

Case No.

1444

Application, Transcript,  
Small Exhibits, Etc.

CASE 144 SOUTHEASTERN  
NEW MEXICO POWER & LIGHT

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. 1444  
Order No. R-1179

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 14, 1958, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Com-mission."

NOW, on this 26<sup>th</sup> day of May, 1958, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation West Crossroads-San Andres Pool. Said West Crossroads-San Andres Pool was discovered by Jack Markham Magnolia Glenn Well No. 1, located in the SW/4 SW/4 Section 21, Township 9 South, Range 35 East, NMPM. It was completed March 22, 1958. The top of the perforations is at 4,801 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation Shugart-Pennsylvanian Gas Pool. Said Shugart-Pennsylvanian Gas Pool was discovered by Pan American Petroleum Corporation Greenwood Unit Well No. 2, located in the SW/4 NE/4 Section 34, Township 18 South, Range 31 East, NMPM. It was completed January 8, 1958. The top of the perforations is at 10,912 feet.

(4) That there is need for certain extensions to the Atoka-Grayburg Pool and the North Shugart-Grayburg Pool both in Eddy County, New Mexico, to the Jalmat Gas Pool, the Justis-Drinkard Pool, the Justis-McKee Pool, the Pearl-Queen Pool, the Roberts Pool, the Townsend-Wolfcamp Pool and the Warren-McKee Pool all in Lea County, New Mexico, to the Milnesand-Pennsylvanian Pool in Roosevelt County, New Mexico, and to the Caprock-Queen Pool in Chaves and Lea Counties, New Mexico. Further, that the proposed creation of a new gas pool for Pennsylvanian production in Lea County, New Mexico, to be known as the South Salt Lake-Pennsylvanian Gas Pool, should be dismissed pending determination of the exact producing horizon. Further, that there is need to delete certain portions of the Forrest Pool and the Square Lake Pool both in Eddy County, New Mexico, and that part of the deletion from the Forrest Pool should be added to the Square Lake Pool in order to correct an overlap of the pool boundaries since both pools produce in part from the same formation.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
Section 21: SW/4

(b) That the proposed creation of a new pool in Lea County, New Mexico, classified as a gas pool for Marrow Sand Pennsylvanian production, and designated as the South Salt Lake-Pennsylvanian Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM  
Section 25: SE/4

be and the same is hereby dismissed.

(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 Shugart-Pennsylvanian Gas Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 34: NE/4

(d) That the Atoka-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 26 EAST, NMPM  
Section 13: SW/4 NE/4

(e) That the Caprock-Queen Pool in Chaves and Lea Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM  
Section 29: W/2 NW/4

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 20: E/2 SE/4

(f) That the Jaimat 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 11: SW/4

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 10: SW/4

(g) That the Justis-Drinkard 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

(h) 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 13: S/2 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 28: S/2 E NE/4  
Section 29: S/2  
Section 30: SE/4  
Section 31: NE/4

(j) That the Roberts 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 9: W/2 SW/4

(k) That the North Shugart-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 9: SE/4  
Section 10: SW/4  
Section 15: N/2 NW/4

(l) That the Forrest 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 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4, N/2 SE/4, and SE/4 SE/4

(m) 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 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: SW/4 SE/4

(n) 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 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4

(o) That the Townsend-Wolfcamp 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 36 EAST, NMPM  
Section 6: Lots 1, 2, 7, and 8

(p) That the Warren-McKee 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 19: SW/4 NE/4

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

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
Section 18: SE/4 E N/2 NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and of all the creations, extensions and contractions included herein shall be June 1, 1958.

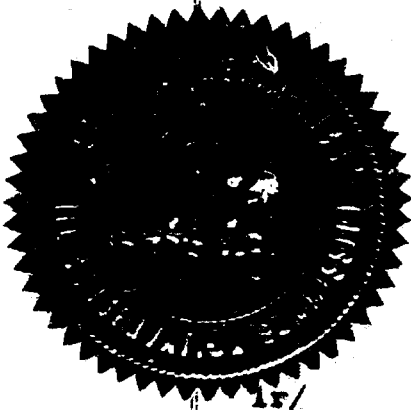
DONE at Santa Fe, New Mexico, on the day and year herein above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*E. J. Meehan*  
Edwin L. Meehan, Chairman

*Murray E. Morgan*  
Murray E. Morgan, Member

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



BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
May 14, 1958

IN THE MATTER OF:

CASE NO. 1444

TRANSCRIPT OF HEARING

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
May 14, 1958

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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, Eddy, Chaves and Roosevelt Counties, New Mexico.

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
Section 21: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM  
Section 25: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 34: NE/4

(d) Extend the Atoka-Grayburg Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 13: SW/4 NE/4

(e) Extend the Caprock-Queen Pool to include:

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM  
Section 29: W/2 NW/4

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 20: E/2 SE/4

(f) Extend the Jalmat Gas Pool to include:



TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM  
Section 11: SW/4

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 10: SW/4

- (g) Extend the Justis-Drinkard Pool to include:

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

- (h) Extend the Justis-McKee Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 13: S/2 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 28: S/2 & NE/4  
Section 29: S/2  
Section 30: SE/4  
Section 31: NE/4

- (j) Extend the Roberts Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
Section 9: W/2 SW/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 9: SE/4  
Section 10: SW/4  
Section 15: N/2 NW/4

- (l) Contract the Forrest Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4, N/2 SE/4 and SE/4 SE/4

- (m) Contract the Square Lake Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: SW/4 SE/4

(n) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4

(o) Extend the Townsend-Wolfcamp Pool to include:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 6: Lots 1, 2, 7 & 8.

(p) Extend the Warren-McKee Pool to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 19: SW/4 NE/4

(q) Extend the Milnesand-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
Section 18: SE/4 & N/2 NW/4

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CASE NO. 1445

BEFORE:

A. L. Porter  
~~Murray Morgan~~

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Now, due to the necessity of our star witness having to leave for Hobbs, we are going to call Case No. 1444.

MR. PAYNE: Case 1444. Southeastern New Mexico Non-enclature case calling for an order for the creation of new pools and the extension of existing pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

(Witness sworn.)

E. J. FISCHER

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 E. J. Fischer, District Engineer for the New Mexico Oil Conservation Commission in Hobbs.

Q Mr. Fischer, in your official capacity have you had an opportunity to make a study concerning the creation of new pools and extension and contraction of existing pools in Lea, Eddy, Chaves and Roosevelt Counties?

A I have not myself made the study, but have been advised by our geologist of the study.

Q Mr. Fischer, what recommendations do you have concerning the creation of a new oil pool for San Andres production?

A I recommend that the Commission create a new oil pool for San Andres production and so designate it as the West Crossroads-San Andres Pool. The reason for this being the discovery well of Jack Markham-Magnolia Glenn No. 1 in Unit M, Section 21, 9, 35, completed in the San Andres. Top of perforation, 4801, completed on 3/22/58.

Q What do you recommend as the horizontal and vertical limits of this proposed pool?

A I recommend the SW/4 of Section 21, Township 9 South, Range 35 East. That comprises the present limits of that pool.

MR. PORTER: What about the vertical limits.

Q (By Mr. Payne) What do you recommend as the vertical limits?

A I recommend the vertical limits be the San Andres Formation.

Q Mr. Fischer, what recommendations do you have concerning the creation of a new gas pool for Pennsylvanian production?

A I recommend that a new pool for Pennsylvanian production be created, and in line with that, it was advertised to be called the Halfway-Pennsylvanian Gas Pool, and I recommend that we change that to the South Salt Lake Pennsylvanian Gas Pool because it would be more in line with the nomenclature. The discovery well on that pool was the Texas Company's Audie Richards No. 1 in Unit P of Section 25, Township 20 South, Range 32 East, completed in the Marrow Sand of the Pennsylvanian formation, with top of perforation, 12,909 feet. Completion date, 1/20/58. I recommend that the Marrow Sand of the Pennsylvanian formation comprise the vertical limits and the horizontal limits to be the SE/4 of Section 25, 20, 32.

Q Does the Marrow Sand comprise the entire Pennsylvanian formation?

A No.

Q Are the vertical limits of this pool readily distinguishable?

A They are, and for reasons, I propose they use the log of this Texas Company's Audie Richards No. 1.

Q Mr. Fischer, what are your recommendations concerning the

creation of a new gas pool in Eddy County, New Mexico?

A I recommend that a new gas pool be created in Eddy County as advertised, and called the Shugart-Pennsylvanian Gas Pool. The discovery well for this pool is the Pan American Petroleum Company's Greenwood Unit No. 2 in Unit G of Section 34, Township 18 South, Range 31 East, completed 1/8/58 in the Pennsylvanian formation, with the top perforation at 10,912 feet. The vertical limits to include the Pennsylvanian formation, and the horizontal limits to include at the present time the NE/4 of this said Section 34, 18, 31.

Q Mr. Fischer, what are your recommendations concerning extension of the Atoka-Grayburg Pool?

A I recommend that the Atoka-Grayburg Pool be extended as advertised.

Q What is the reason for this recommendation, Mr. Fischer?

A The reason for extending the Atoka-Grayburg Pool as advertised is because of one well completed in this pool capable of producing from this formation, that being the Standard Oil Company of Texas V. L. Leavitt No. 2 in Unit G of Section 13, Township 18 South, Range 26 East, and completed in the Premier Sand. Top of perforation, 990 feet.

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

A I recommend that the Caprock-Queen Pool be extended as advertised.

Q And for what reason, Mr. Fischer?

A For the reason of this Chambers & Kennedy State A No. 1 in Unit D being completed in the Caprock-Queen Pool -- the Queen sand rather, of the Caprock Queen in Section 29, 13, 32.

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

A I recommend that it be extended as advertised on the basis of three wells completed in this pool.

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

A I recommend that it be extended as advertised on the basis of two wells completed in this pool.

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

A I also recommend that this pool be extended as advertised on the basis one one well completed in the Justis Pool.

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

A I recommend that pool be extended as advertised on the basis of three wells completed in this pool.

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

A That it be extended as advertised on the basis of one well completed in this pool.

Q What are your recommendations concerning extension of the

North Shugart-Grayburg Pool?

A I recommend it be extended as advertised on the basis of two wells completed in this pool.

Q What are your recommendations concerning the contracting of the Forrest Pool?

A I recommend that it be contracted as advertised to eliminate an overlap of the Forrest and Square Lake Pools.

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

A I recommend it be contracted as advertised to eliminate an overlap of the Square Lake and Forrest Pool.

Q Are the vertical limits of the Forrest and Square Lake Pool the same?

A They are.

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

A I recommend it be extended as advertised on the basis of one well completed in this pool and capable of producing from this pool.

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

A I recommend it be extended as advertised on the basis of one well completed and capable of producing from this pool.

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

A I recommend also that this pool be extended as advertised on the basis of one well completed in this pool.

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

A I recommend it be extended as advertised on the basis of two wells capable of producing from this pool.

Q Have you, Mr. Fischer, prepared exhibits substantiating your recommendations?

A I have.

Q How are they identified?

A They start out from A and go through Exhibit Q.

MR. PAYNE: Mr. Commissioner, at this time I move that Exhibits A through Q in Case 1444 be received in evidence.

MR. PORTER: My Payne, I believe there is a question about one of the exhibits, one of the paragraphs representing one exhibit. Mr. Nutter, do you have a question on that?

MR. NUTTER: Yes.

#### CROSS EXAMINATION

BY: MR. NUTTER:

Q Mr. Fischer, are you in a position at the present time to define the exact vertical limits of the proposed South Salt Lake Pennsylvanian Pool, what they should be?

A No. Like I say, this was not prepared by me, and the geologist is not here at this time.

Q And the proposal is that the vertical limits would consist



of the Morrow Sand, that being a body of the Pennsylvanian formation, is that correct?

A Yes.

Q But you have no log or an exhibit to depict the vertical limits of the pool to offer in evidence?

A No, I do not at this time. I wasn't given one.

Q Would it be possible to either continue or dismiss this case until we should have an exhibit?

MR. PORTER: You mean this Paragraph B?

