

Case No.

1581

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 1581

TRANSCRIPT OF HEARING

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

January 14, 1959

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

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 Eddy and Lea Counties, New Mexico:

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

Township 18 South, Range 30 East, NMPM
Section 32: NE/4

(b) Create a new oil pool for Seven Rivers production, designated as the West Pearl-Seven Rivers Pool, and described as:

Township 19 South, Range 34 East, NMPM
Section 25: SE/4

(c) Create a new oil pool for Queen production, designated as the North Red Lake-Queen Pool, and described as:

Township 16 South, Range 28 East, NMPM
Section 34: NE/4

(d) Create a new oil pool for Delaware production, designated as the Shugart Delaware Pool, and described as:

Township 18 South, Range 31 East, NMPM
Section 22: SW/4

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

Township 9 South, Range 36 East, NMPM
Section 10: NE/4

(f) Extend the South Carter-San Andres Pool to include:

Township 18 South, Range 39 East, NMPM
Section 7: NE/4

- (g) Extend the Dos Hermanos Yates-Seven Rivers Pool to include:

Township 20 South, Range 30 East, NMPM
Section 28: N/2 SE/4

- (h) Extend the High Lonesome Pool to include:

Township 16 South, Range 29 East, NMPM
Section 12: SW/4
Section 13: NW/4

- (i) Extend the Justis-Blinebry Pool to include:

Township 25 South, Range 37 East, NMPM
Section 24: E/2
Section 25: E/2
Section 36: E/2 & SW/4

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

Township 25 South, Range 37 East, NMPM
Section 24: SE/4

- (k) Extend the Loco Hills Pool to include:

Township 18 South, Range 30 East, NMPM
Section 8: S/2

- (l) Extend the Maljamar Pool to include:

Township 17 South, Range 33 East, NMPM
Section 18: SW/4

- (m) Extend the vertical limits of the East Millman-Queen Pool in Eddy County, New Mexico, to include therein the Grayburg formation.

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

Township 19 South, Range 28 East, NMPM
Section 13: N/2 & SW/4
Section 22: N/2
Section 23: NW/4

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

Township 19 South, Range 35 East, NMPM

Section 21: N/2 SE/4 & SW/4 SE/4

Section 33: NW/4

(p) Extend the Ranger Lake Pennsylvanian Pool to include:

Township 12 South, Range 34 East, NMPM

Section 24: SW/4

(q) Extend the Shugart Siluro Devonian Gas Pool to include:

Township 18 South, Range 31 East, NMPM

Section 21: NE/4

(r) Extend the Skaggs-Glorieta Pool to include:

Township 20 South, Range 37 East, NMPM

Section 12: NW/4

(s) Extend the South Vacuum-Bone Springs Pool to include:

Township 18 South, Range 35 East, NMPM

Section 22: S/2

Section 27: W/2

Case No. 1581

BEFORE:

John Burroughs

Murray Morgan

A. L. Porter

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

MR. PORTER: We will take up Case No. 1581.

MR. PAYNE: Case 1581. Southeastern New Mexico
nomenclature case.

(Witness sworn.)

RANDALL MONTGOMERY

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

Q Mr. Montgomery, in your official capacity as proration manager for the Oil Conservation Commission, have you had an opportunity to make a study concerning the necessity or desirability for the creation of new oil pools and the extension of existing pools in Eddy and Lea Counties?

A I have.

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

A I recommend that Paragraph A be created as advertised. The reason for the creation of this new pool was the recent discovery by Harvey E. Yates in their Yates State Well No. 1, located in Unit G in Section 32, Township 18 South, Range 30 East, completed in the San Andres on 11/18/58. The top of perforations, 3834 feet, to be designated as the South Loco Hills-San Andres.

Q What are the vertical limits?

A The San Andres formation.

Q And horizontal limits?

A The Northeast Quarter of Section 32.

Q What are your recommendations concerning creation of a new pool for Seven Rivers production?

A I recommend that pool be created as advertised in Paragraph B. The discovery well for this particular pool was the Cabot Carbon Company's Federal Well No. 1, located in Unit P, Section 25, Township 19 South, Range 34 East, completed in the Seven Rivers formation on 11/8/58. The top of perforations, 4085 feet. I recommend the name be the West Pearl-Seven Rivers, and that the horizontal limits be the southeast quarter of Section 25, the vertical limits the Seven Rivers formation.

MR. PORTER: Mr. Montgomery, do you recall offhand how far that pool is west of the Otero Queen Pool?

A Actually, it is pretty well in the heart of the pool, the development. The operator requested this name, and advertised it. It is pretty well in the heart of it now.

MR. PORTER: Do we have a Pearl Seven Rivers?

A We have a pearl Queen now, and this is a new pay in the heart of the pool.

MR. PORTER: I was wondering if it would be more appropriate to call it the Pearl Seven Rivers.

A I believe that it would be.

MR. PORTER: If so, it might be desirable to make that recommendation for the record, so that we can put it in.

A I would recommend that the pool be designated as the Pearl Seven Rivers due to the, instead of the West Pearl -

Seven Rivers, due to recent development that has changed the original name.

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

A I recommend the pool be created as advertised on Paragraph C. named the North Red Lake-Queen, the discovery well was Kinkaid & Watson, South Union Federal No. 4, in Unit G, of Section 34, Township 16 South, 28 East, completed in the Queen formation on 11/6/58. The depth to the casing shoe was 1477 feet. The vertical limits to be the Queen formation, and the horizontal limits to be the Northeast Quarter of Section 43.

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

A I recommend that the pool be designated as advertised, described as the Shugart Delaware. The discovery well was Gulf Oil Corporation's Federal Littlefield "AB" No. 1 in Unit M of Section 22, Township 18 South, Range 31 East, completed in the Delaware on 11/10/58. The top of perforation was 4970 feet. The vertical limits should be the Delaware formation, the horizontal limits, the Southwest Quarter of Section 22.

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

A It is my recommendation that the Allison Pennsylvanian pool be extended as advertised as shown on Exhibit No. 1, being the Northeast Quarter of Section 10. The purpose being one well

capable of producing from this pool.

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

A I recommend that the pool be extended as indicated on Exhibit 1. The reason being one well capable of producing from this pool.

Q What are your recommendations concerning extension of the Dos Hermanos Yates-Seven Rivers?

A That that pool be extended as advertised on Exhibit 1, based on one well capable of producing from this pool.

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

A That this pool be extended as indicated on Exhibit 1, based on the recent completion of one well capable of producing.

Q And your recommendations as to the Justis-Blinbry, extension of the Justis-Blinbry Pool?

A That that pool be extended as indicated on Exhibit 1, on the basis of one well capable of producing.

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

A That that pool be extended, on the basis of one well capable of producing, as indicated on Exhibit 1.

Q And your recommendation concerning extension of the Loco Hills Pool?

A That that pool be extended as indicated on Exhibit 1

and also the North half of the Northeast Quarter of Section 17, based on two wells capable of producing from that pool.

