- (c) Create a new gas pool designated as the East Hightower-Devonian Gas Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM,
Section 30: NW/4 NE/4

- (d) Create a new gas pool designated as the Teague-Abo gas Pool, described as:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM,
Section 21: SE/4

- (e) Abolish the Baish-Abo Pool in Lea County, New Mexico, classified as an oil pool, described as:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM,
Section 21: SE/4

- (f) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM,
Section 1: NE/4

(g) Extend the Atoka-Pennsylvanian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM,
Section 22: NE/4 & S/2

(h) Extend the Four Lakes-Pennsylvanian Pool to include:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM,
Section 35: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM,
Section 2: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM,
Section 18: NW/4

(k) Extend the Shugart Pool to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM,
Section 4: NE/4

CASE 1863:

Application of Phillips Petroleum Company for an exception to the no-flare provision of Order R-1427. Applicant, in the above-styled cause, seeks an exception to the no-flare provision of Order R-1427 for five wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.

CASE 1864:

Application of Skelly Oil Company for an exception to the no-flare provision of Order R-1427. Applicant, in the above-styled cause, seeks a 30-day exception to the no-flare provision of Order R-1427 for 21 wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.

(over)

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CONTINUED FROM EXAMINERS HEARING

CASE 1841:

Application of Sinclair Oil & Gas Company for the creation of a new pool in the Potash-Oil Area and for the promulgation of special rules and regulations pertaining thereto. Applicant, in the above-styled cause, seeks an order creating a new pool for Yates production in the Potash-Oil Area as defined by Order R-111-A, said pool to comprise the SE/4 NW/4 of Section 16, Township 20 South, Range 33 East, Lea County, New Mexico, and such other acreage as may reasonably be proven productive from the same common source of supply. Applicant further seeks the promulgation of special rules and regulations for said pool as follows:

A. Cable Tool Casing Program.

Same as Order R-1078 for Teas Pool.

B. Rotary Tool Casing Program.

Surface casing set at 600 feet and cement circulated. No salt protection string. Production casing to be set through pay from 3146 feet to 3232 feet (approximately) with cement circulated to at least 50 feet into surface casing.

NEW CASE

CASE 1865

Application of Pan American Petroleum Corporation for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks a 30-day exception to the "no-flare" provision of Order R-1427 for 7 wells in the Bisti-Lower Gallup Oil Pool and 4 wells in the Gallegos-Gallup Oil Pool, San Juan County, New Mexico.

**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. 1861
Order No. R-1572**

**THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, EXTENDING, AND
ABOLISHING CERTAIN POOLS IN
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 January 13, 1960, 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 January, 1960, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Upper Silurian formation, with vertical limits from the bottom of the Devonian to the top of the Fusselman formations, said pool to bear the designation Fowler-Upper Silurian Pool. Said Fowler-Upper Silurian Pool was discovered by Pan American Petroleum Corporation, South Mattix Unit Well No. 3, located in the NE/4 of Section 22, Township 24 South, Range 37 East, NMPM. It was completed in Upper Silurian February 11, 1959. The top of perforations is at 7180 feet.
- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Devonian

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Case No. 1861
Order No. R-1572

formation, said pool to bear the designation West Crossroads-Devonian Pool. Said West Crossroads-Devonian Pool was discovered by The Pure Oil Company, Federal "D" Well No. 1, located in the SE/4 of Section 31, Township 9 South, Range 36 East, NMPM. It was completed November 14, 1959. The top of perforations is at 12,003 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Devonian formation, said pool to bear the designation East Hightower-Devonian Gas Pool. Said East Hightower-Devonian Gas Pool was discovered by Santiago Oil and Gas Company, State Well No. 1, located in the NW/4 of the NE/4 of Section 30, Township 12 South, Range 34 East, NMPM. It was completed February 3, 1959. The top of perforations is at 12,899 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation Teague-Abo Gas Pool. Said Teague-Abo Gas Pool was discovered by Gulf Oil Corporation, G. G. Travis Well No. 1 located in the SE/4 of Section 21, Township 23 South, Range 37 East, NMPM. It was completed September 16, 1959. The top of perforations is at 6764 feet.

(6) That there is need to abolish the Saish-Abo Pool in Lea County, New Mexico, due to an overlap with the Maljamar-Abo Pool, Lea County, New Mexico.

(7) That there is need for certain extensions to the Atoka-Pennsylvanian Gas Pool, the West Hamshaw-Grayburg Pool, the East Millman-Queen-Grayburg Pool, and the Stungart Pool, all in Eddy County, New Mexico; and to the Allison-Pennsylvanian Pool and the Four Lakes-Pennsylvanian Pool, both in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 22: E/2

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 31: SE/4

-3-
Case No. 1861
Order No. R-1572

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Devonian production, be and the same is hereby created and designated as the East Hightower-Devonian Gas Pool, consisting of the following-described area:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NUPH
Section 30: W/2 NE/4

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NUPH
Section 21: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NUPH
Section 21: SE/4

be and the same is hereby abolished.

(f) 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 2 SOUTH, RANGE 36 EAST, NUPH
Section 1: NE/4

(g) That the Atoka-Pennsylvanian Gas 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, NUPH
Section 27: NE/4 and S/2

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

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NUPH
Section 35: SE/4

-4-

Case No. 1861
Order No. R-1872

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 2: SW/4

(j) 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 29 EAST, NMPM
Section 18: NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 11: SW/4

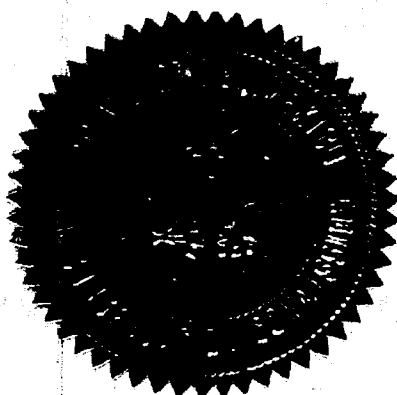
(k) That the Shugart Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
Section 4: NE/4 and S/2

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, extensions, and abolishments included herein shall be February 1, 1960.