MR. NUTTER: This particular part of the case, yes, sir.

Q (By Mr. Nutter) Would it be possible to do that?

A Well, I recommend then that it be dismissed until we can define the vertical limits of this pool.

MR. PAYNE: One of the exhibits is not here, is that correct?

A I have an exhibit for the horizontal limits of what is proposed, what we propose to call the South Lake Pennsylvanian Gas Pool.

MR. PAYNE: And that is Exhibit B?

A That is Exhibit B.

MR. PAYNE: Mr. Commissioner, I move that Exhibit A and Exhibit C through Q be received into evidence.

MR. PORTER: Without objection, they will be received, and Paragraph B will be dismissed and readvertised. Anyone have

a question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Anyone have anything further in the case?

Take the case under advisement and take a ten minute recess.

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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 Hearing before the New Mexico 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 21st day of May, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

  
NOTARY PUBLIC

My Commission Expires:

October 5, 1960

DOCKET: REGULAR HEARING MAY 14, 1958

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

- ALLOWABLE:**
- (1) Consideration of the oil allowable for June, 1958.
  - (2) Consideration of the allowable production of gas for June, 1958, for six prorated pools in Lea County, New Mexico, and also presentation of purchasers' nominations for the six-month period beginning July 1, 1958; consideration of the allowable production of gas from six prorated pools in San Juan and Rio Arriba Counties, New Mexico, for June, 1958.

NEW CASES

**CASE 977:** In the matter of the rehearing in Case 977, Order No. R-794-D upon the petition of Southern Union Gas Company, et al., to reconsider its application for the establishment of 320-acre drilling units in the Tapacito-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico.

**CASE 1439:** In the matter of the hearing called by the Oil Conservation Commission of New Mexico on its own motion to consider the institution of gas prorationing in the Tapacito-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico.

**CASE 1440:** Application of Skelly Oil Company for an order promulgating temporary special rules and regulations for the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating temporary special rules and regulations for the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, to provide for 80-acre proration units, well spacing, and such other provisions as the Commission may deem necessary and proper.

**CASE 1441:** Application of Pubco Petroleum Corporation for an order promulgating temporary special rules and regulations for the Verde-Gallup Oil Pool in San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating temporary special rules and regulations for the Verde-Gallup Oil Pool in San Juan County, New Mexico, to provide for 80-acre proration units, well spacing, and such other rules and regulations as the Commission may deem necessary and proper.

**CASE 1442:** Application of Pure Oil Company for the extension of the South Vacuum (Devonian) Pool and for the promulgation of special rules and regulations for said pool. Applicant, in the above-styled cause, seeks an order extending the horizontal limits of the South Vacuum (Devonian) Pool to include certain acreage in Township 18 South, Ranges 35 and 36 East; Township 19 South, Ranges 35 and 36 East, in Lea County, New Mexico. The applicant further proposes that

special rules and regulations for the South Vacuum (Devonian) Pool be promulgated incorporating, among other provisions, the establishment of 80-acre proration units in the South Vacuum (Devonian) Pool.

**CASE 1443:**

In the matter of the hearing called by the Oil Conservation Commission of New Mexico on its own motion to revise Rule 112 (a) to permit administrative approval of oil over gas and oil-oil dual completions under certain circumstances.

**CASE 1444:**

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

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

*Lea*

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
Section 21: SW/4

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

*Lea*

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM  
Section 25: SE/4

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

*Eddy x*

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 34: NE/4

- (d) Extend the Atoka-Grayburg Pool to include:

*Eddy x*

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 13: SW/4 NE/4

- (e) ✓ Extend the Caprock-Queen Pool to include:

*Chaves*

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM  
Section 29: W/2 NW/4

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 20: E/2 SE/4

- (f) Extend the Jalmat Gas Pool to include:

*Rec* ✓  
TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM  
Section 11: SW/4

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 10: SW/4

- (g) Extend the Justis-Drinkard Pool to include:

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

- (h) Extend the Justice-McKee Pool to include:

*Rec* ✓  
TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 13: S/2 SE/4

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

*Rec* ✓  
TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 28: S/2 & NE/4  
Section 29: S/2  
Section 30: SE/4  
Section 31: NE/4

- (j) Extend the Roberts Pool to include:

*Rec* ✓  
TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
Section 9: W/2 SW/4

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

*Eddy* ✓  
TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 9: SE/4  
Section 10: SW/4  
Section 15: N/2 NW/4

- (l) Contract the Forrest Pool by the deletion of the following described area:

*Eddy* ✓  
TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4, N/2 SE/4, and SE/4 SE/4

- (m) Contract the Square Lake Pool by the deletion of the following described area:

*Eddy* ✓  
TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: SW/4 SE/4

- (n) Extend the Square Lake Pool to include:

*See*  
TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 35: NE/4

- (o) Extend the Townsend-Wolfcamp Pool to include:

*See*  
TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 6: Lots 1, 2, 7 & 8

- (p) Extend the Warren-McKee Pool to include:

*See*  
TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 19: SW/4 NE/4

- (q) Extend the Milnesand-Pennsylvanian Pool to include therein:

*See*  
TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
Section 18: SE/4 & N/2 NW/4

CASE 1445:

Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan and Rio Arriba Counties, New Mexico.

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

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM  
Section 35: All

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 7: S/2

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

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM  
Section 4: S/2  
Section 9: All  
Section 10: NW/4  
Section 15: NW/4  
Section 16: N/2  
Section 17: All

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 31: SE/4

- (c) Extend the Gavilan-Pictured Cliffs Pool to include:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM

Section 6: NW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 1: E/2

TOWNSHIP 25 NORTH, RANGE 1 WEST, NMPM

Section 19: W/2

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 3: SW/4

Section 4: SE/4

Section 10: W/2 & NE/4

Section 13: S/2

Section 36: E/2

- (d) Extend the South Blanco-Pictured Cliffs Pool to Include:

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 8: N/2

Section 9: All

Section 14: SE/4

Section 22: S/2

Section 23: All

Section 24: SW/4

Section 25: N/2

Section 27: NW/4

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 3: W/2

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 21: S/2

Section 22: W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 34: S/2

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 4: All

Section 9: NW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 31: S/2

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 32: N/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 23: S/2

Section 26: N/2

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

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 1: SW/4

Section 2: S/2

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

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM

Section 5: SE/4

Section 8: NE/4

- (g) Extend the Otero Graneros-Dakota Pool to include:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 10: SW/4

Section 15: NW/4

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

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPM

Section 9: SW/4

Section 17: N/2

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM

Section 4: S/2

Section 9: NE/4

Section 12: S/2

Section 13: NE/4

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 10: NE/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM

Section 20: SW/4



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Docket No. 14-58

(i) Extend the Verde Gallup Oil Pool to include:

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM

Section 20: SW/4

Section 31: NW/4

ga

SF  
Hobbs  
Antonia  
Rosenfeld  
Porter

+ Roosevelt

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 existing pools in Lea, Eddy, and Chaves Counties, New Mexico, ~~and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.~~

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

Twp. 9 South, Range 35 east,  
SW/4 of Section 21

4

~~and such other, etc.~~

(b) Create a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Half-way Pennsylvanian Gas Pool, and described as:

Twp. 20 South, Range 32 East,  
SE/4 of Section 25

2X

~~and such other, etc.~~

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

Twp. 18 South, Range 31 East,  
NE/4 of Section 34

2X

~~and such other, etc.~~

(d) Extend the Atoka-Grayburg Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 18 South, Range 26 East,  
SW/4 NE/4 of Section 13

4

~~and such other, etc.~~

(e) Extend the Caprock Queen Pool boundary in Lea and Chaves Counties, New Mexico, to include therein:

Twp. 13 South, Range 32 East,  
W/2 NW/4 of Section 29

Twp. 14 South, Range 31 East,  
E/2 SE/4 of Section 20

4

~~and such other, etc.~~

(f) Extend the Jalmat Gas Pool boundary in Lea County, New Mexico, to include therein:

Twp. 22 South, Range 35 East,  
SW/4 of Section 11

Twp. 24 South, Range 36 East,  
SW/4 of Section 10

~~and such other, etc.~~

(g) Extend the Justis-Drinkard Pool boundary in Lea County, New Mexico, to include therein:

Twp. 25 South, Range 37 East,  
NW/4 of Section 24

~~and such other, etc.~~

(h) Extend the Justis-McKee Pool boundary in Lea County, New Mexico, to include therein:

Twp. 25 South, Range 37 East,  
S/2 SE/4 of Section 13

~~and such other, etc.~~

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

Twp. 19 South, Range 35 East,  
S/2 & NE/4 of Section 28  
S/2 of Section 29  
SE/4 of Section 30  
NE/4 of Section 31

~~and such other, etc.~~

(j) Extend the Roberts Pool boundary in Lea County, New Mexico, to include therein:

Twp. 17 South, Range 33 East,  
W/2 SW/4 of Section 9

~~and such other, etc.~~

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

Twp. 18 South, Range 31 East,  
SE/4 of Section 9  
SW/4 of Section 10  
N/2 NW/4 of Section 15

~~and such other, etc.~~

(2) Extend the Square Lake Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 16 South, Range 29 East,  
NE/4 of Section 35

~~and such other, etc.~~

(m) Extend the Townsend-Wolfcamp Pool Boundary in Lea County, New Mexico, to include therein:

Twp. 16 South, Range 36 East,  
Lots 1, 2, 7, & 8 of Section 6

~~and such other, etc.~~

(n) Extend the Warren-McKee Pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Range 38 East,  
SW/4 NE/4 of Section 19

~~and such other, etc.~~

(o) Extend the Milnesand-Pennsylvanian Pool boundary in Roosevelt County, New Mexico, to include therein:

Township 8 South, Range 35 East  
Section 18: SE/4 & N/2 NW/4

*Providing further*

2

*non yellow sheet*

*Part of Forest Pool also the SE/4 added R. 1118*

2

2

4

Case 1444: (A) Creation of a New Pool  
 Disc. Well- Jack Markham-Magnolia Glenn #1 in Unit M of Sec. 21-9-35  
 County LEA Comp. in San Andres 3/22/58. Top Perf. 4801  
 Pool WEST CROSSROADS-SAN ANDRES

TOWNSHIP 9 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Purpose: One completed well capable of producing