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

A That this pool be extended as indicated on Exhibit 1 and an unadvised portion, which would be the Northwest Quarter and the West Half of the Northeast Quarter of Section 18, Township 17 South, Range 33 East. The reason being four wells capable of producing from this pool.

Q What are your recommendations concerning extension of the vertical limits of the East Millman-Queen Pool in Eddy County?

A It is my recommendation that the East Millman-Queen Pool be extended to include the Grayburg formation, by extending the vertical limits of the Queen to include the Grayburg formation.

MR. PORTER: In other words, this extension is merely a vertical limit, it is not horizontal?

A That is correct.

Q (By Mr. Payne) What are your recommendations concerning extension of the East Millman-Queen-Grayburg?

A That that pool be extended as indicated on Exhibit 1 on the basis of three wells capable of producing.

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

A That that pool be extended as indicated on Exhibit 1.

Three wells capable of producing is the reason for this extension.

Q And your recommendation as to the extension of the Ranger Lake Pennsylvanian Pool?

A That this pool be extended as indicated on Exhibit 1. The basis is one well capable of producing.

Q What are your recommendations concerning extension of the Shugart Siluro Devonian Gas Pool?

A That that pool be extended as indicated on Exhibit 1 on the basis of one well capable of producing.

Q What are your recommendations concerning extension of the Skagga-Glorieta Pool?

A That that pool be extended as indicated on Exhibit 1 on the basis of one well capable of producing.

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

A That that pool be extended as indicated on Exhibit 1 on the basis of two wells capable of producing from the Bone Springs.

Q Mr. Montgomery, have you prepared exhibits substantiating your recommendations?

A I have.

Q How have you denoted them?

A These Exhibits are indicated as Exhibit 1, and then A through S.

MR. PAYNE: Mr. Commissioner, I move that Exhibit 1

and Exhibits A through S in Case 1581 be received in evidence.

MR. PORTER: Without objection, the exhibits will be received.

MR. PAYNE: That concludes our case.

MR. PORTER: Anyone else have a question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Nothing further to be offered in this case, we will take the case under advisement and proceed to case 1582.

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

ss

I, Joseph 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 Oil Conservation Commission was reported by me in Stenotype and reduced to typewritten transcript, 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 22nd day of January, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Joseph A. Trujillo
NOTARY PUBLIC

My Commission Expires:

October 5, 1960

**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. 1581
Order No. B-1324**

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

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

NOW, on this 21st day of January, 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 Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation South Loco Hills-San Andres Pool. Said South Loco Hills-San Andres Pool was discovered by Harvey E. Yates, Yates State Well No. 1, located in the NE/4 Section 32, Township 18 South, Range 30 East, NMPM. It was completed November 18, 1958. The top of the perforations is at 3834 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 Seven Rivers formation, said pool to bear the designation Pearl-Seven Rivers Pool. Said Pearl-Seven Rivers Pool was discovered by Cabot Carbon Company, Federal Well No. 1, located in the SE/4 Section 25, Township 19 South, Range 34 East, NMPM. It was completed November 8, 1958. The top of the perforations is at 4085 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation North Red Lake-Queen Pool. Said North Red Lake-Queen Pool was discovered by Hincaid and Watson, Southern Union Federal Well No. 4, located in the NE/4 Section 24, Township 18 South, Range 28 East, NMPM. It was completed November 8, 1936. The top of the casing shoe is at 1477 feet open hole.

(5) 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 Shugart-Delaware Pool. Said Shugart-Delaware Pool was discovered by Gulf Oil Corporation, Federal Littlefield "AB" Well No. 1, located in the SW/4 Section 22, Township 18 South, Range 31 East, NMPM. It was completed November 10, 1935. The top of the perforations is at 4870 feet.

(6) That there is need for certain extensions to the San Bernardino Seven Rivers Pool, the High Lonesome Pool, the Loco Hills Pool, the East Hillman Queen-Grayburg Pool, and the Shugart Silure-Delaware Gas Pool, all in Eddy County, New Mexico; and to the Alliance-Pennsylvanian Pool, the South Carter-San Andres Pool, the Justice-Hinckley Pool, the Justice-McKee Pool, the Miljamar Pool, the Pearl-Queen Pool, the Ranger Lake-Pennsylvanian Pool, the Shaggs-Charlotte Pool, and the South Vacuum-Sage Springs Pool, all in Lea County, New Mexico. Further, that there is need for the extension of the vertical limits of the East Hillman-Queen Pool in Eddy County, New Mexico, said East Hillman-Queen Pool to be extended to include the Grayburg formation.

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 South Loco Hills-San Andres Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 32: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 25: SE/4

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

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Case No. 1581
Order No. B-1324

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 24: NE/4

(d) 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 Elbert-Delaware Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 22: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 10: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 7: NE/4

(g) That the Dos Hermanas-Yates-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 28: N/2 NE/4

(h) That the High Lanesome 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 12: SW/4
Section 13: NW/4

(i) That the Justis-Elnebry 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: E/2
Section 25: E/2
Section 36: E/2 & SW/4

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Case No. 1581
Order No. R-1324

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

TOWNSHIP 28 SOUTH, RANGE 37 EAST, NMPM
Section 24: NW/4

(k) That the Loco Hills 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 8: N/2
Section 17: N/2 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 18: W/2 & W/2 NE/4

(m) That the vertical limits of the East Millman-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same are hereby extended to include therein the Grayburg formation, and further, that the name of said East Millman-Queen Pool be changed to East Millman Queen-Grayburg Pool.

(n) 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 18 SOUTH, RANGE 28 EAST, NMPM
Section 13: N/2 & SW/4
Section 22: N/2
Section 23: NW/4

(o) 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 21: N/2 SE/4 & SW/4 SE/4
Section 33: NW/4

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

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 24: SW/4

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Case No. 1521
Order No. R-1224

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

TOWNSHIP 12 SOUTH, RANGE 31 EAST, NMPN
Section 27: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPN
Section 12: NW/4

(s) That the South Vacuum-Bone Springs 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, NMPN
Section 22: E/2
Section 27: W/2

IT IS FURTHER ORDERED:

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

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

ir/

Case 1581:

(a) Creation of new pool.

Disc. Well - Harvey E. Yates-Yates State #1 in Unit G of Sec. 32-18-30.

Completed in San Andres 11-18-58. Top of Perfs. 3834.