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



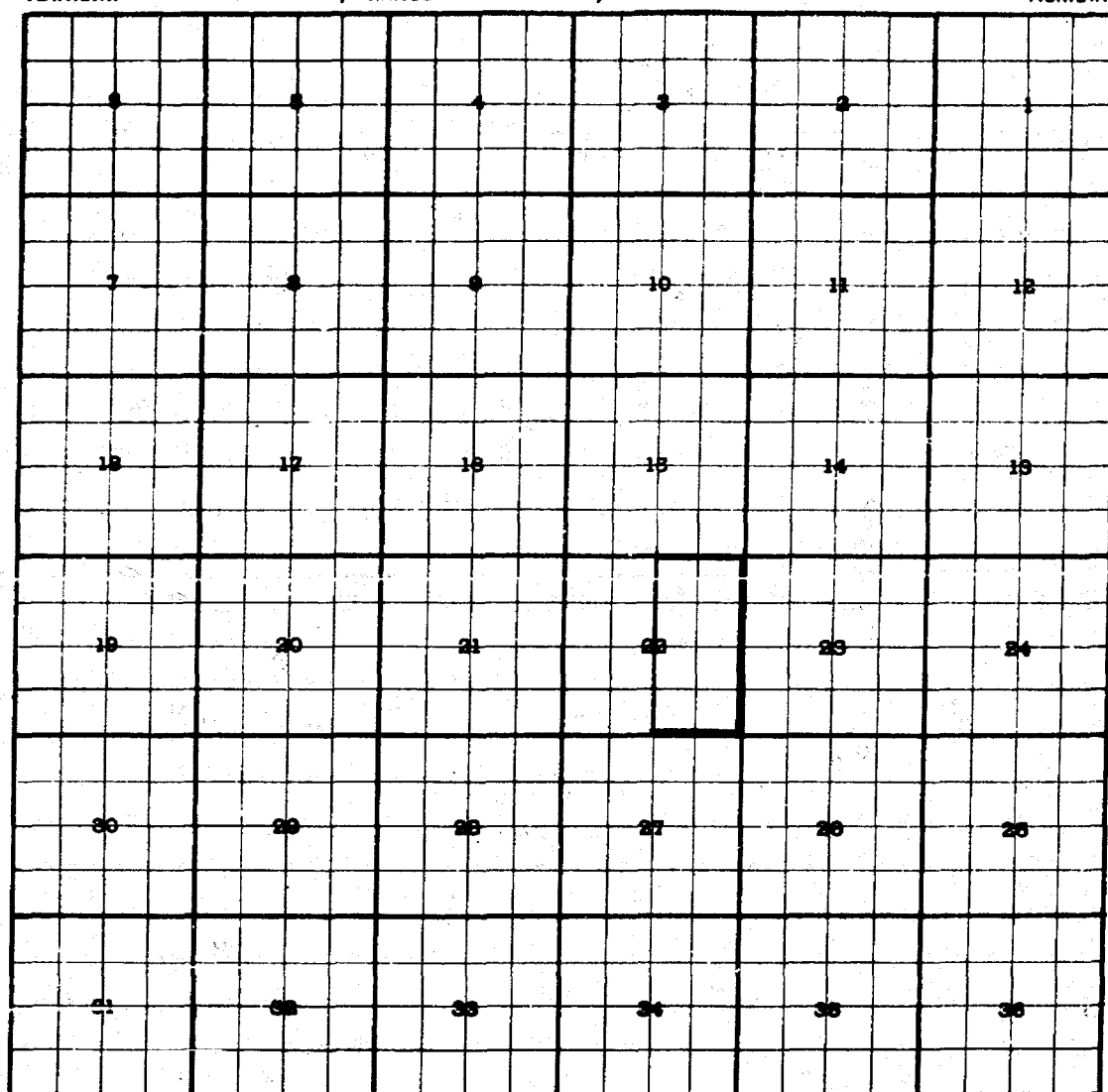
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

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

ven/

County LEAPool FOWLER-UPPER SILURIANTOWNSHIP 24 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

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

DISCOVERY WELL: Pan American Petroleum Corp. - South Mattix Unit No. 3
in Unit B of Section 22-T24S-R37E. Completed in Silurian
February 11, 1959. Top of perforations is at 7180'.
and, Pan American Petroleum Corp.- South Mattix Unit No. 13
in Unit I of Section 22-T23S-R37E. Completed in Silurian
August 5, 1959. Top of perforations is at 7296'.

Proposed pool boundary colored in red: SECTION 22: E/2
 (Vertical limits to be from bottom of Devonian to top of Fusselman)

County LEA Pool WEST CROSSROADS-DEVONIAN

TOWNSHIP 9 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

A 6x6 grid with numbers 1-36 and a 3x3 sub-grid in the bottom-left corner.

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

The bottom-left 3x3 sub-grid is defined by the intersection of the first three rows and the first three columns of the main grid.

PURPOSE: One (1) completed oil well capable of producing.

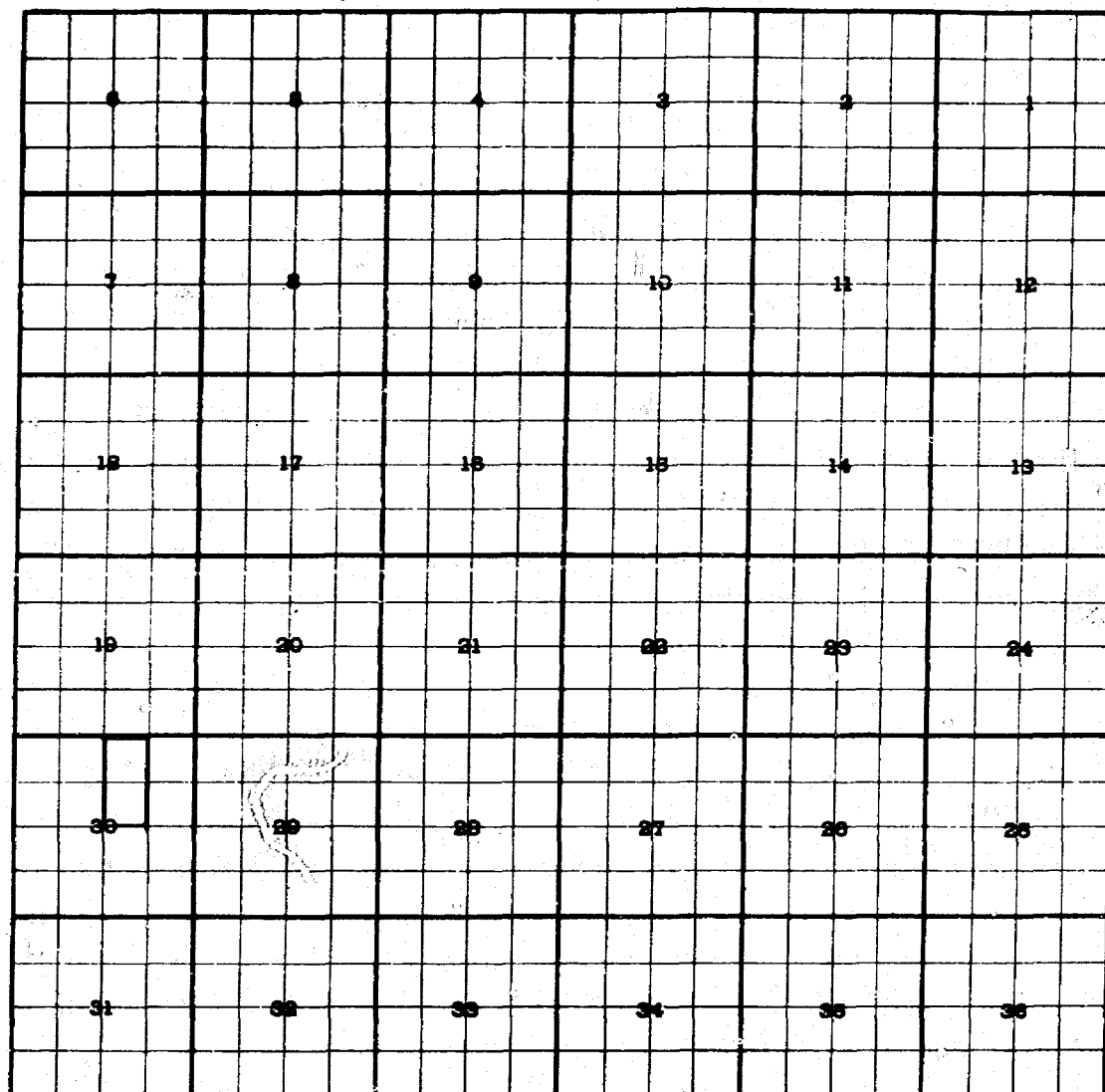
DISCOVERY WELL: The Pure Oil Company - Federal "D" No. 1 in Unit P of
Section 31-T9S-R36E. Completed in Devonian November 14, 1959.
Top of perforations is at 12,003 feet.