Proposed  
 Pool Boundary Colored in Red: SW/4 of Section 21

Case 1444: (B) Creation of a new pool

Disc. Well- The Texas Co.-Audie Richards #1 in Unit P of Sec. 25-20-32

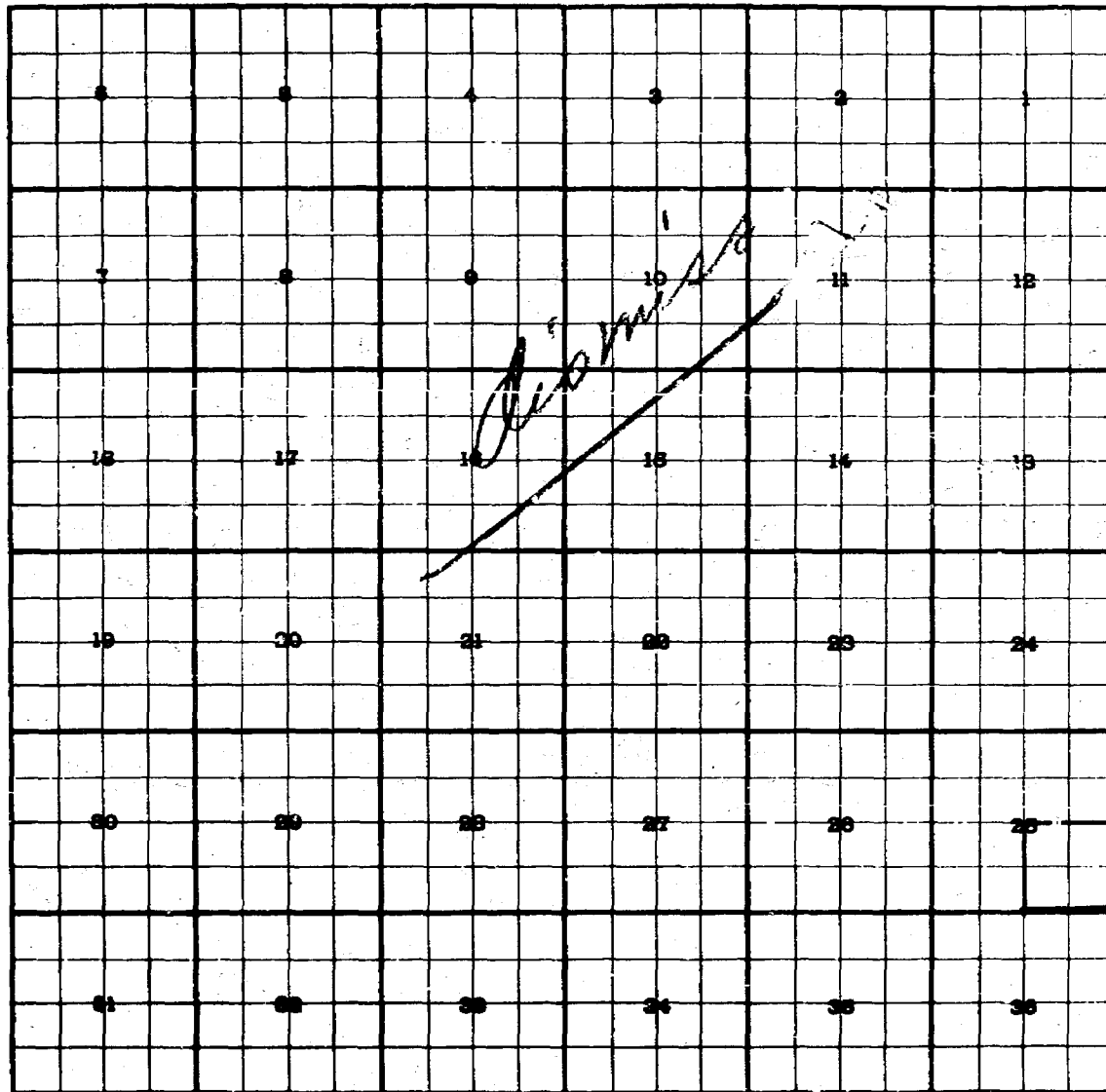
Comp in Marrow Sand Pennsylvanian 1/20/58. Top Perf. 12,909

County IEA

Pool MARROW SAND-PENNSYLVANIAN GAS

*So. SNE-LAKE*

TOWNSHIP 20 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

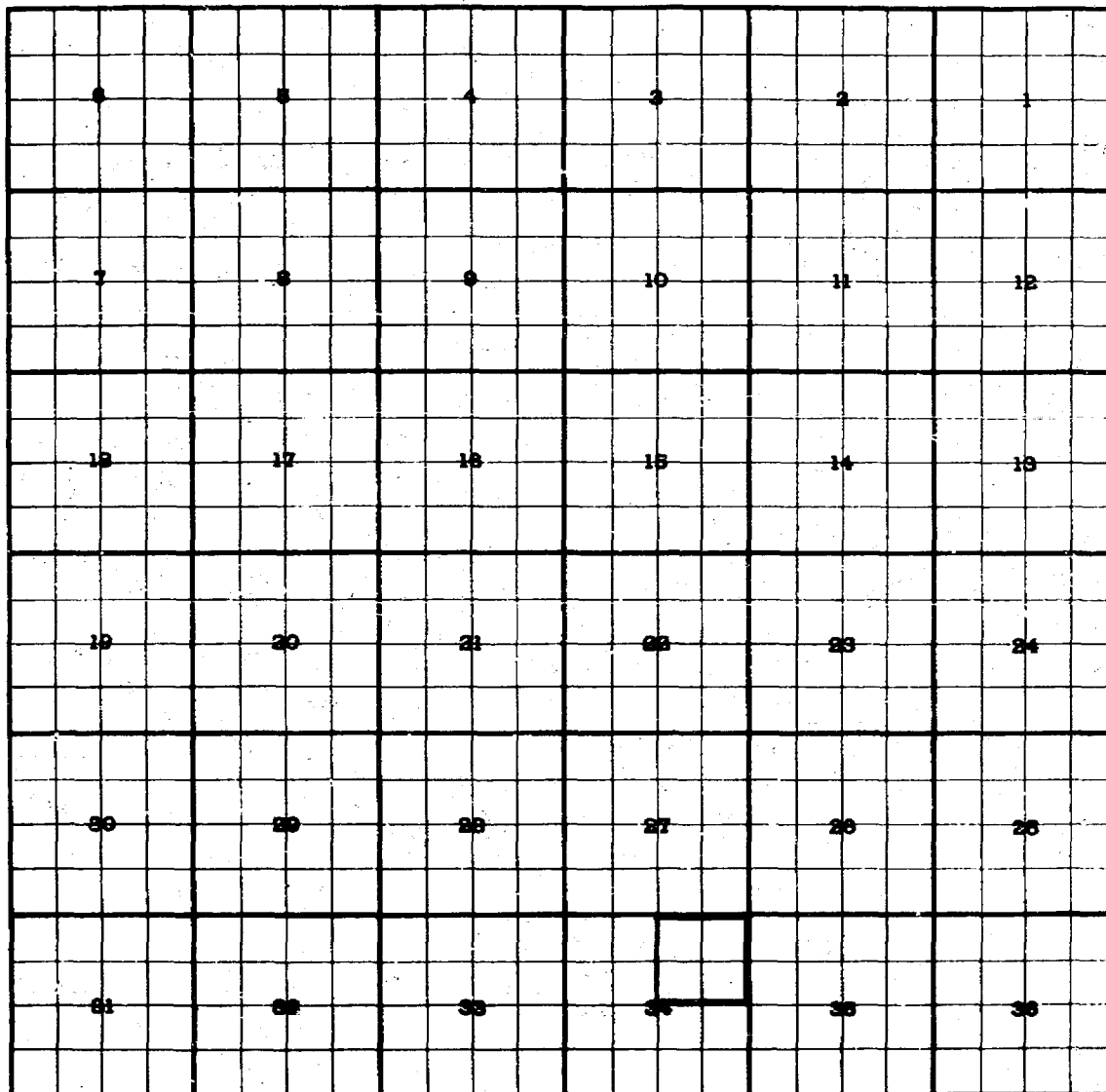


Purpose: One completed well capable of producing

Proposed Pool Boundary Colored in Red: SE/4 of Section 25

Case No. 1444: (C) Creation of a new pool  
 Disc. Well- Pan American Pet. Corp.-Greenwood Unit #2 in Unit G of Sec. 34-18-31  
 Comp. in Pennsylvanian 1/8/58. Top Perf. 10,912  
 County EDDY Pool SHUGART-PENNSYLVANIAN GAS

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



Purpose: One completed well capable of producing

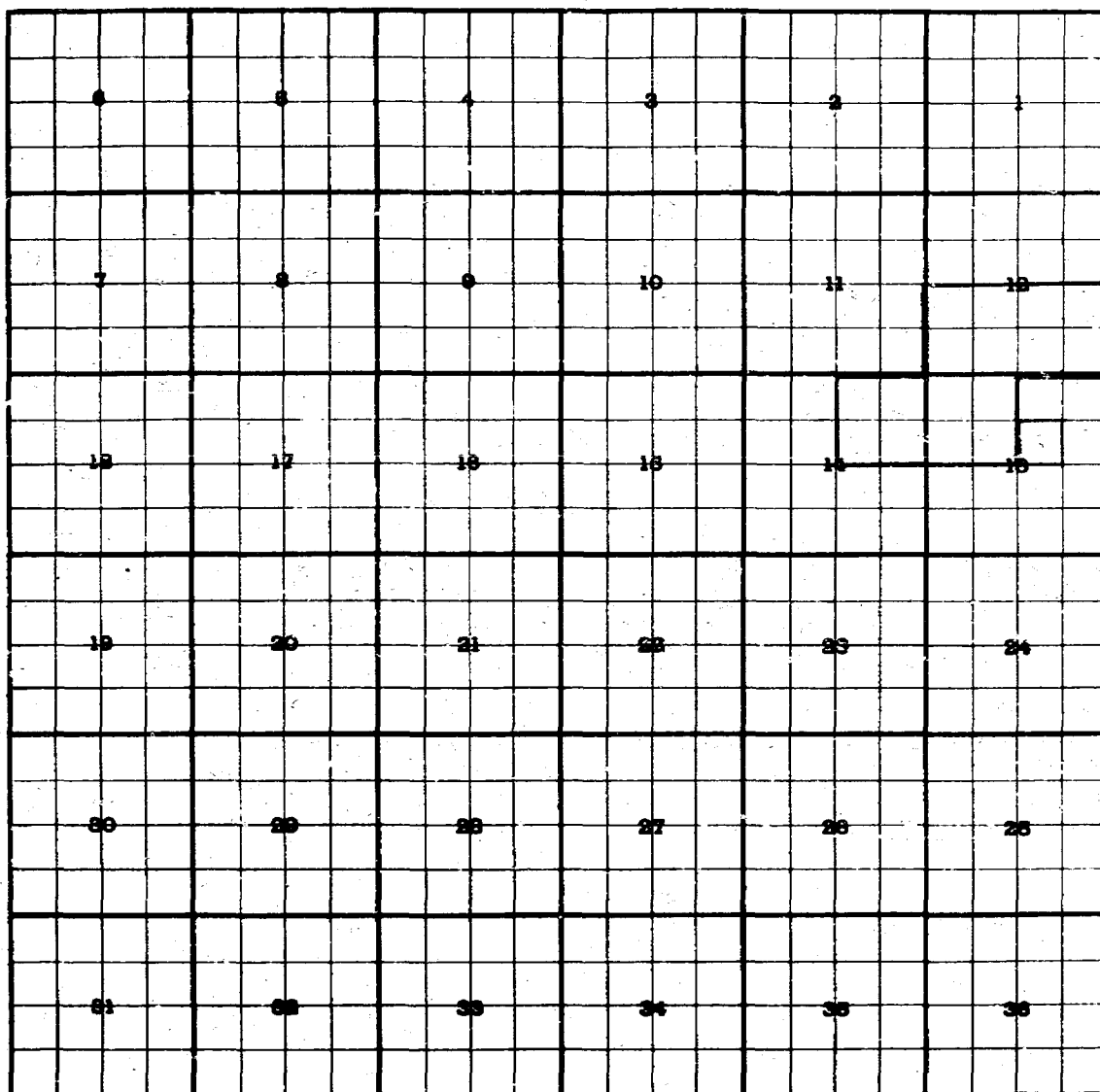
Proposed Pool Boundary Colored in Red: NE 1/4 of Section 34