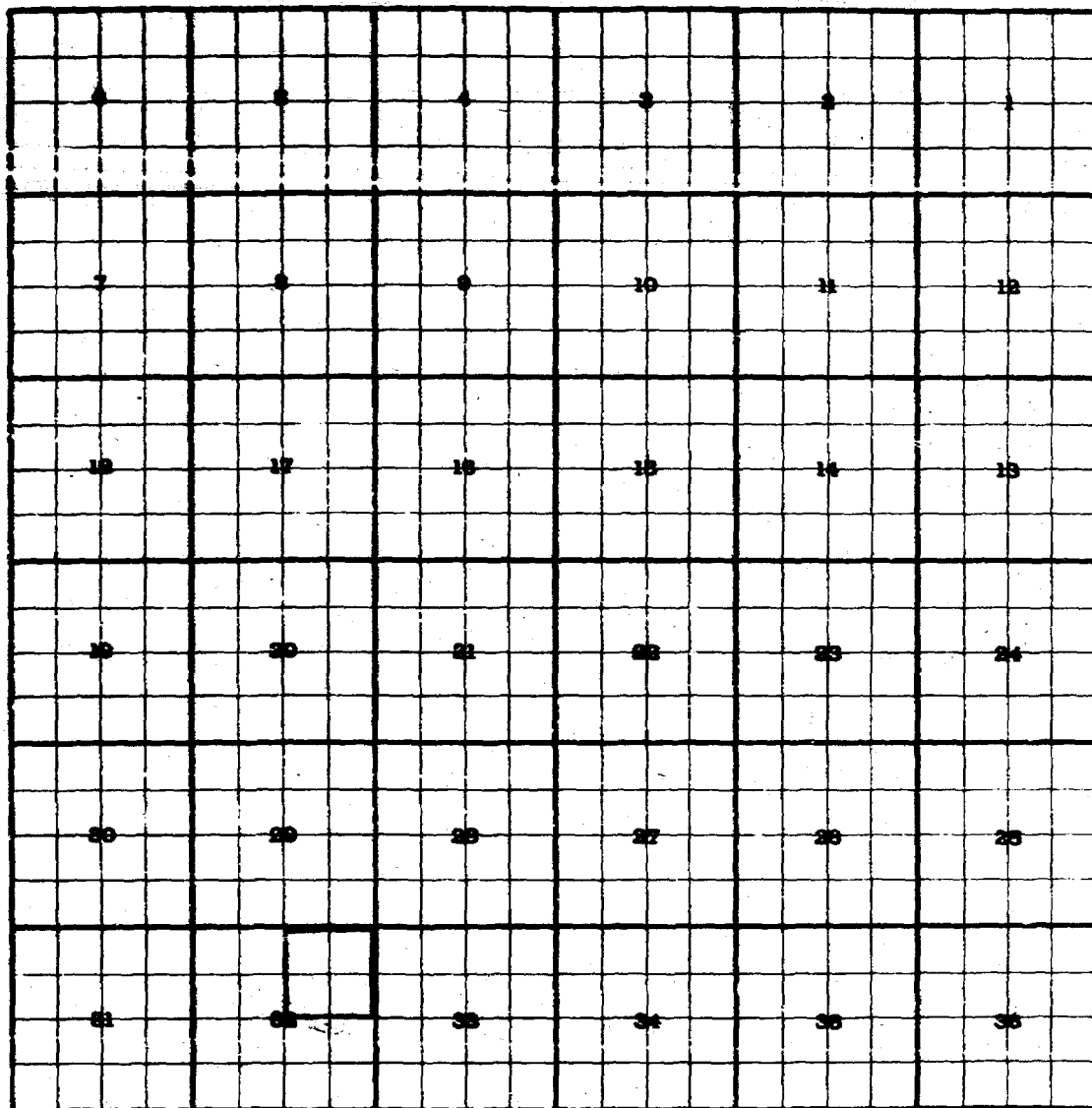
County

Eddy

Pool

South Loco Hills-San Andres

TOWNSHIP 18 South, RANGE 20 East, NEW MEXICO PRINCIPAL MERIDIAN



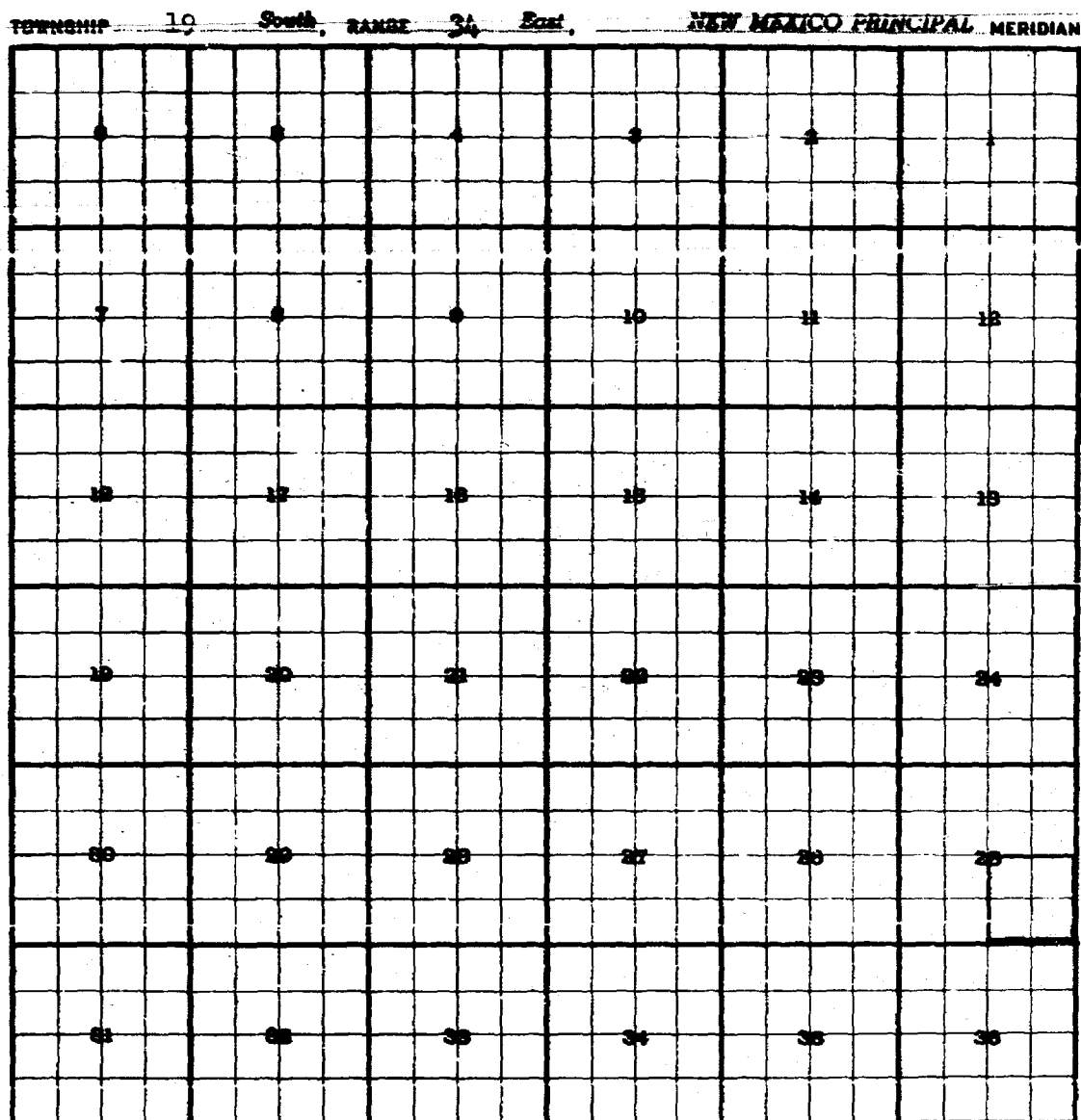
Purpose: One completed well capable of producing.