Proposed pool boundary colored in red. SECTION 31: SE/4

CASE 1861: (c) CREATION OF A GAS POOL.

County LEA Pool EAST HIGHTOWER-DEVONIAN GAS

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



PURPOSE: One (1) completed gas well capable of producing.

DISCOVERY WELL: Santiago Oil & Gas Co. - State No. 1-30 in Unit B of
Section 30-T12S-R34E. Completed in Devonian on
February 3, 1959. Top of perforations is at 12899 feet.

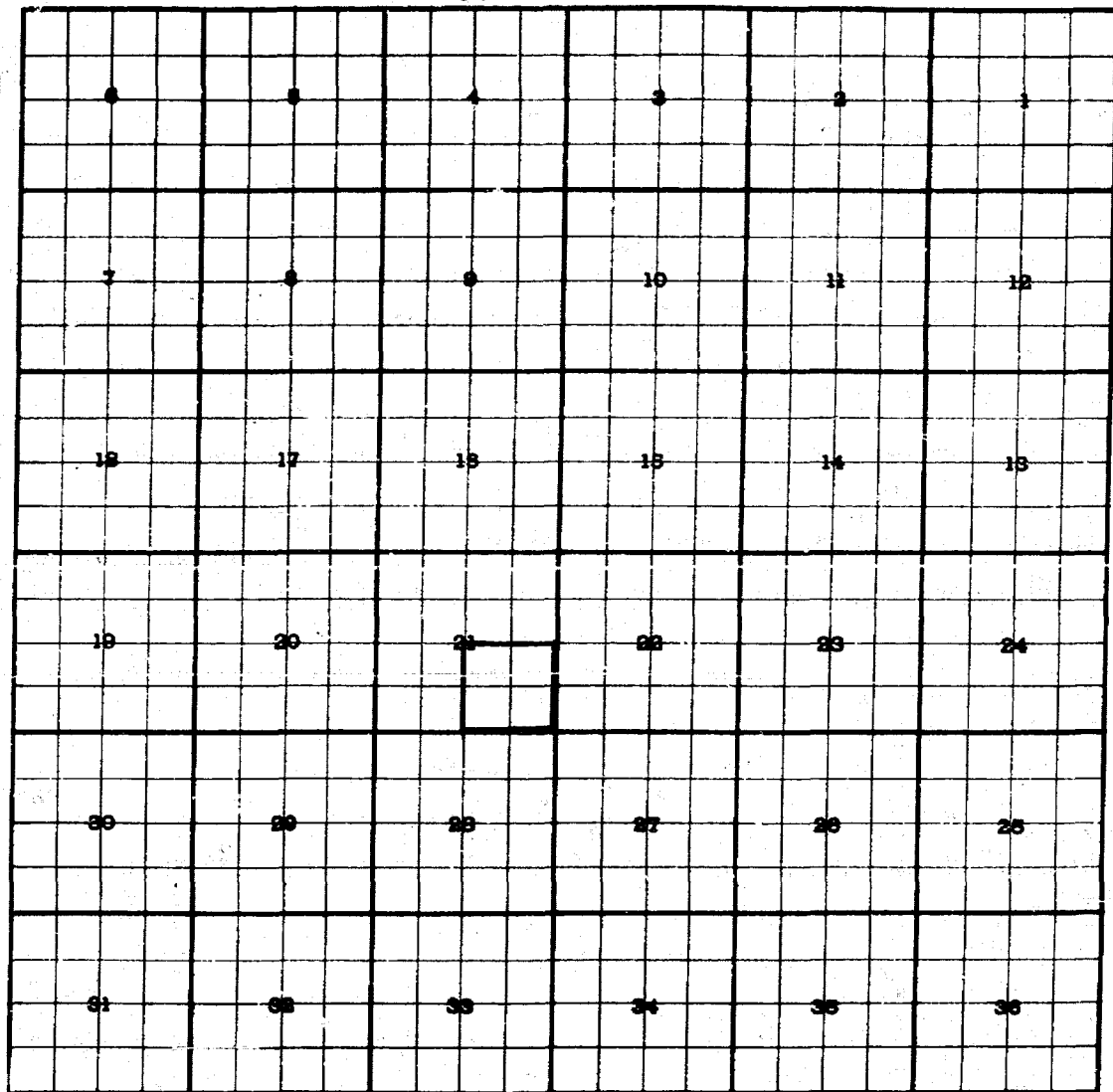
Proposed pool boundary colored in red. SECTION 30: NW/4 NE/4

ADDITION SECTION 30: SW/4 NE/4

Additional acreage is to cover 80 acre dedication which is Section 30: W/2 NE/4

County LEA Pool TEAGUE-ABO GAS

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



PURPOSE: One (1) completed gas well capable of producing. (40 acres dedicated)