Case 1444: (D) Extension of an existing pool

County EDDY Pool ATOKA-GRAYBURG

O-5 Grayburg

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



PURPOSE: One completed well capable of producing

Standard Oil Co. of Texas-V. L. Leavitt #2 in Unit G of Sec. 13-18-26

Comp. in Premier 3/23/58. Top Perf. 990

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: SW/4 NE/4 of Section 13

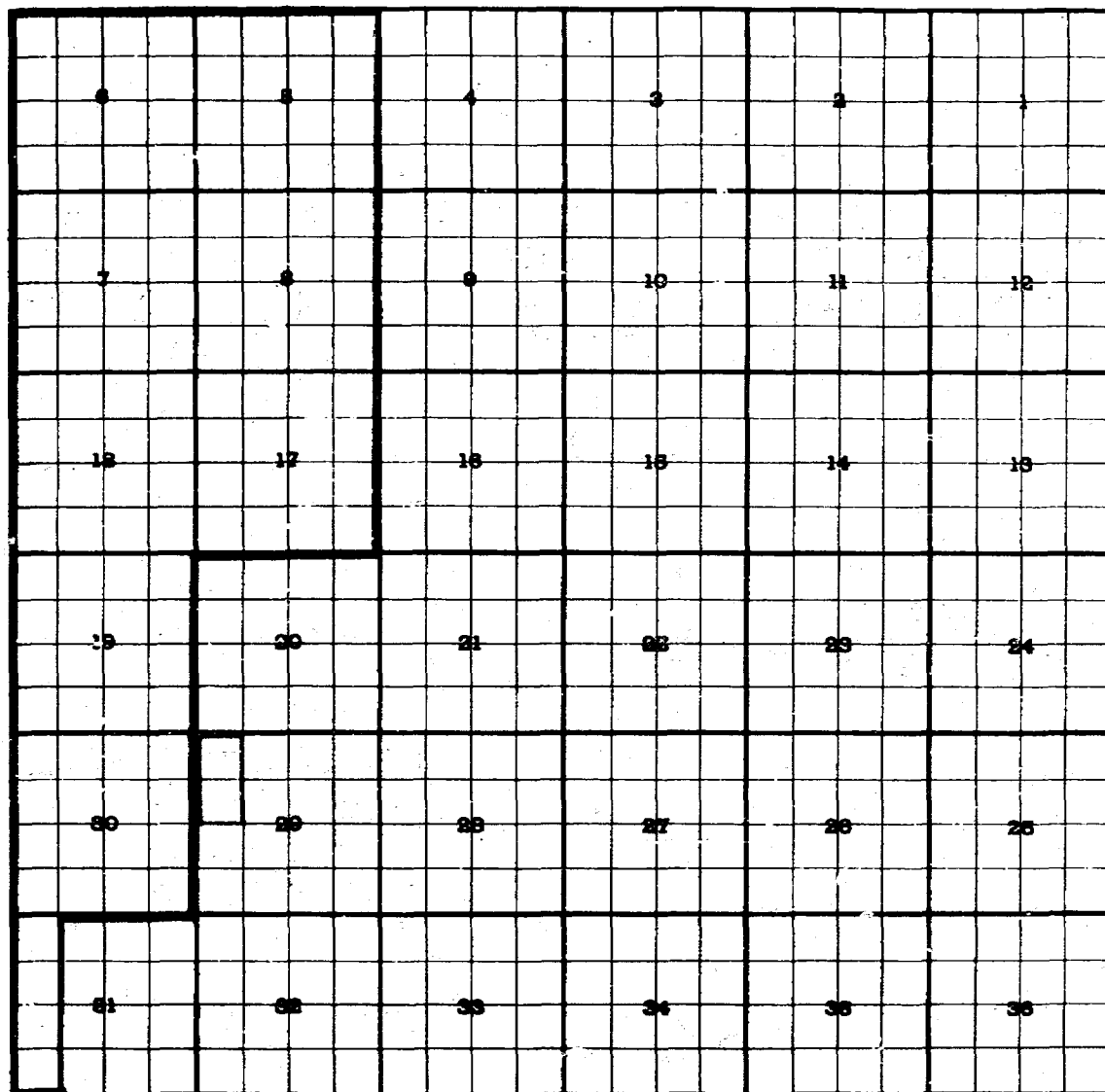


Case 1444: (E) Extension of an existing pool

County LEA Pool CAPROCK-QUEEN

O-5 Queen

TOWNSHIP 13 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing

Chambers & Kennedy-State A #1 in Unit D of Sec. 29-13-32

Comp. in Queen 4/1/58. Depth of Casing Shoe 3049

Pool boundary Colored in Red:

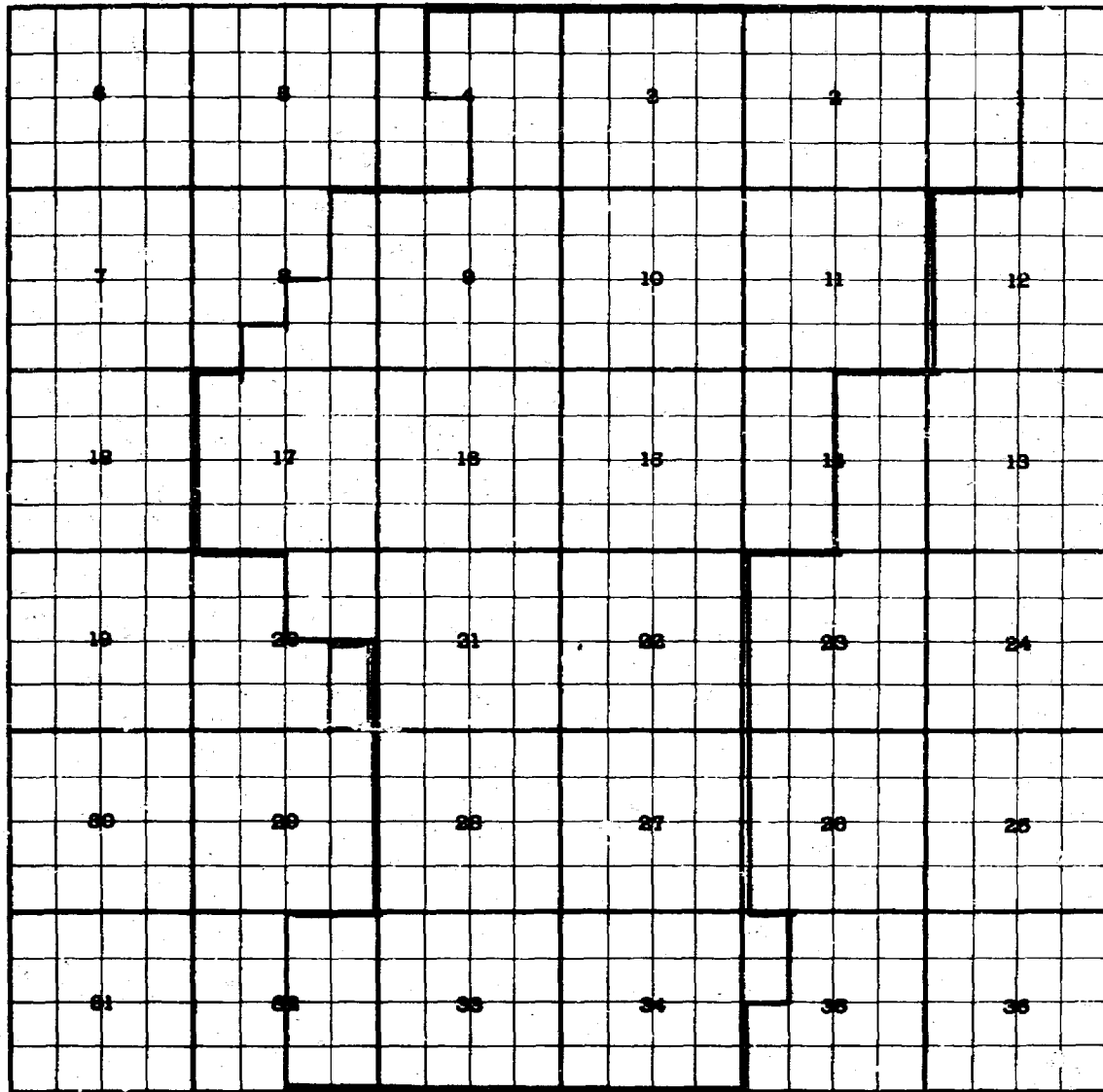
Proposed Extension Colored in Green: W/2 NW/4 of Section 29

Case 1444: (E) Extension of an existing pool

County CHAVES Pool CAPROCK-QUEEN

0-5 Queen

TOWNSHIP 14 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing

Byard Bennett-Zimmerman #1 in Unit I of Sec. 20-14-31

Comp. in Queen 2/20/58. Top Perf. 2831

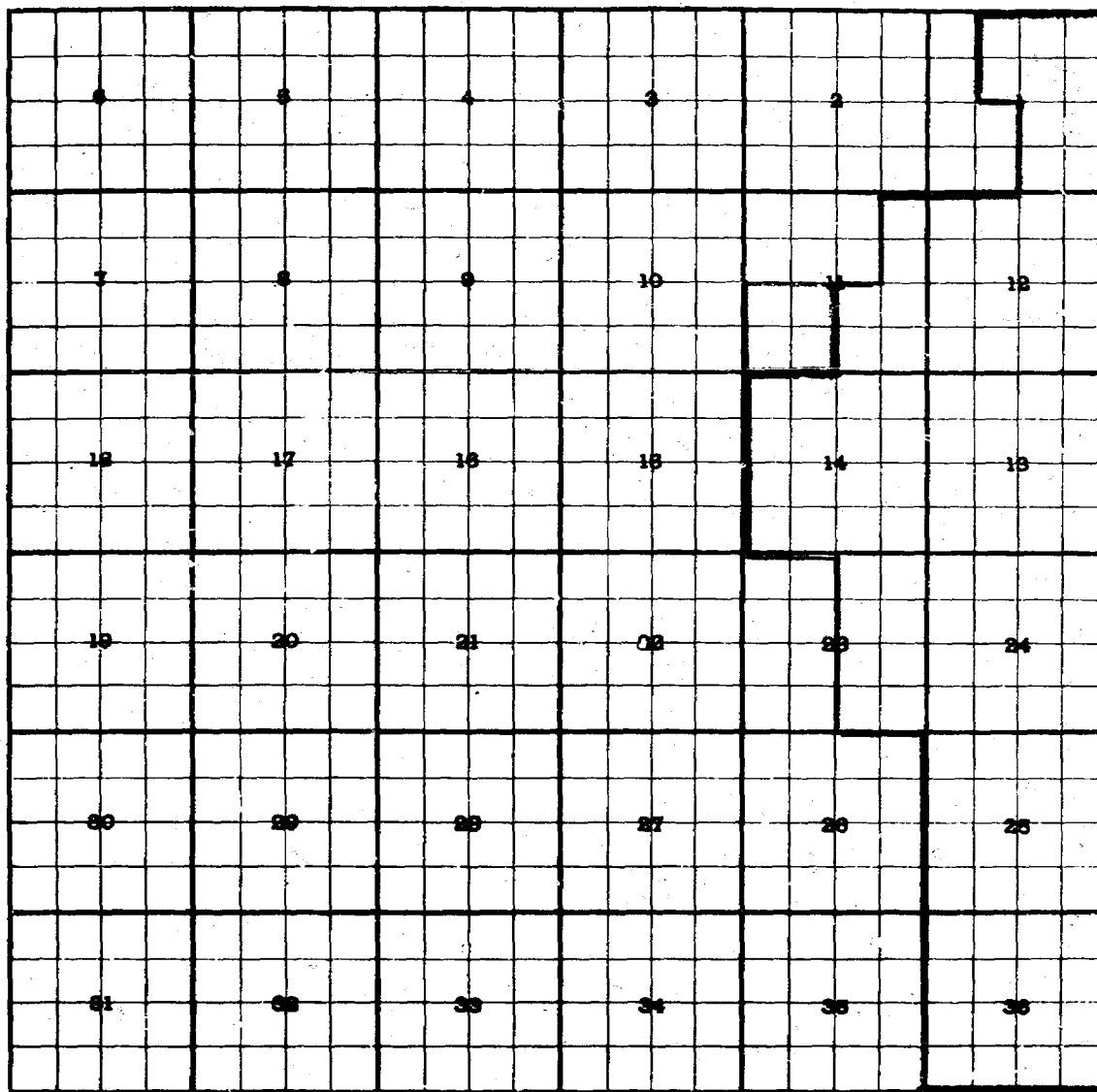
Pool Boundary Colored in Red:

Proposed Extension Colored in Green: E/2 SE/4 of Section 20

Case 1444: (F) Extension of existing pool

County LEA Pool JALMAT  
O-5 Yates & Seven Rivers

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



Purpose: Three completed wells capable of producing

British American Oil Prod. Co.-Hall State F #5 in Unit N of Sec. 11-22-35  
Comp. in Yates 3/4/58. Top Perf. 3957.

British American Oil Prod. Co.-Hall State F #6 in Unit K of Sec. 11-22-35  
Comp. in Yates 3/30/58. Top Perf. 3893.

British American Oil Prod. Co.-Hall State F #8 in Unit L of Sec. 11-22-35  
Comp. in Yates 4/22/58. Top Perf. 3888.