Proposed Pool Boundary colored in red: NE 1/4 Section 32

Case 1581: (b) Creation of new pool.

Disc. Well - Cabot Carbon Co.-Federal #1 in Unit P of Sect 25-19-34.

Comp. in Seven Rivers 11-8-58. Top of Perfs. 4085.
County Lea Pool West Pearl- Seven Rivers



Purpose: One completed well capable of producing.

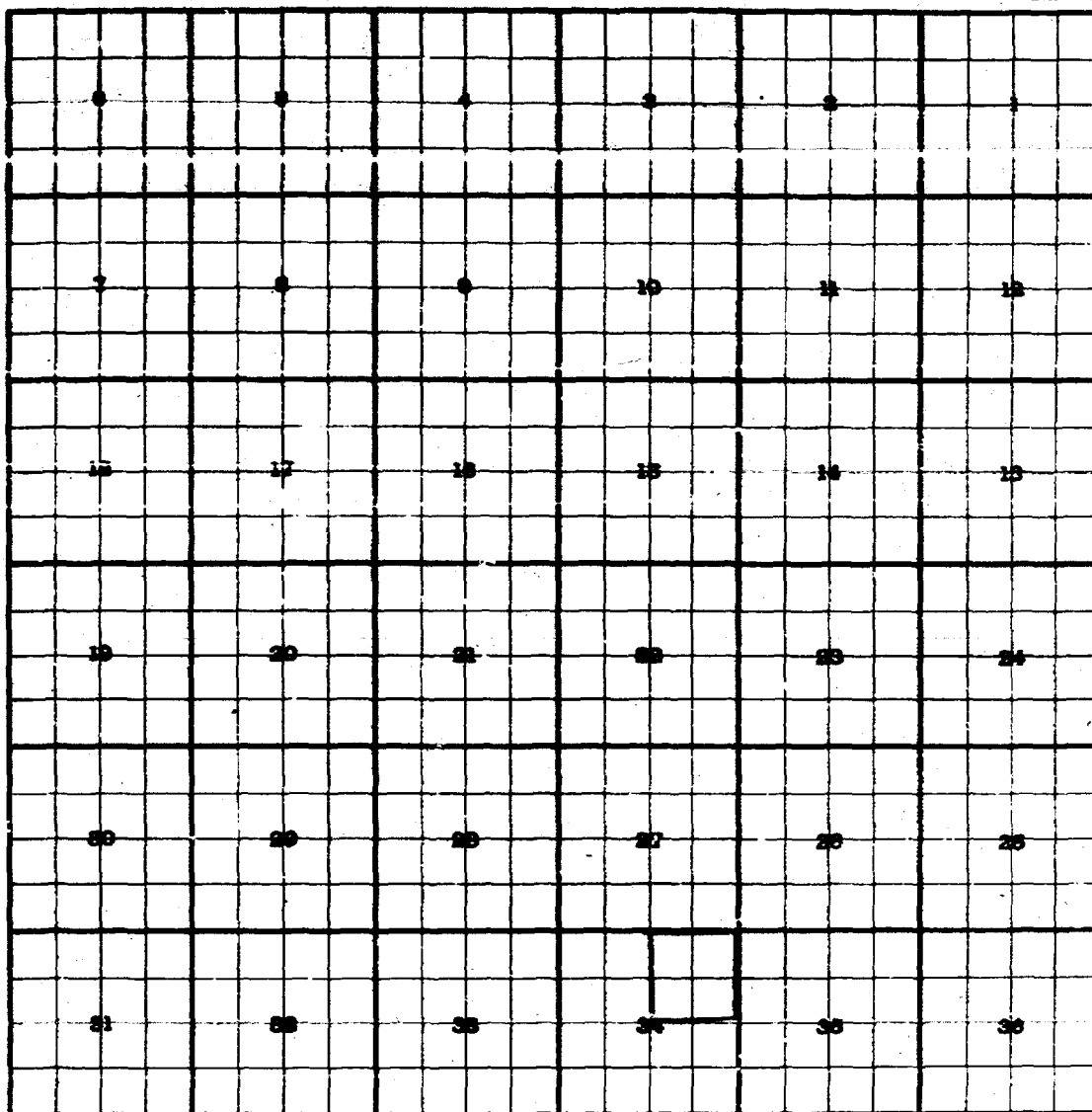
Proposed Pool boundary colored in red: SE/4 Section 25

Case 1581: (c) Creation of new pool.

County Eddy Pool North Red Lake-Queen

Disc. Well - Kinkaid & Watson - South Union Federal #4 in Unit G of Sec. 34-16-28.
Completed in Queen 11-6-58. Depth to Casing Shoe 1477.

TOWNSHIP 16 South, RANGE 28 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing.

Proposed pool boundary colored in red: NE/4 Section 34.

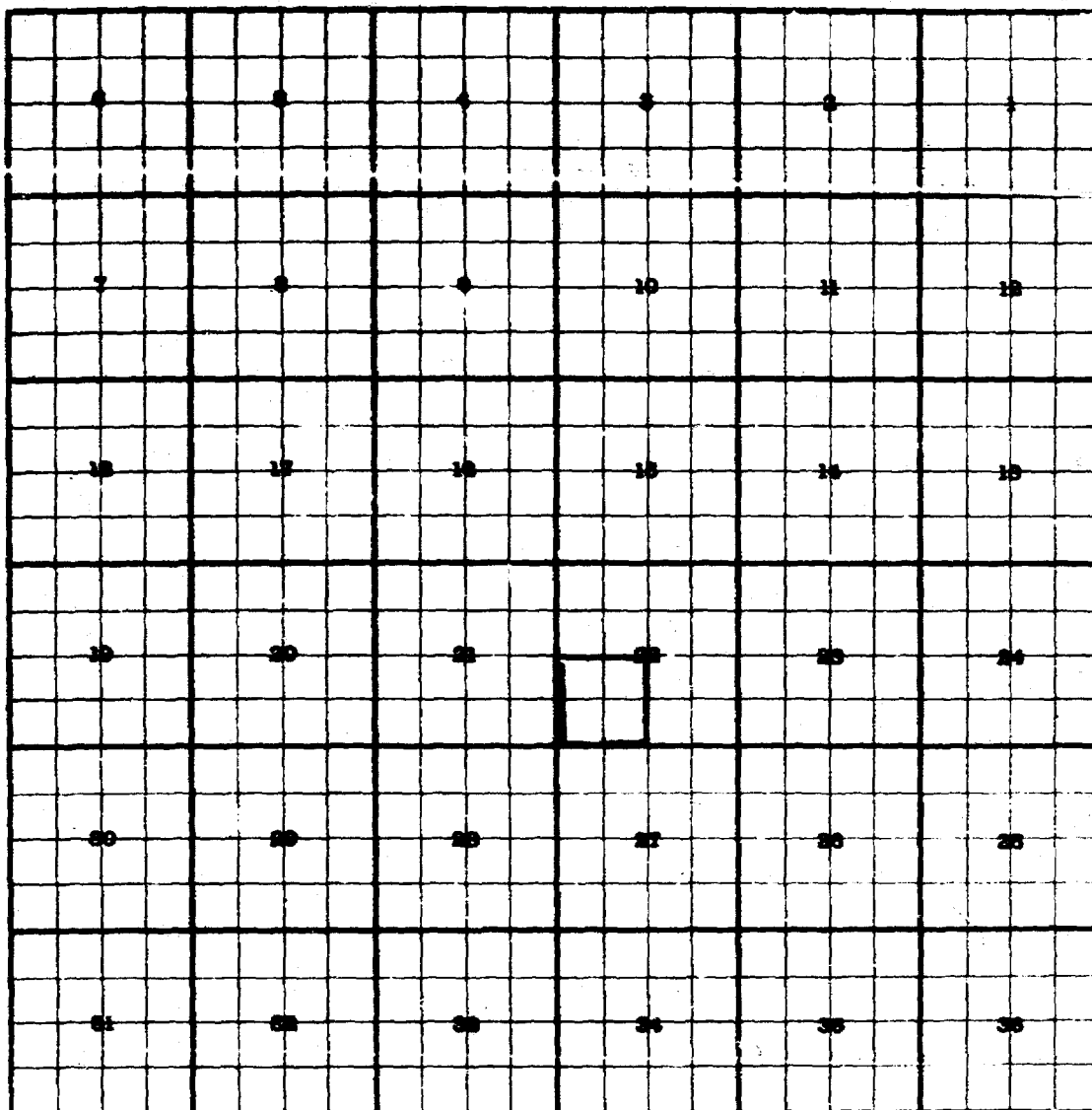
CASE 1581: (d) CREAT A NEW POOL.