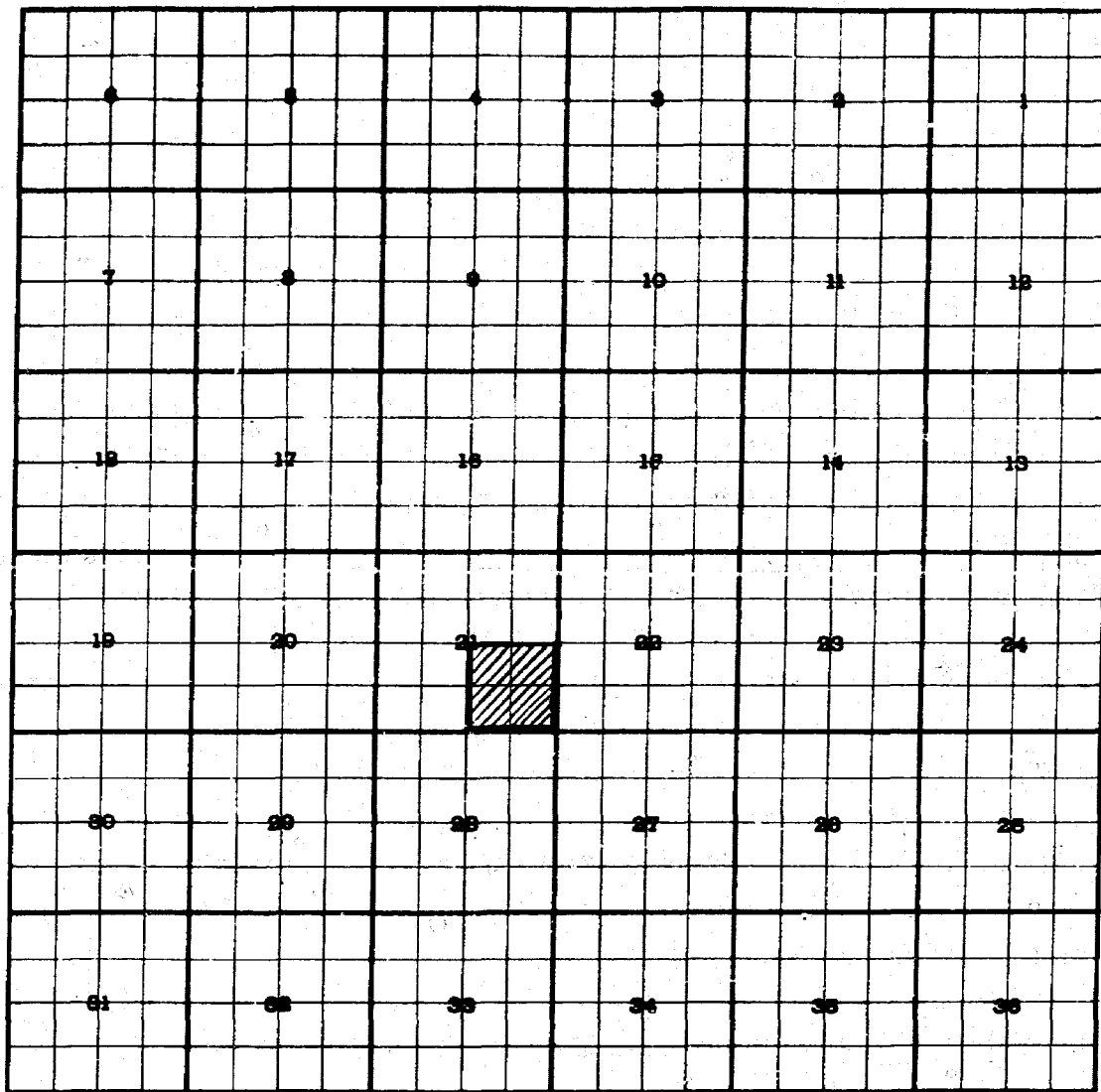
DISCOVERY WELL: Gulf Oil Corporation - G. G. Travis No. 1 in Unit I of
Section 21-T23S-R37E. Completed in Abo Sept. 16, 1959.
Top of perforations - 6764'. IPF 2,602 MCFGPD

Proposed pool boundary colored in red. SECTION 21: SE/4

CASE 1861: (e) ABOLISHMENT OF AN OIL POOL.

County LEA Pool BAISH-ABO

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



PURPOSE: To eliminate an overlap with the MALJAMAR-ABO POOL.

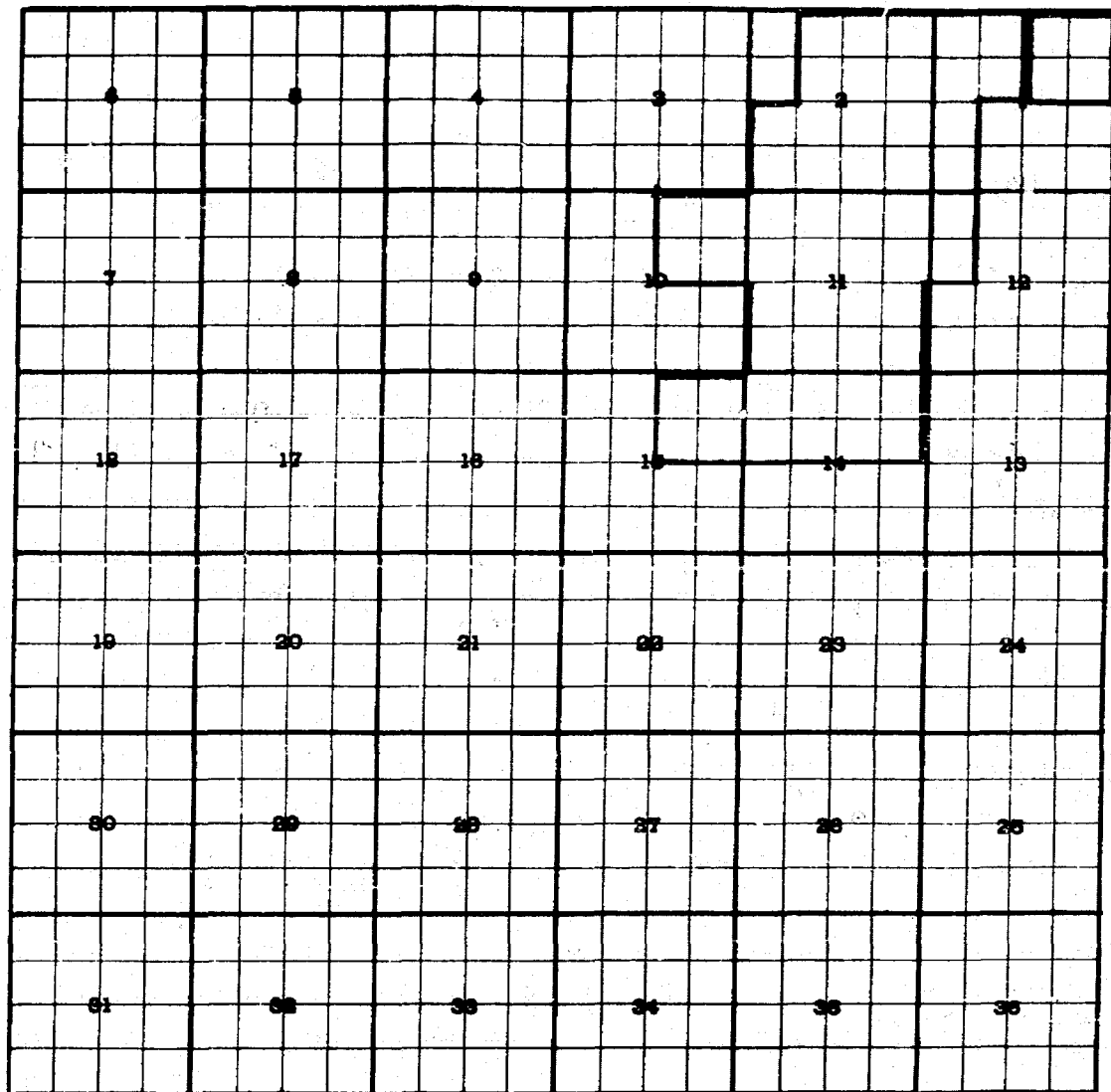
Pool boundary colored in red. SECTION 21: SE/4

Proposed abolishment colored in blue. SECTION 21: SE/4

CASE 1861: (f) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool ALLISON-PENNSYLVANIAN

TOWNSHIP 9 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One (1) completed oil well capable of producing.