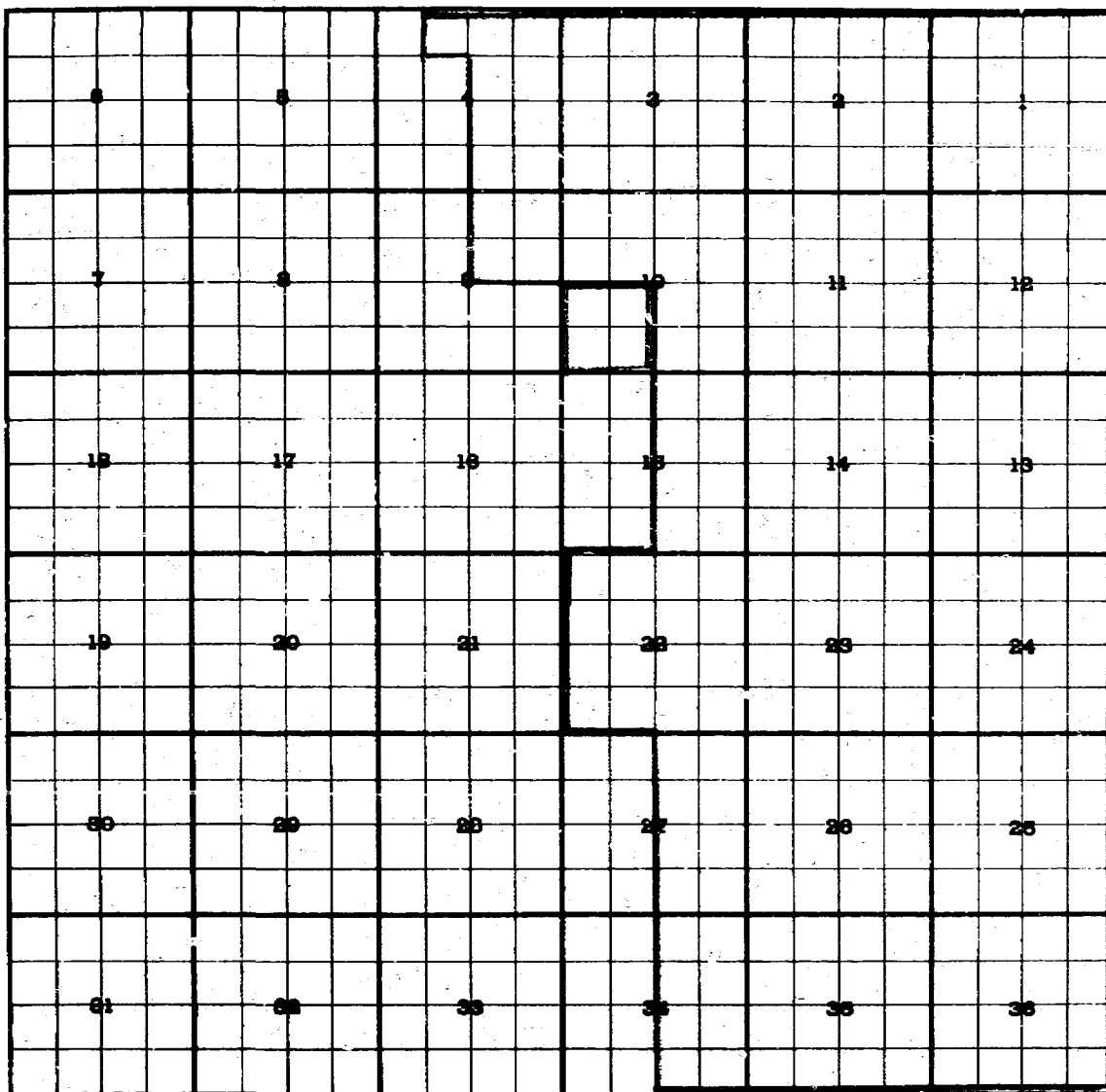
Pool Boundary Colored in Red:

Proposed Extension Colored in Green: SW/4 of Section 11

Case 1444: (F) Extension of an existing pool

County LEA Pool JALMAT

### 0-5 Yates & Seven Rivers

TOWNSHIP 24 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: One completed well capable of producing

Joseph I. O'Neill, Jr.-Rocket #1 in Unit N of Sec. 10-24-36

Comp. in Yates 3/4/58. Top Perf. 3506.

Pool Boundary Colored in Red:

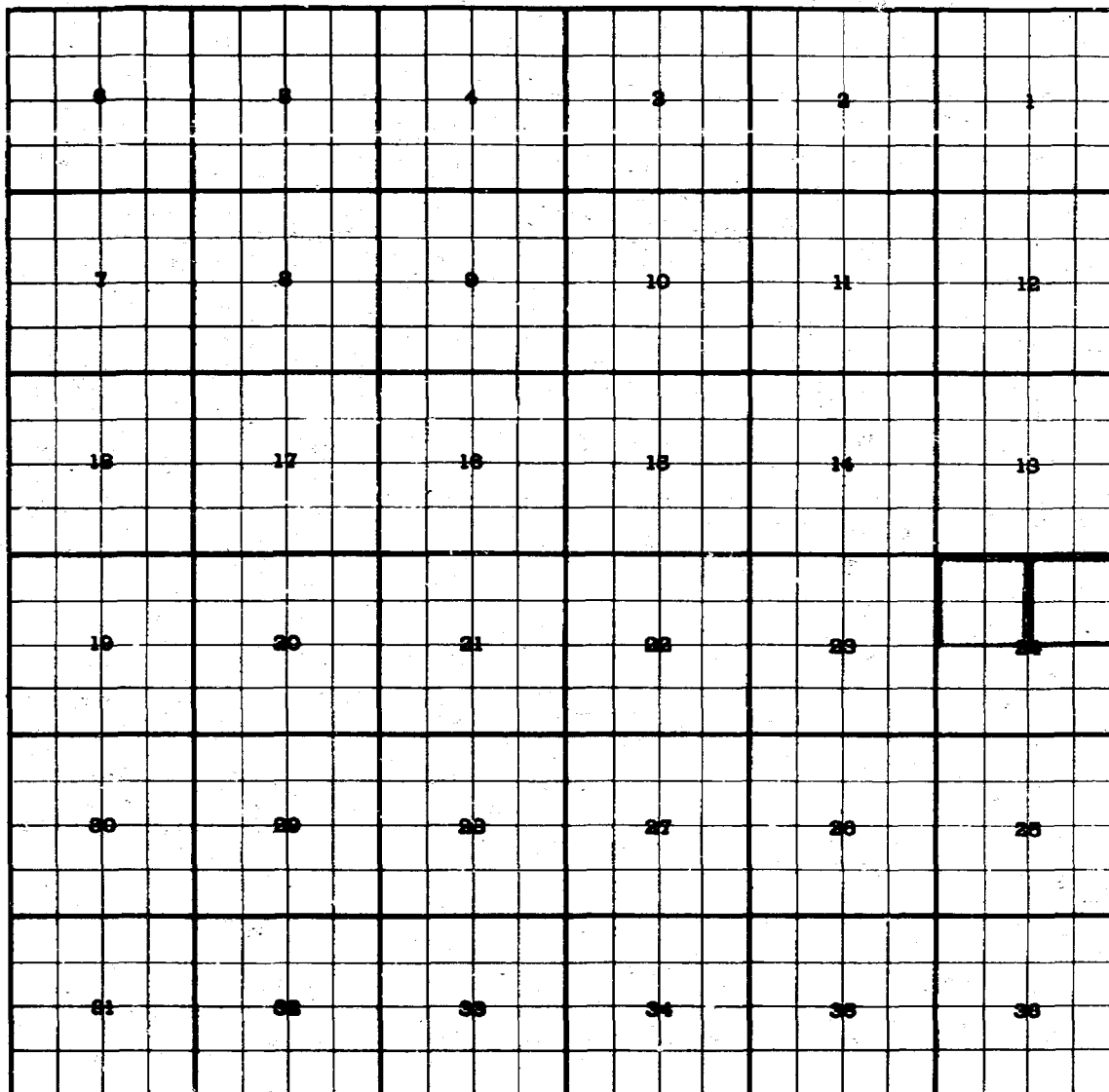
Proposed Extension Colored in Green: SW/4 of Section 10

Case 1444: (G) Extension of an existing pool

County LEA Pool JUSTIS-DRINKARD

5-6 Drinkard

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



Two

Purpose: ~~SEE~~ Completed well capable of producing

Western Natural Gas Co.-Wimberley #3 in Unit D of Sec. 24-25-37

Comp. in Drinkard 2/12/58. Top Perf. 5906.

Pool Boundary Colored in Red:

Proposed Pool Boundary Colored in Green: NW/4 of Section 24

Western Natural Gas Co.-Wimberley #4 in Unit E of Sec. 24-25-37

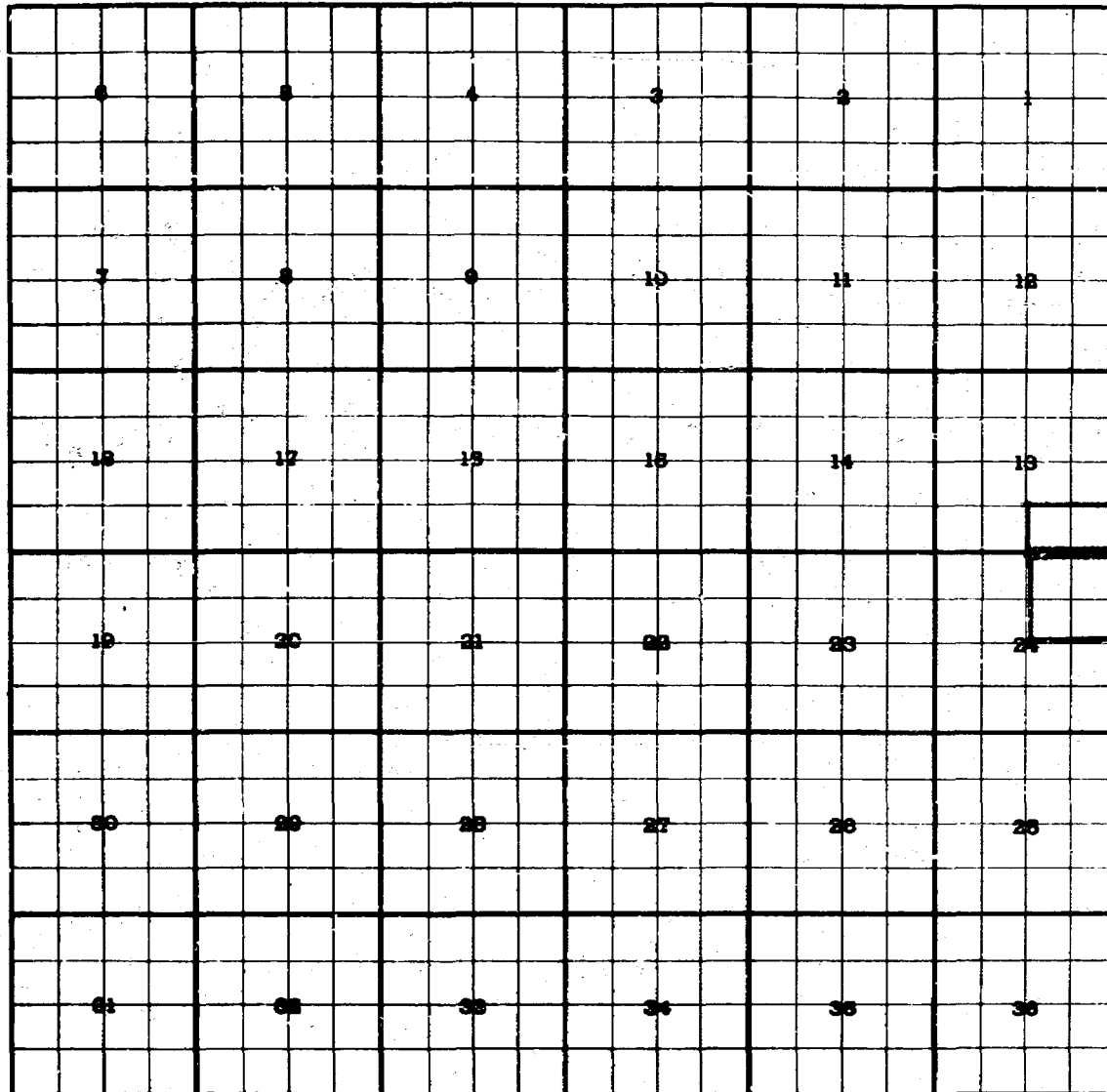
Comp. in Drinkard 4/4/58. Top Perf 5890.