County EDDY

Pool SHUGART DELAWARE

Disc. Well - Gulf Oil Corp.-Federal Littlefield "AB" #1 in Unit M of Sec. 22-18-31
Completed in Delaware 11-10-58. Top of perforations 4970'.

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



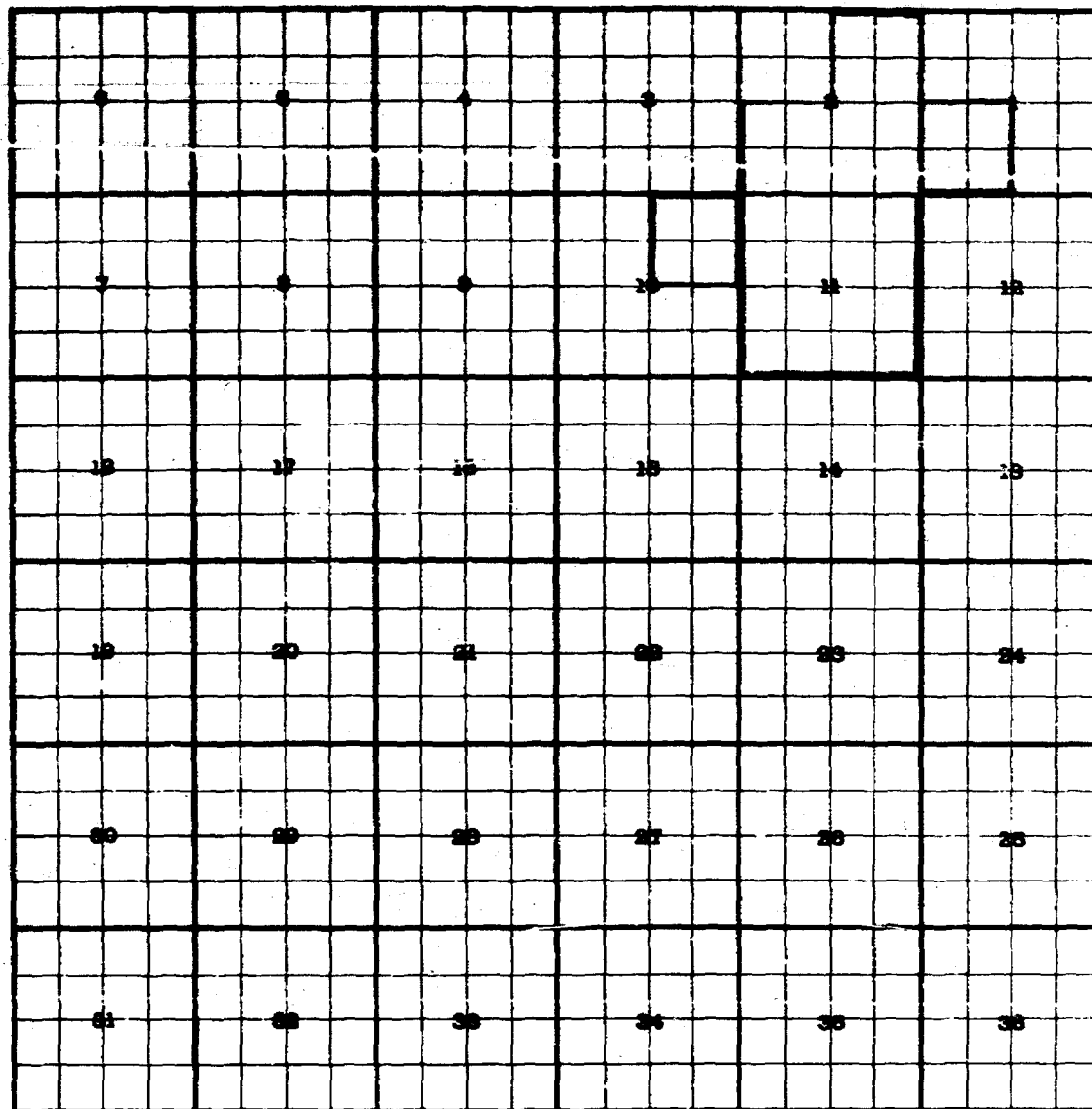
Purpose: One completed well capable of producing.

Proposed pool boundary colored in red: SW/4 Section 22

CASE 1581: (e) Extension of an existing pool.

County Lea Pool Allison Pennsylvanian

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



Purpose: One completed well capable of producing.

Trice Production Company - Merrell Lease #1 in Unit H of Sec. 10-9-36.

Completed in Pennsylvanian (Bough C) 10-29-58. Top of Perf. 9793.

Pool boundary colored in red.