Gordon M. Cone - King No. 1 in Unit H of Section 1-T9S-R36E.

Completed in Bough "C" (Pennsylvanian) November 13, 1959.

Top of perforations - 9600'. (R-1389B provides for 80 acre spacing)

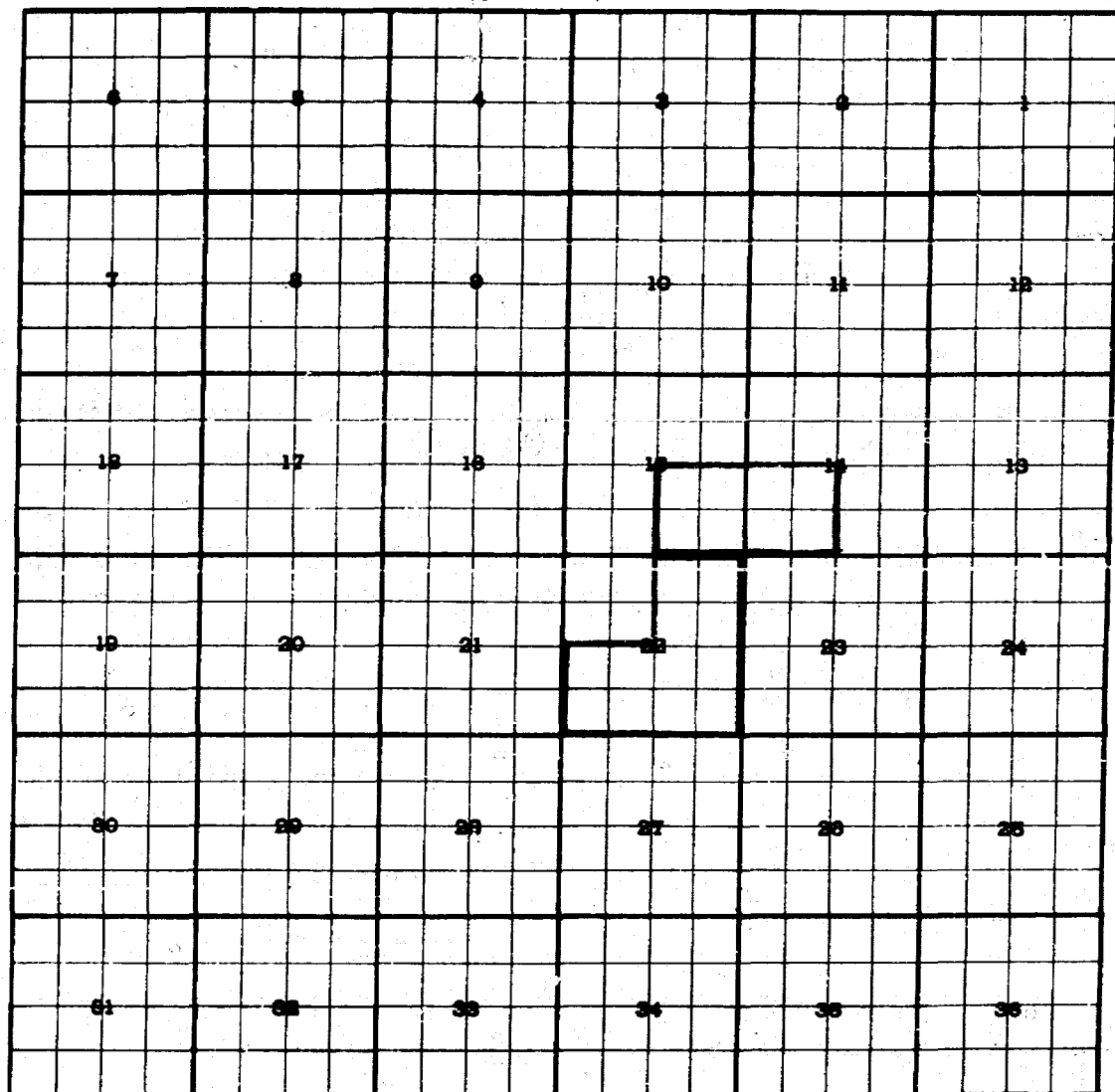
Pool boundary colored in red.

Proposed extension colored in green. SECTION 1: NE/4 (E/2 NE/4 dedicated)

CASE 1861: (g) EXTENSION OF AN EXISTING GAS POOL.

County EDDY Pool ATOKA-PAENSYLVANIAN GAS

TOWNSHIP 18 South, RANGE 26 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One (1) completed gas well capable of producing.

Pan American Petroleum Corporation - W. E. Flint No. 1 in Unit J of
Section 22-T18S-R26E. Completed
in Pennsylvanian January 1, 1959.
Top of perforations - 9094'.