Case 1444: (H) Extension of an existing pool

County LEA Pool JUSTIS-MCKEE

7-8 McKee

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



Purpose: One completed well capable of producing

Gulf Oil Corp.-Learcy McBuffington #6 in Unit 0 of Sec. 13-25-37

Comp. in McKee 3/24/58. Top Perf. 7356.

Pool Boundary Colored in Red:

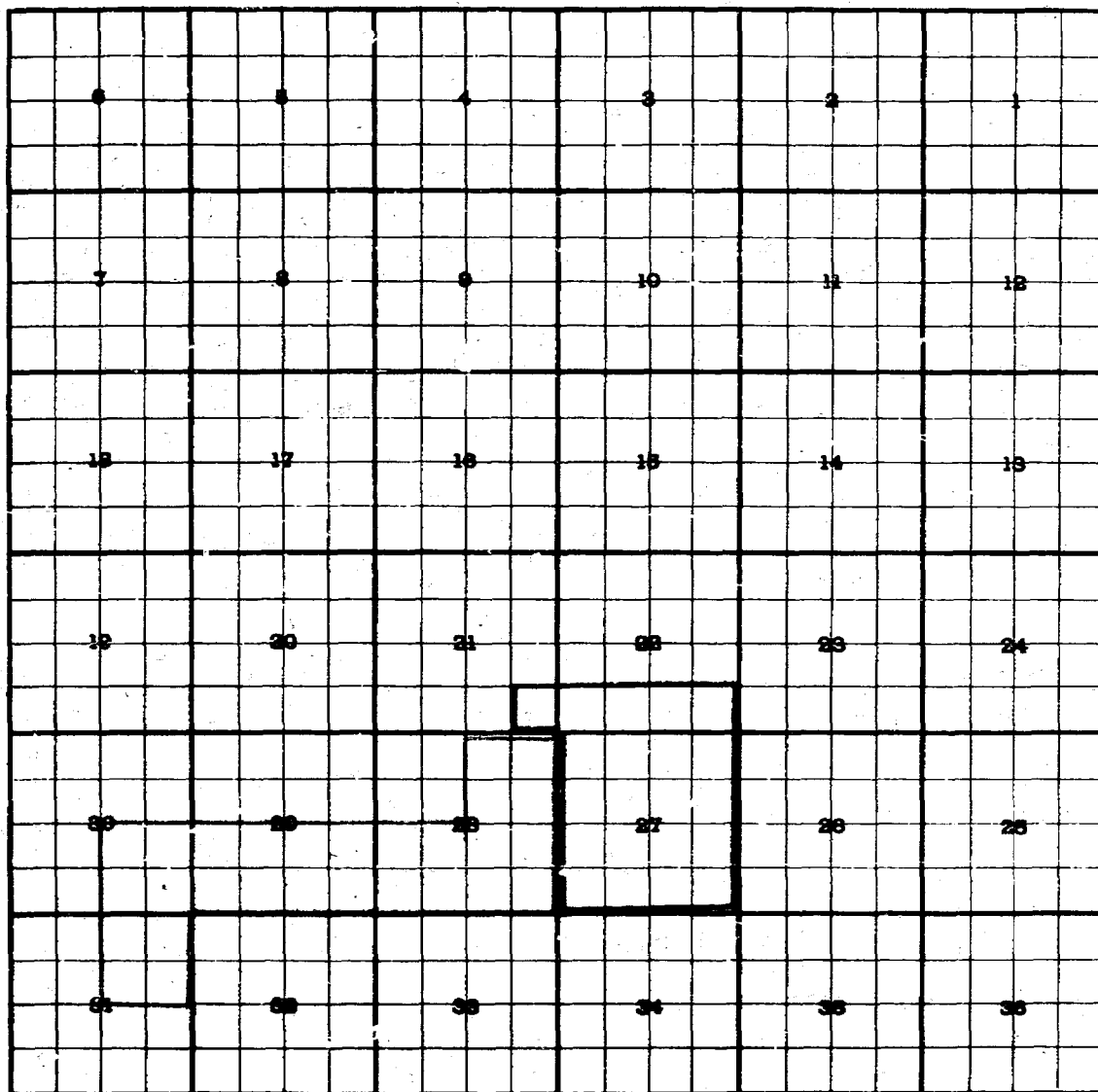
Proposed Extension Colored in Green: S/2 SE/4 of Section 13

Case 1444: (I) Extension of an existing pool

County LEA Pool PEARL-QUEEN

O-5 Queen

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



Propose: Three completed wells capable of producing

Cactus Drilling Co.-Aztec State #1 in Unit A of Sec. 31-19-35

Comp. in Queen 2/25/58. Depth of Casing Shoe 4776.

Cactus Drilling Co.-Gulf State A #1 in Unit I of Sec. 29-19-35

Comp. in Penrose 1/2/58. Top Perf. 4889.