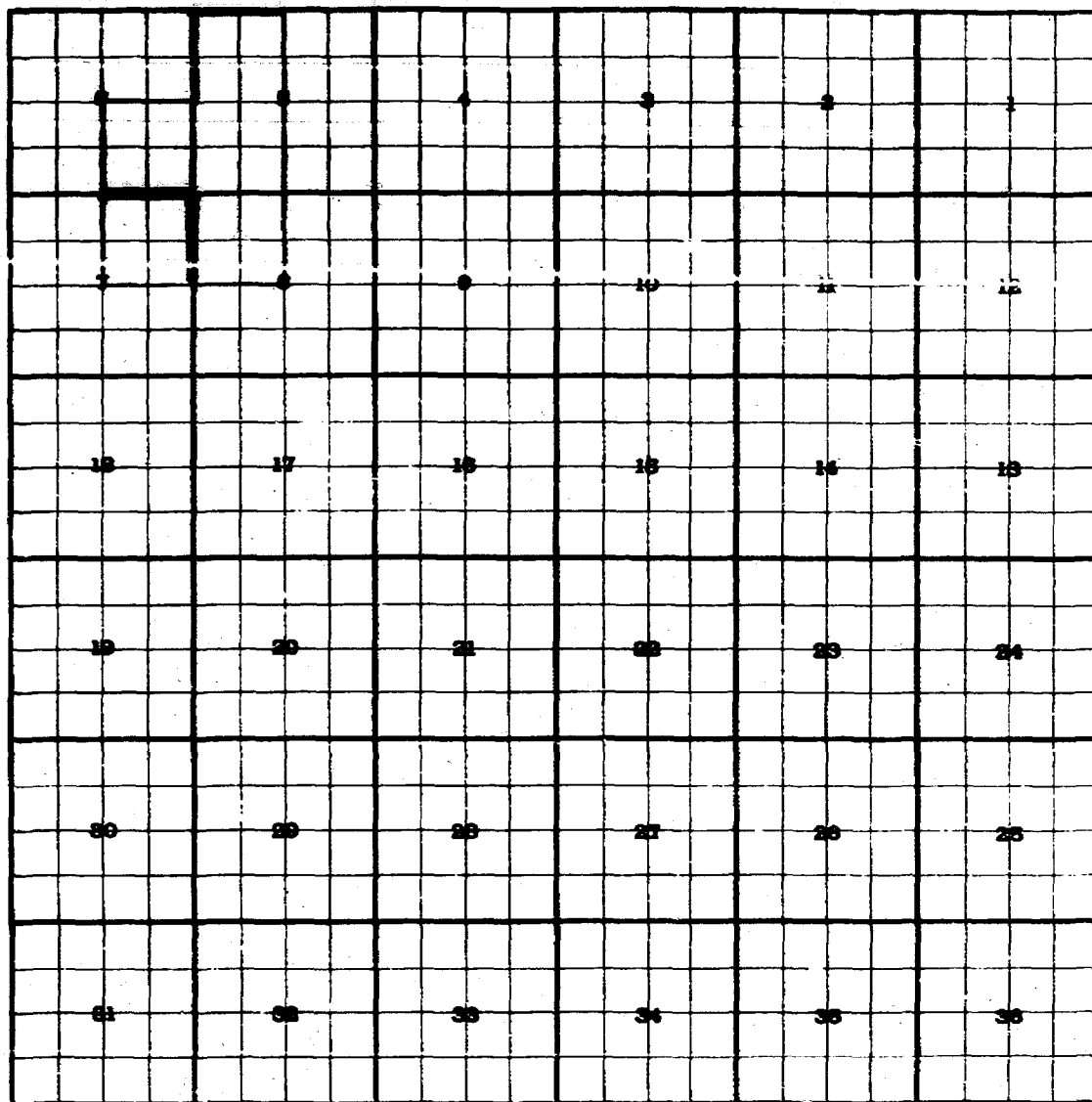
Proposed extension colored in green: Section 10: NE/4

CASE 1581: Extension of an existing pool.

(f)

County LEA Pool SOUTH CARTER-SAN ANDRES

TOWNSHIP 18 South RANGE 39 East NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing.

Heath, Humbard & Long Opr. Co.-Carter A #1 in Unit A of
Sec. 7-18-39.

Completed in Sanandres 10-13-58. Depth to Casing Shoe 5075.

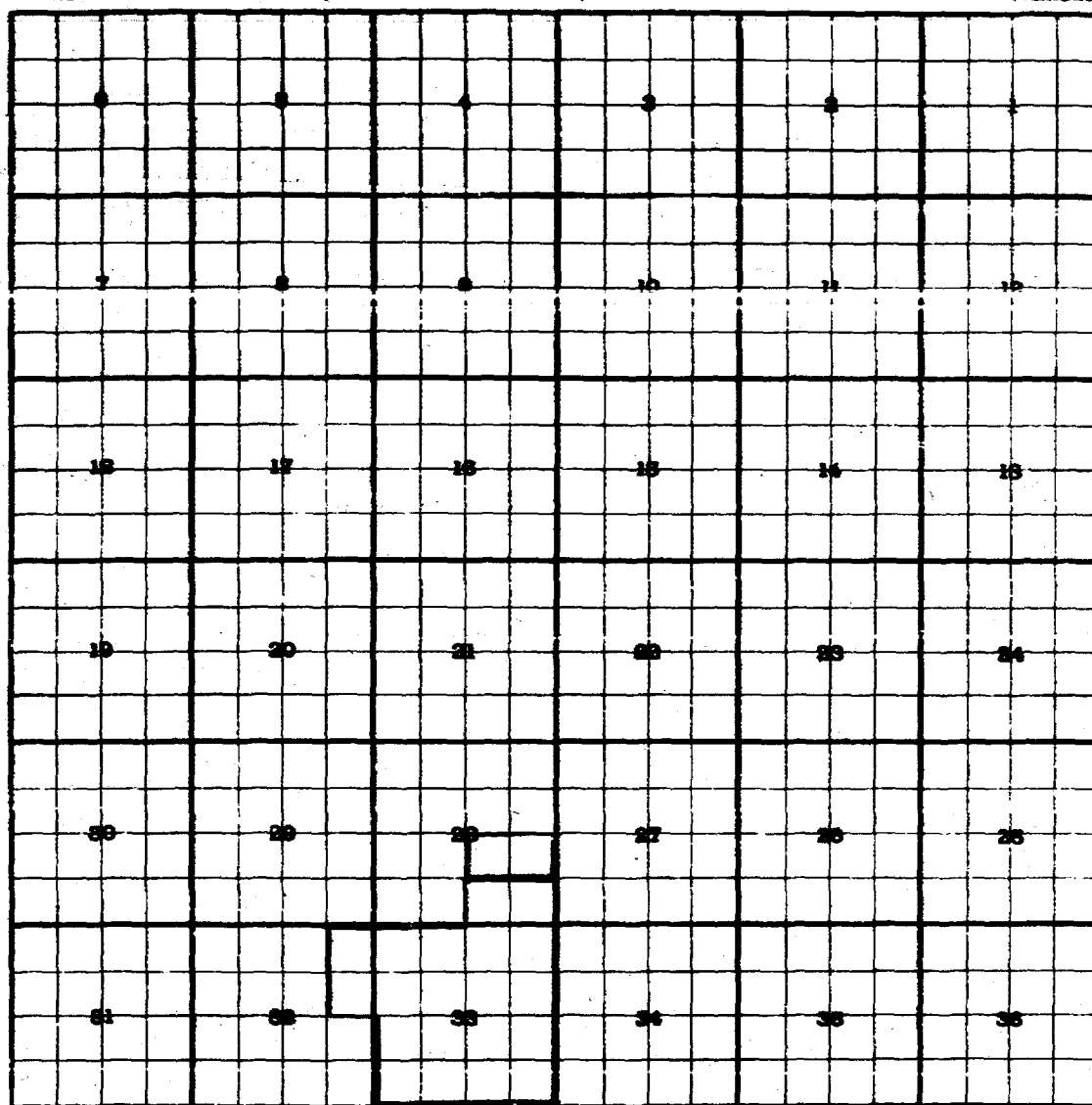
Pool boundary colored in red.