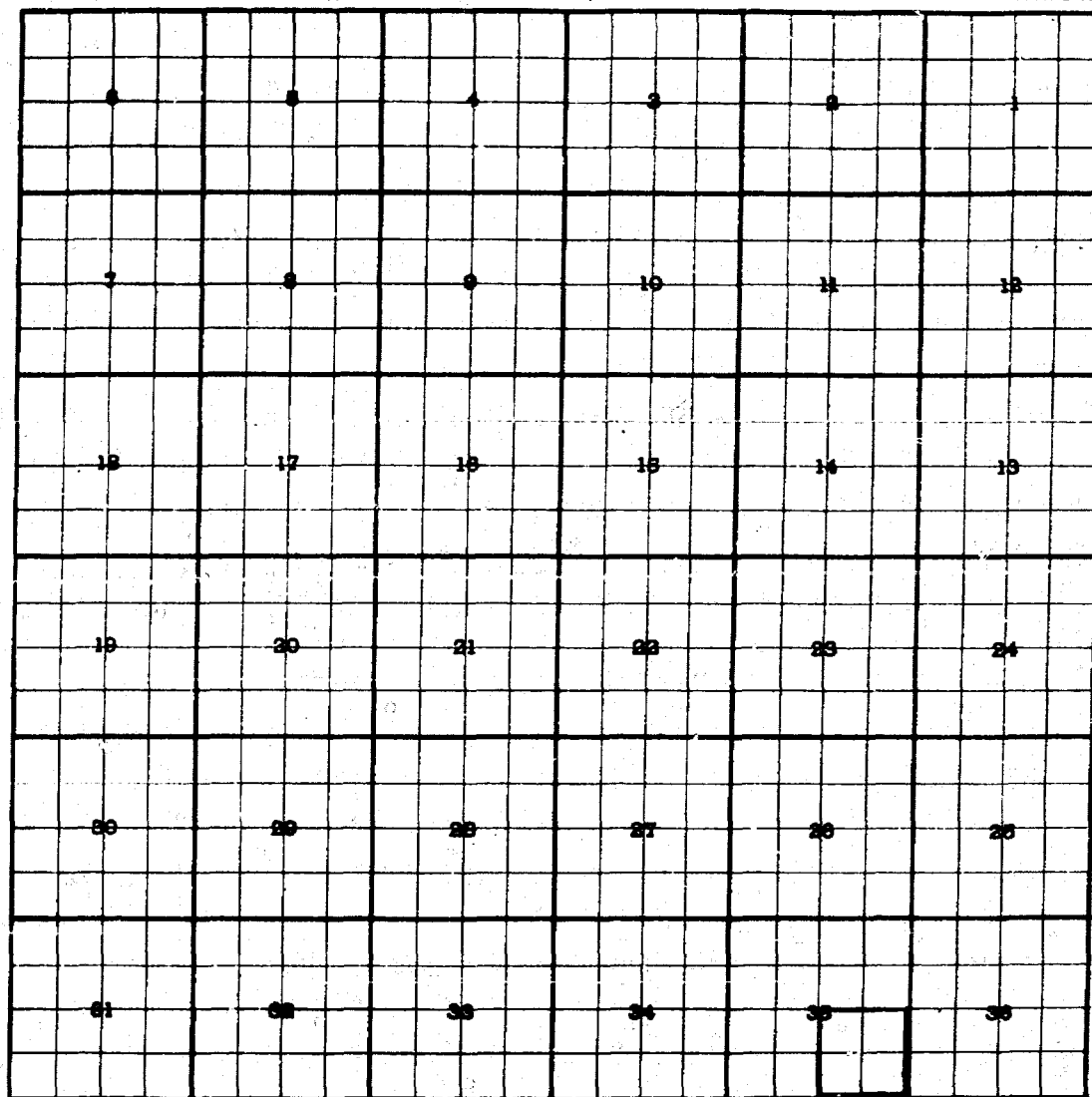
Pool boundary colored in red.

Proposed extension colored in green. SECTION 22: NE/4 & S/2

CASE 1861: (h) EXTENSION OF AN EXISTING OIL POOL.

County LEA Pool FOUR LAKES-PENNSYLVANIAN

TOWNSHIP 11 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



T12S - R34E

PURPOSE: One (1) recompleted oil well capable of producing. (Formerly 4-Lakes Bev.)

Humble Oil & Refining Company - South Four Lakes Unit I No. 4 in Unit O
of Section 35-T11S-R34E. R completed in
Pennsylvanian November 23, 1959.
Top of perforations - 9884'.

Pool boundary colored in red,

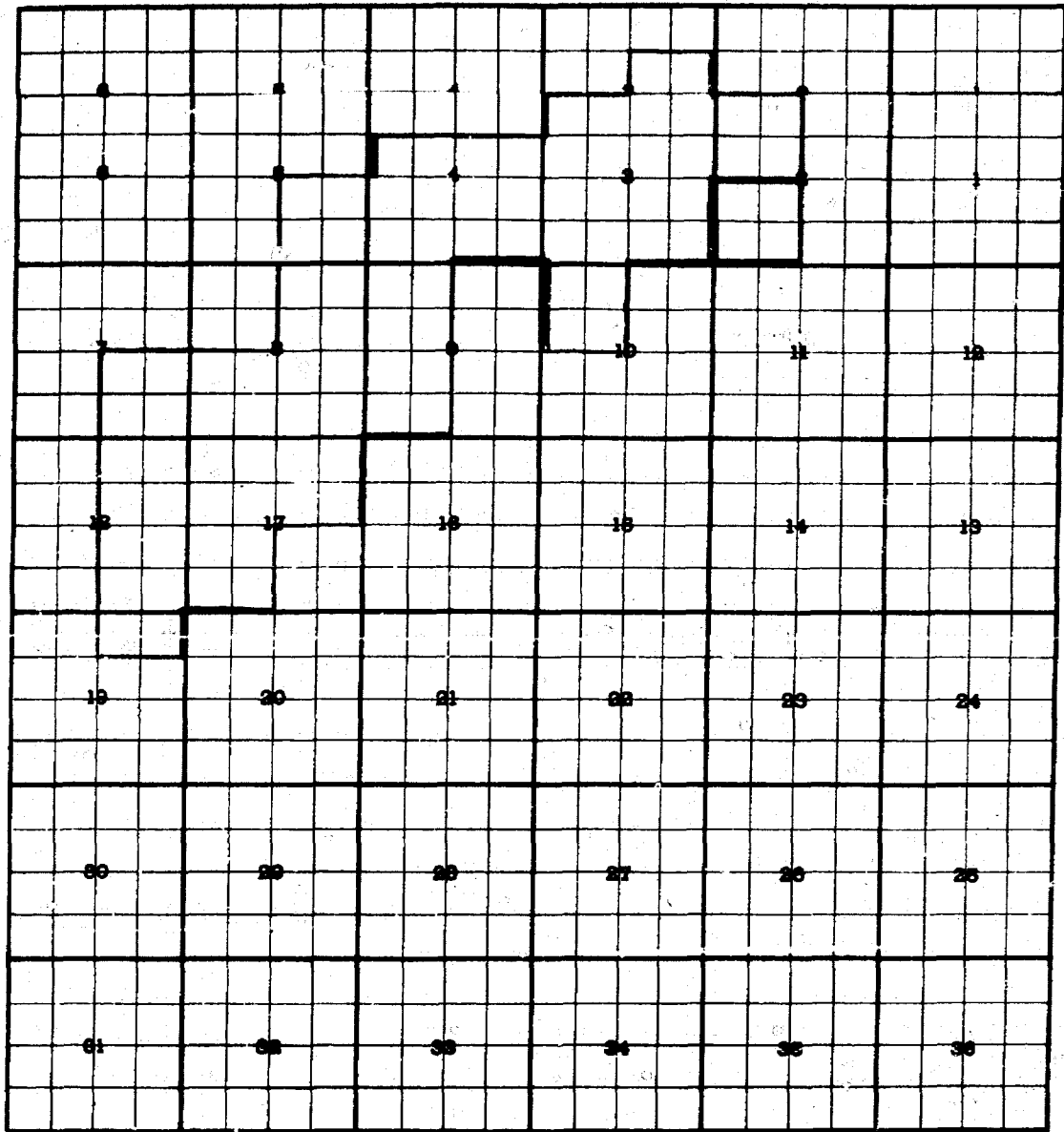
Proposed extension colored in green. SECTION 35: SE/4

(This proposed extension is contiguous to Four Lakes-Penn. Pool in T12S-R34E)

CASE 1861: (i) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool WEST HENSHAW-GRAYBURG

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



PURPOSE: One (1) completed oil well capable of producing.