Cactus Drilling Co.-Gulf State A #2 in Unit P of Sec. 29-19-35

Comp in Penrose 4/10/58. Depth of Casing Shoe 4939

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: S/2 & NE/4 of Section 28

S/2 of Section 29

SE/4 of Section 30

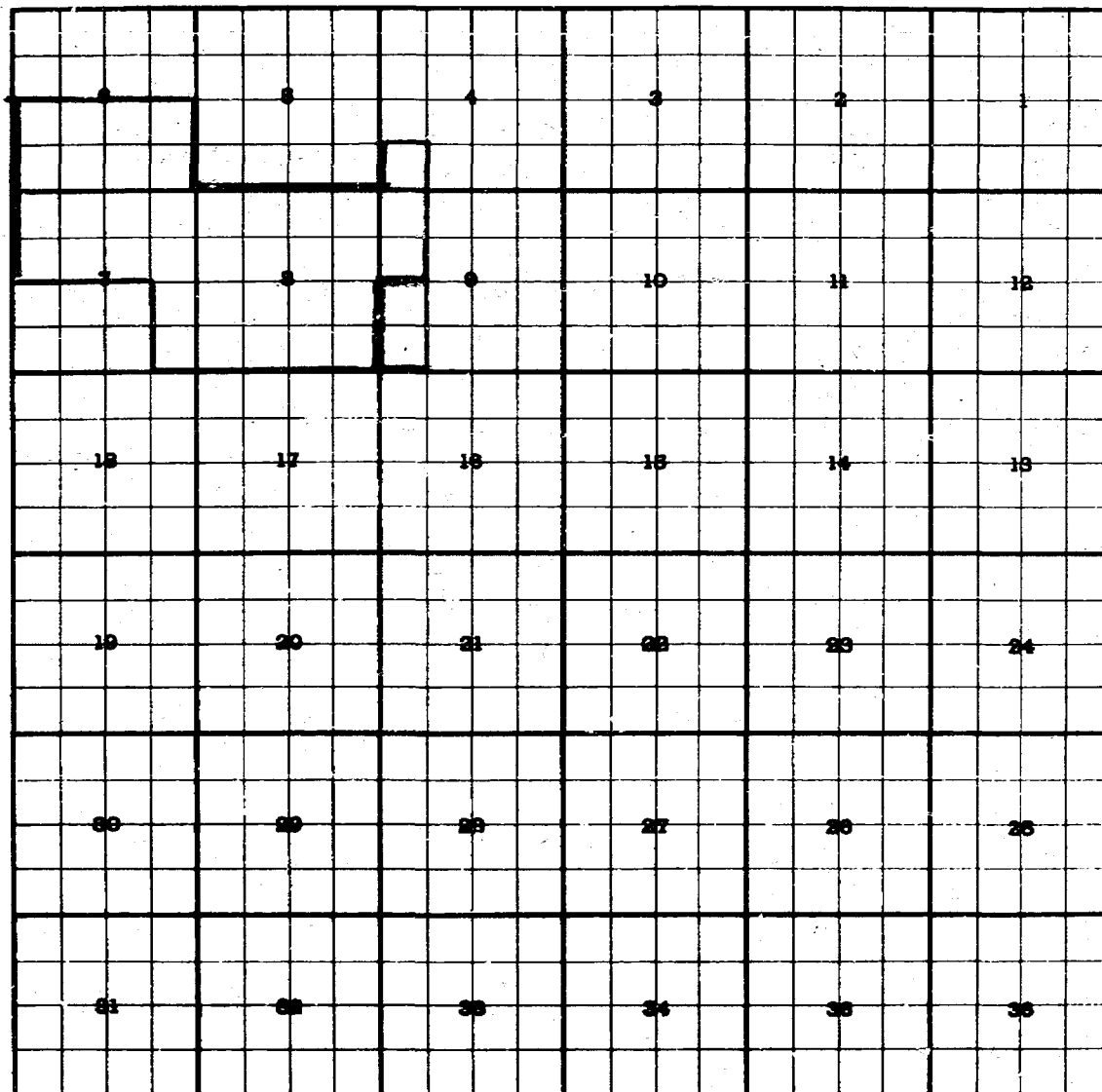
NE/4 of Section 31

Case 1444: (J) Extension of an existing pool

County LEA Pool ROBERTS

0-5 Grayburg

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



Purpose: One completed well capable of producing

Russell Maguire-Phillips State #1-9 in Unit M of Sec. 9-17-33

Comp. in Grayburg 2/19/58. Top Perf. 4309

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: W/2 SW/4 of Section 9

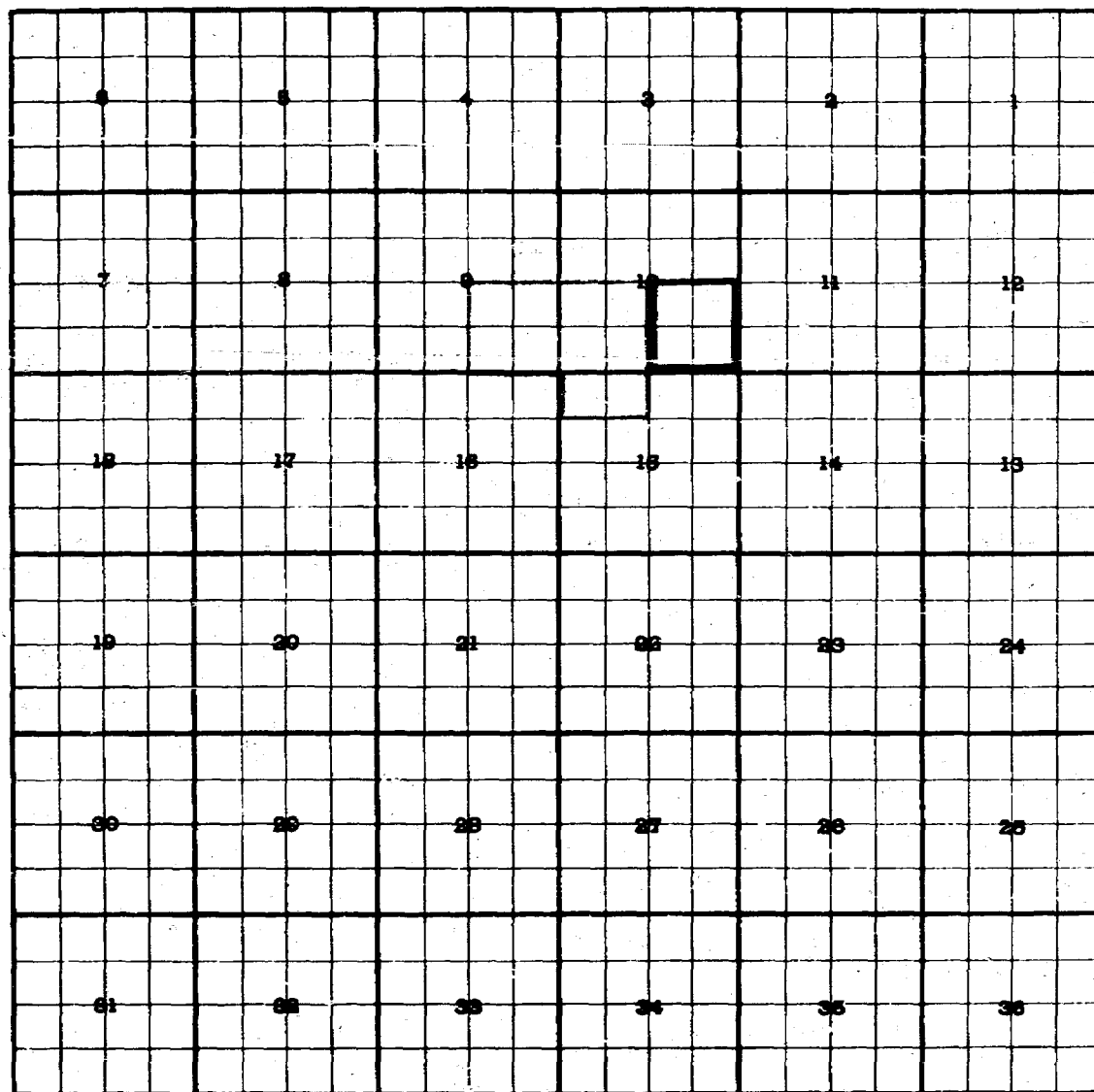


Case 1444: (K) Extension of an existing pool

County EDDY Pool NORTH Shugart-GRAYBURG

O-5 Grayburg

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



Purpose: Two completed wells capable of producing

The Ohio Oil Co.-Federal Johnson "B" A/c 2 #1 in Unit D of Sec. 15-18-31

Comp. in Grayburg 2/28/58. Top Perf. 3940

Malco Refineries, Inc.-Erwin Federal #1 in Unit P of Sec. 9-18-31

Comp. in Grayburg 3/7/58. Top Perf. 3929

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: SE/4 of Section 9

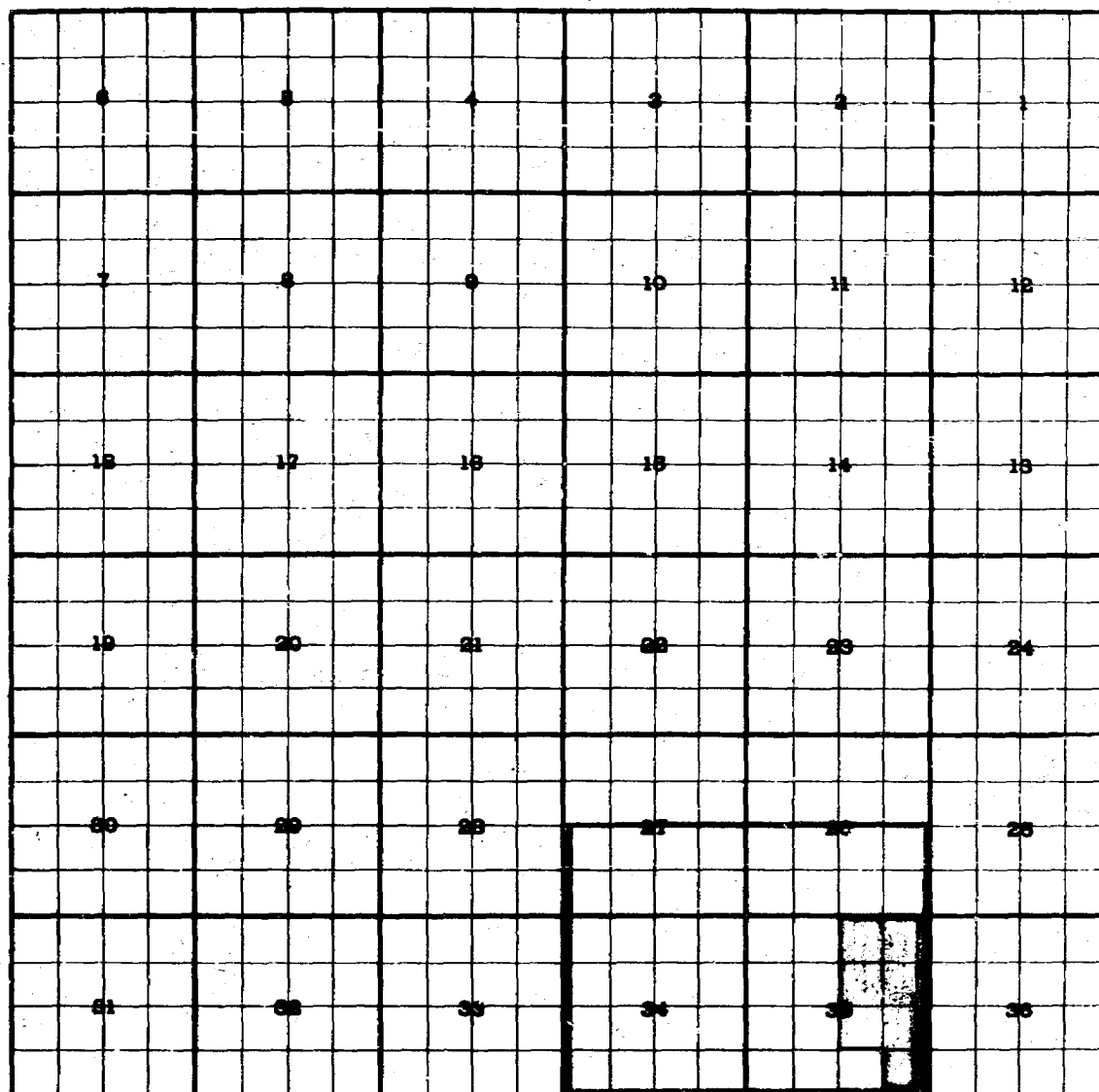
SW/4 of Section 10

N/2 NW/4 of Section 15

Case 1444: (L) Deletion of an existing pool

County EDDY Pool FORREST

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



Purpose: To eliminate an overlap of the Forrest and Square Lake Pools

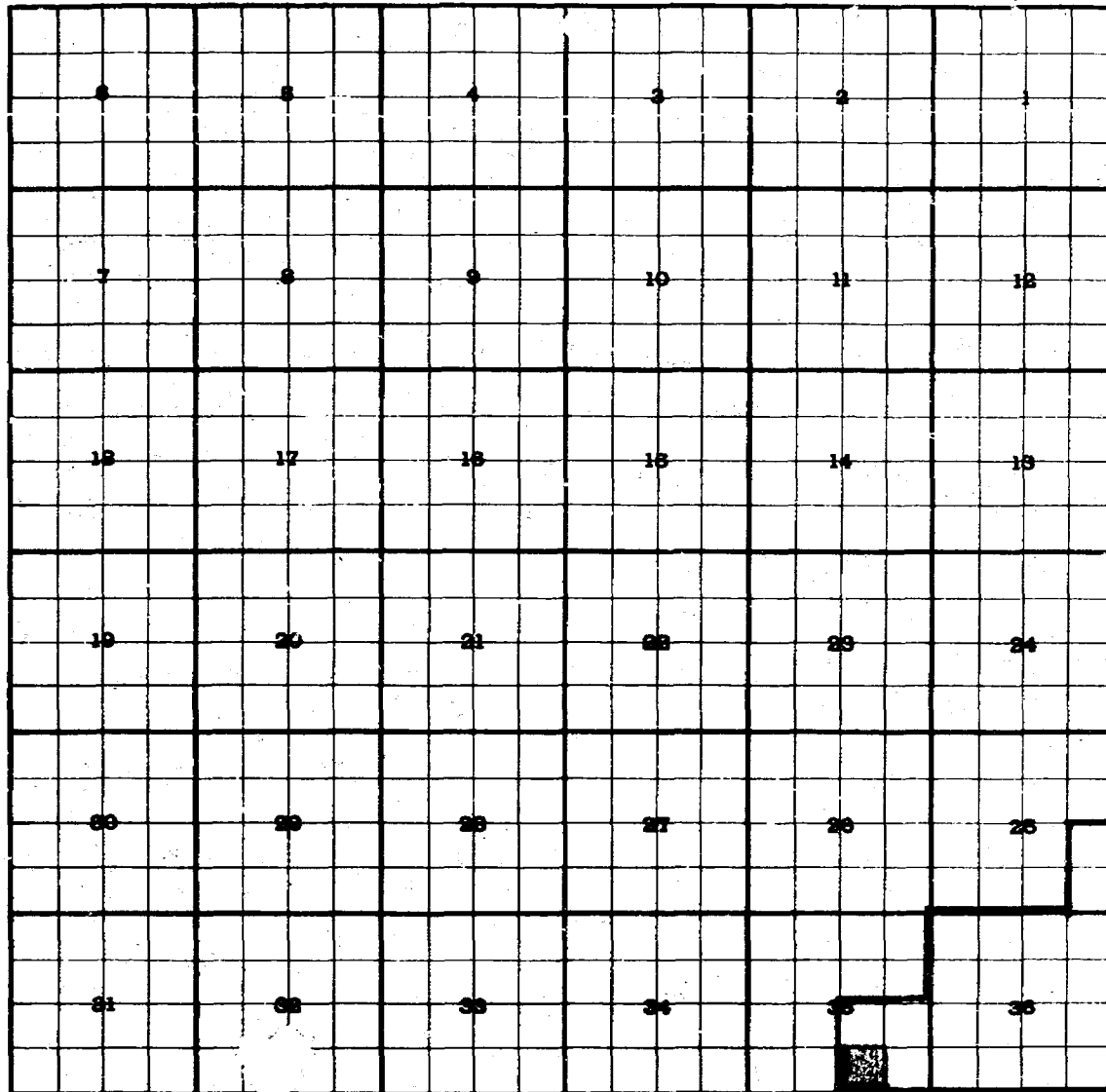
Pool Boundary Colored in Red:

Proposed Deletion Colored in Green: NE $\frac{1}{4}$ , N/2 SE $\frac{1}{4}$ , and SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Sec. 35

Case 1444: (M) Deletion of an existing pool

County EDDY Pool SQUARE LAKE

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



Purpose: To eliminate an overlap of the Square Lake and Forrest Pools

Pool Boundary Colored in Red:

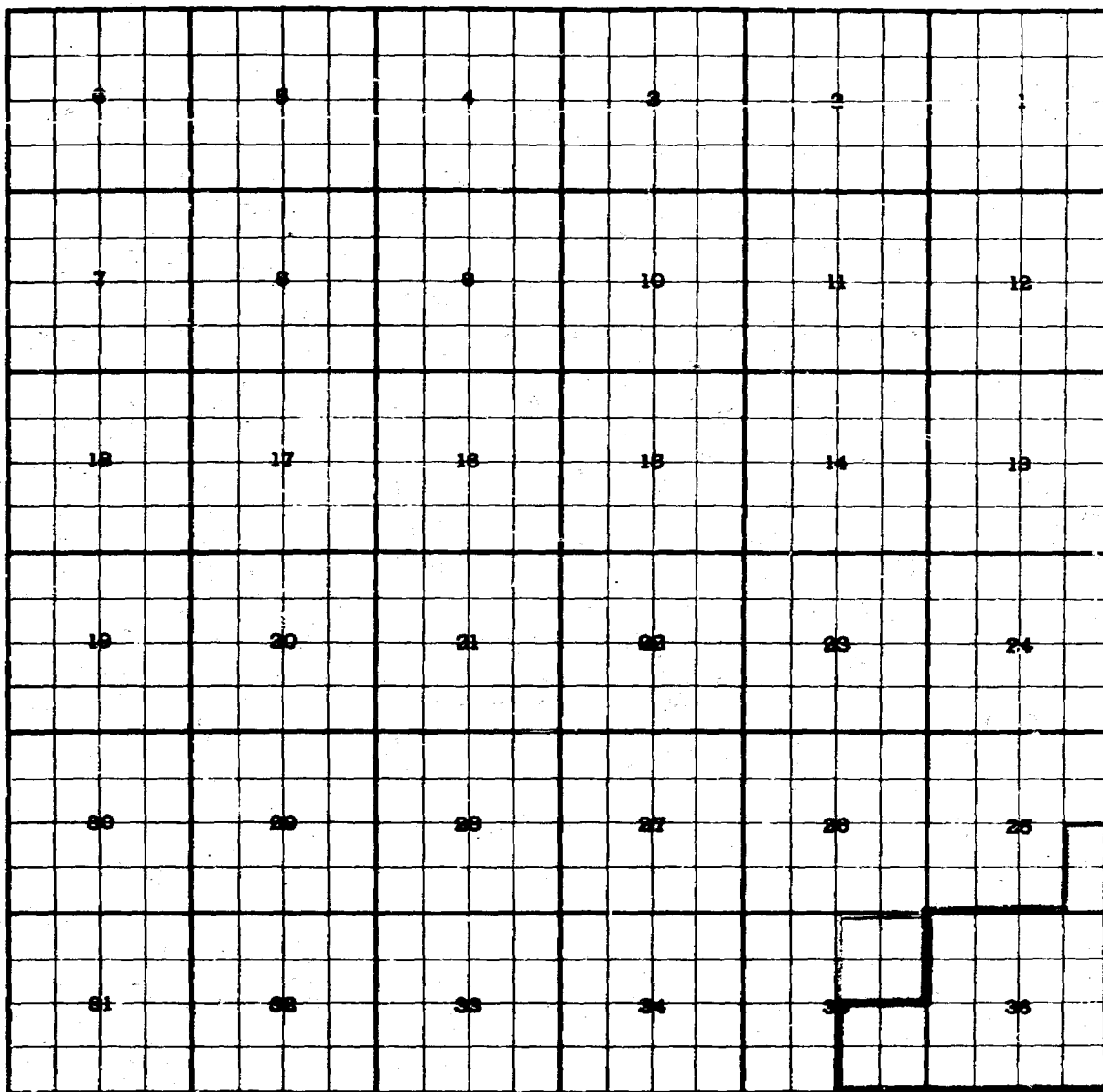
Proposed Deletion Colored in Green: SW/4 SE/4 of Section 35

Case 1444: (N) Extension of an existing pool

County EDDY Pool SQUARE LAKE

0-5 Grayburg & San Andres

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



Purpose: One completed well capable of producing

General American Oil Co. of Texas-Nunlee #5 in Unit H of Sec. 35-16-29

Comp. in Premier Sand 3/4/58. Depth to Casing Shoe 2612

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: NE/4 of Section 35

Case 1444: (0) Extension of an existing pool

County TOWNSEND-LEA Pool TOWNSEND-WOLFCAMP  
10-11 Wolfcamp

TOWNSHIP	16 <i>South</i>	RANGE	36 <i>East</i>	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	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

Purpose: One completed well capable of producing

Austral Oil Expl. Co., Inc.-W. M. Snyder "C" #1 in Unit H of Sec. 6-16-36

Comp. in Wolfcamp 3/15/58. Top Perf. 10,674

Pool Boundary Colored in Red:

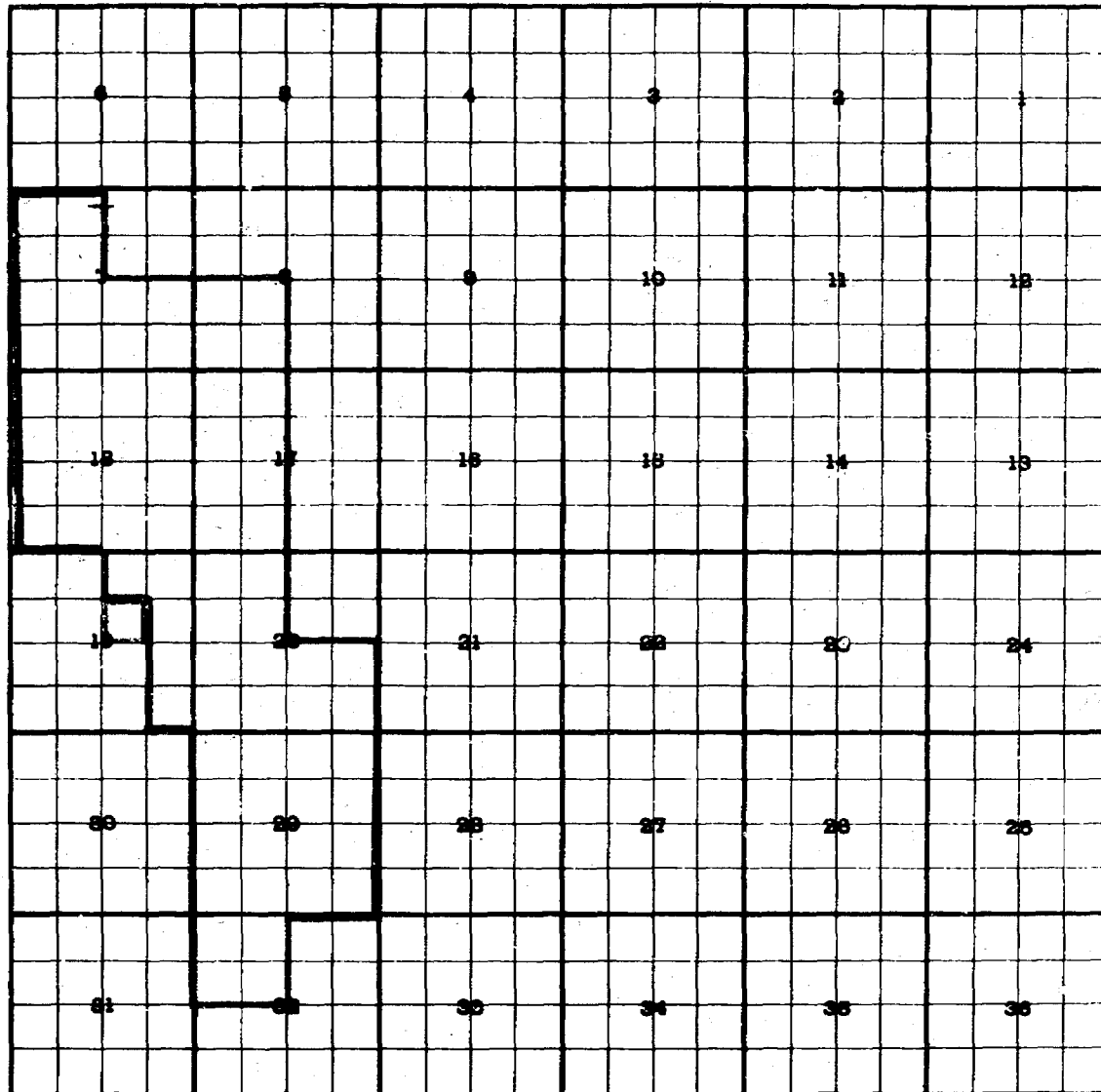
Proposed Extension Colored in Green: Lots 1, 2, 7, & 8 of Section 6

Case 1444: (P) Extension of an existing pool

County LEA Pool WARREN-McKEE

9-10 Simpson

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



Purpose: One completed well capable of producing  
Continental Oil Co.-SEMU McKee #63 in Unit G of Section 19-20-38

Completed in McKee 3/3/58. Top Perf. 9106

Pool Boundary Colored in Red:

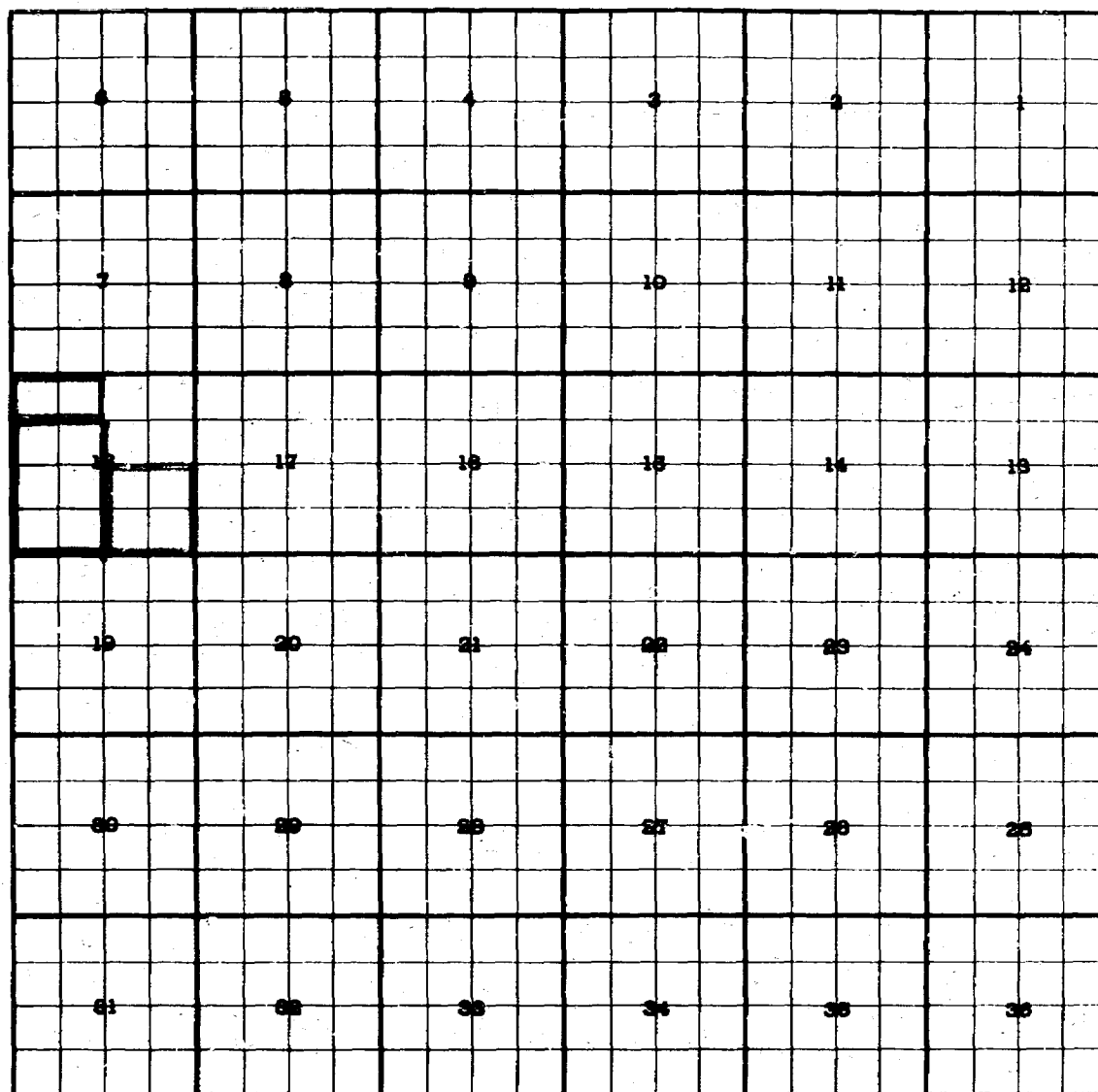
Proposed Extension Colored in Green: SW/4 NE/4 of Section 19

Case 1444: (Q) Extension of an existing pool

County ROOSEVELT Pool MILNESAND-PENNSYLVANIAN

9-10 Pennsylvanian

TOWNSHIP 8 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Two completed wells capable of producing

Magnolia Pet. Co.-D. Hefflefinger #2 in Unit D of Section 18-8-35

Completed in Pennsylvanian 4/2/58. Top Perf. 9223

Magnolia Pet. Co.-Jacobs Federal #3 in Unit J of Section 18-8-35

Comp. in Pennsylvanian 2/3/58. Top Perf. 9177

Pool Boundary Colored in Red:

Proposed Extension Colored in Green: SE/4 & N/2 NW/4 of Section 18