Proposed extension colored in green: Section 7: NE/4

CASE 1581: (g) Extension of an existing pool.

County EDDY Pool DOS HERMANOS YATES SEVEN RIVERS

TOWNSHIP 20 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing.

John H. Trigg-Federal M #6-28 in Unit J of Sec. 28-20-30

Completed in Yates Dolomite 10-26-58. Depth to Casing Shoe 1639.

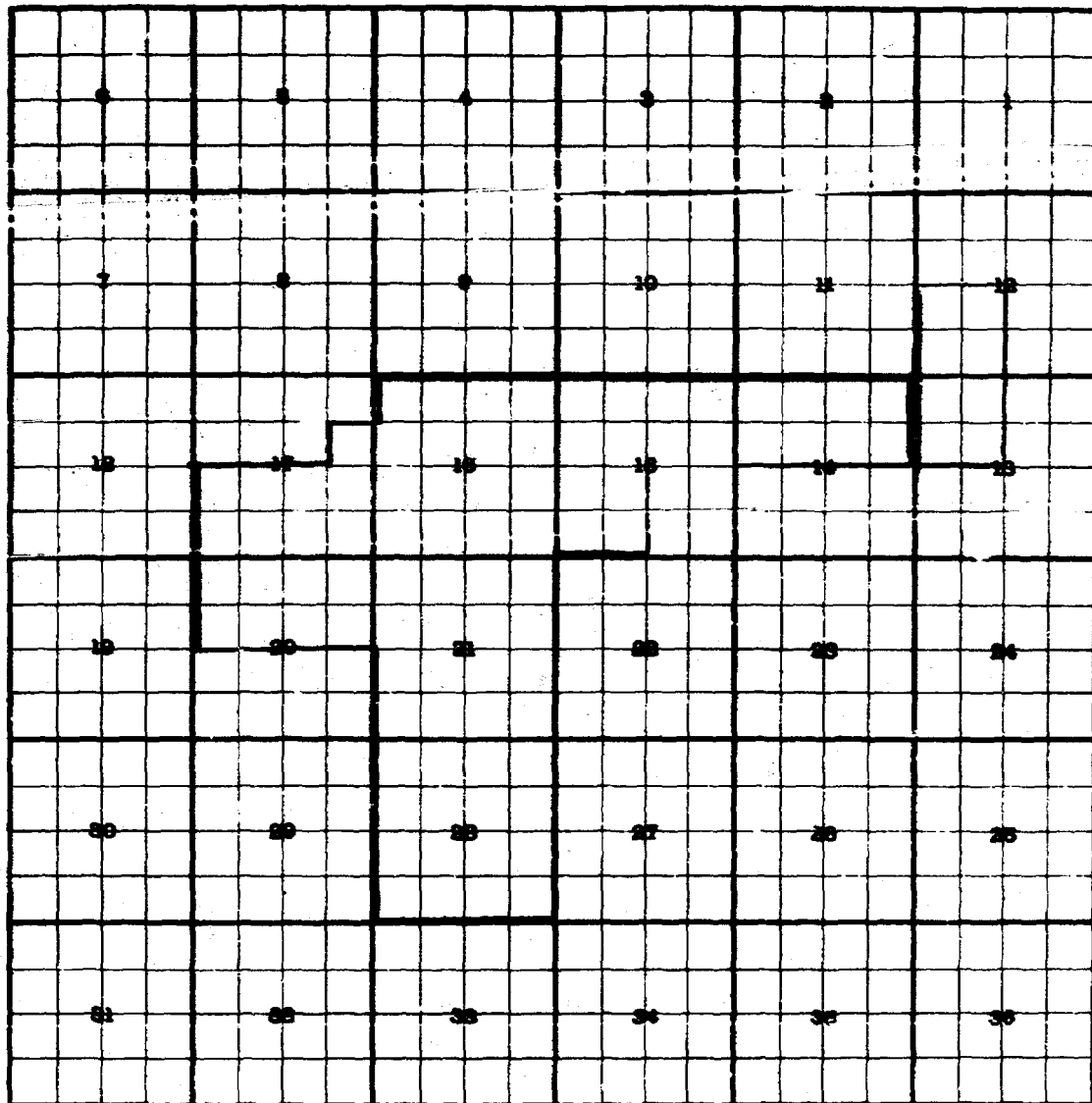
Pool boundary colored in red.

Proposed extension colored in green: Section 28: N/2 SE/4

C ASE 1581: (h) Extension of an existing pool.

County EDDY Pool HIGH LONESOME

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



Purpose: One completed well capable of producing.

General American Oil Co. - Brewer #2 in Unit M of Section 12-16-29.

Completed in Penrose 10-16-58. Top of perforations 2060.

Pool boundary colored in red.