Humble Oil & Refining Company - N. M. State "BC" No. 1 in Unit 1 of
Section 2-T16S-R30E. Completed in
Grayburg November 17, 1959. Top of
perforations - 2919'.

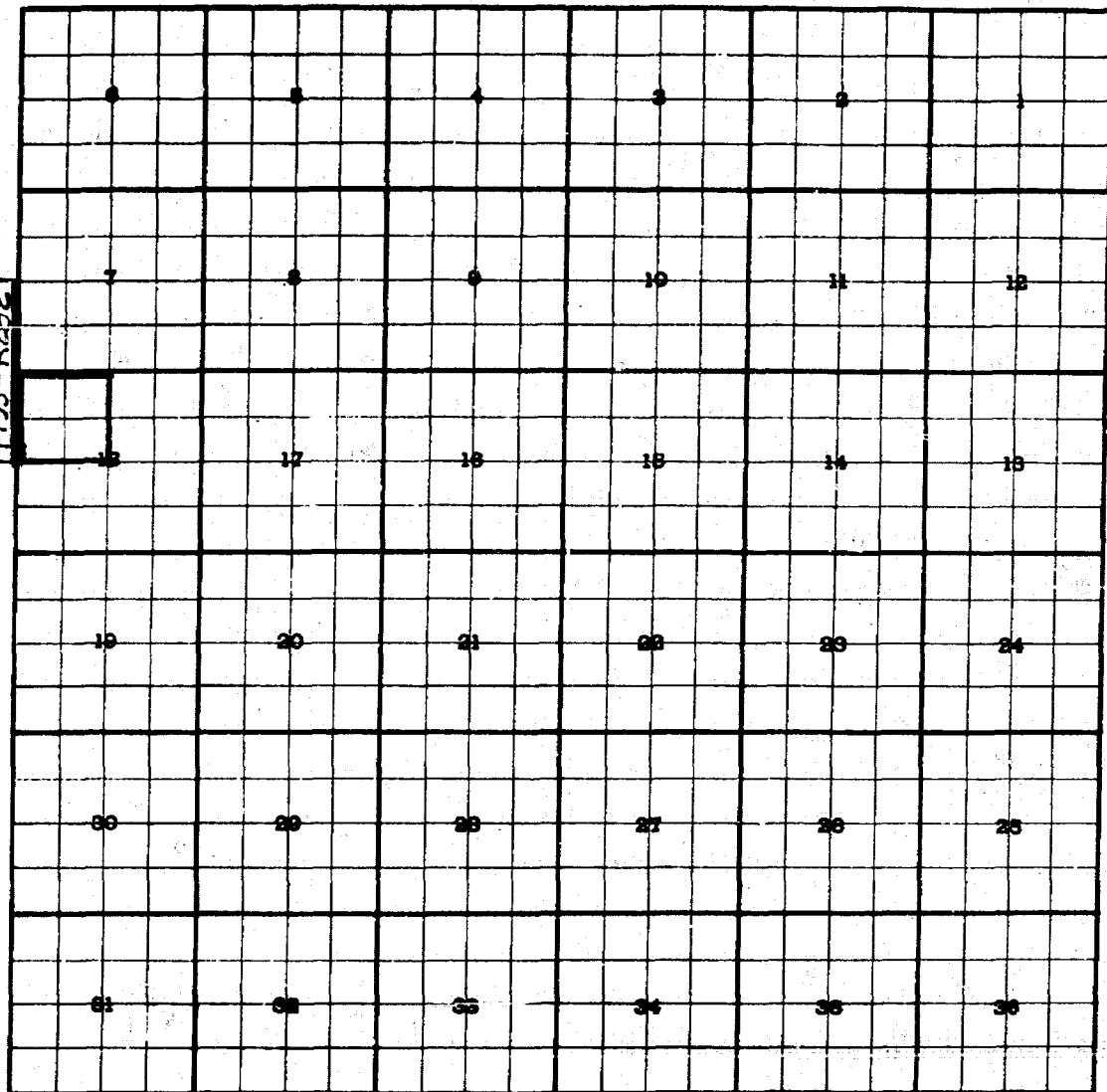
Pool boundary colored in red.

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

CASE 1861: (j) EXTENSION OF AN EXISTING OIL POOL.

County EDDY Pool EAST MILLMAN-QUEEN-GRAYBURG

TOWNSHIP 19 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One (1) completed oil well capable of producing.

John A. Yates - Campbell-Gwaltney No. 1 in Unit D of Section 18-T19S-R29E.

Completed in Queen-Grayburg November 24, 1959.

Top of perforations - 1810'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 18: NW/4

(Proposed extension is contiguous to East Millman-Queen-Grayburg Pool in T19S-R28E.)

ADDITIONAL EXTENSION ON NEXT PAGE.

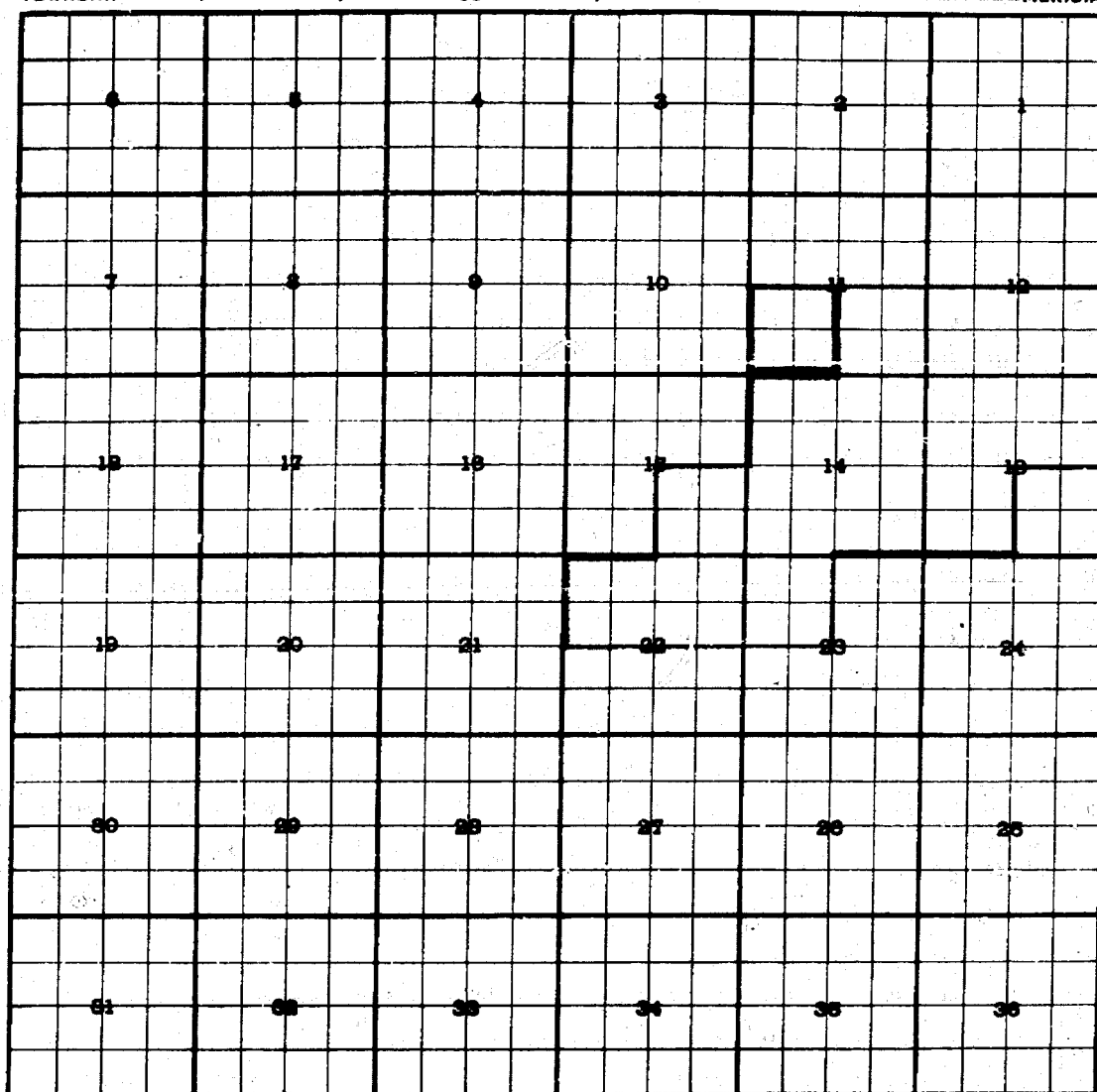
THIS IS IN ADDITION TO (j)

CASE 1861: (j) ADDITIONAL EXTENSION TO AN EXISTING POOL.

County EDDY

Pool EAST MILLMAN-QUEEN-GRAYBURG

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



PURPOSE: One (1) completed oil well capable of producing.

Western-Yates - State 648 Tract 15 No. 155 in Unit N of Section 11-T19S-R28E.

Completed in Queen-Grayburg December 7, 1959.

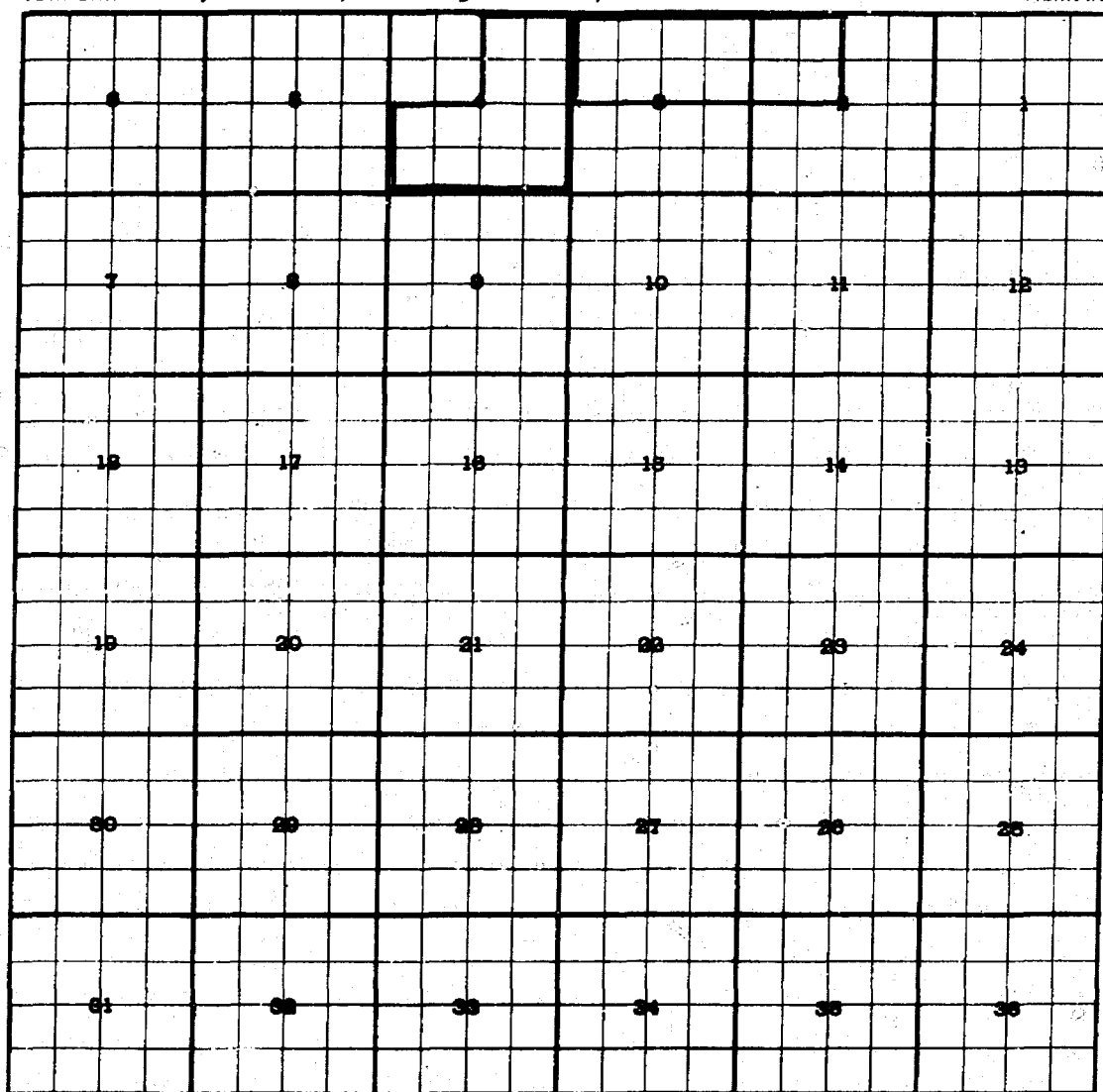
Top of perforations - 1822'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 11: SW/4

County EDDY Pool SHUGART

TOWNSHIP 19 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



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

Carper Drilling Company, Inc. - Welch No. 1 in Unit B of Section 4-T19S-R31E.

Completed in Queen November 12, 1959. Top of perforations - 3360'.

ADDITION: Cherry Brothers - Featherstone Federal No. 1 in Unit J of Section 4-T19S-R31E.

Completed in Queen December 14, 1959. Top of perforations - 3353'.

ADDITION: Texas Seaboard, Inc. - B. I. Hanson Federal No. 1 in Unit K of Section 3-T19S-R31E.

Completed in Queen December 19, 1959. Top of perforations - 3392'.

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 4: NE/4)

ADDITION-----SECTION 4: SE/4) or SECTION 4: NE/4 & S/2

ADDITION-----SECTION 4: SW/4)