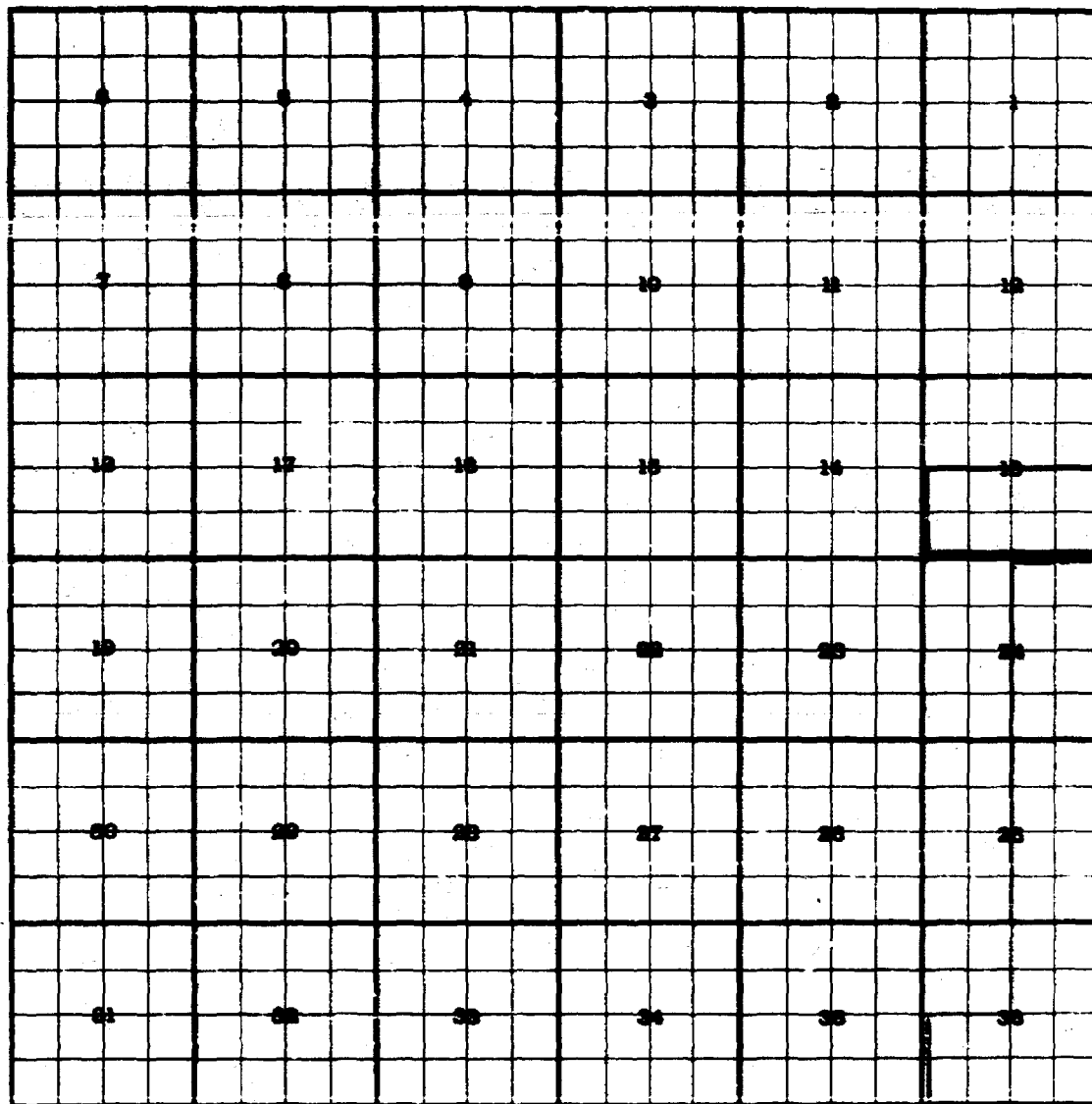
Proposed extension colored in green: Section 12: SW/4

Section 13: NW/4

CASE 1581: (i) Extension of an existing pool.

County LEA Pool JUSTIS-BLINEBRY

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



Purpose: One completed well capable of producing.

Gulf Oil Corp.-Vinson Ramsay(NCT-B) #6 in Unit K of Sec. 36-25-37

Completed in Blinebry 10-13-58. Top of perforations 5359

Pool boundary colored in red.

Proposed extension colored in green. Section 24: E/2

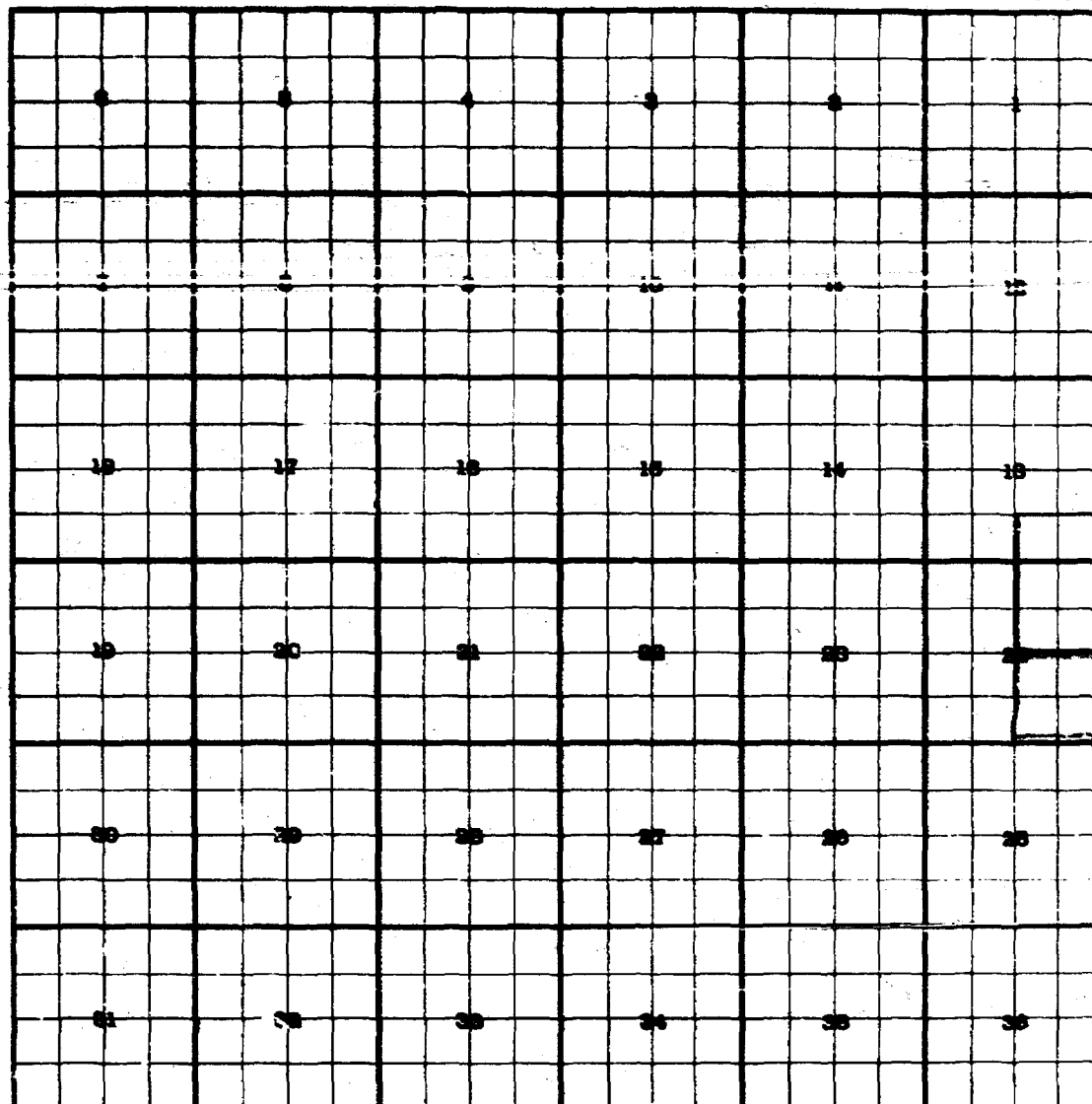
Section 25: E/2

Section 36: E/2 & SW/4

CASE 1581: (j) Extension of an existing pool.

County LEA Pool JUSTIS-McKEE

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



Purpose: One completed well capable of producing.

Tidewater Oil Co.-A. B. Coates "C" #16 in Unit 0 of Sec. 24-25-37

Completed in McKee 10-27-58. Top of perforations 7480

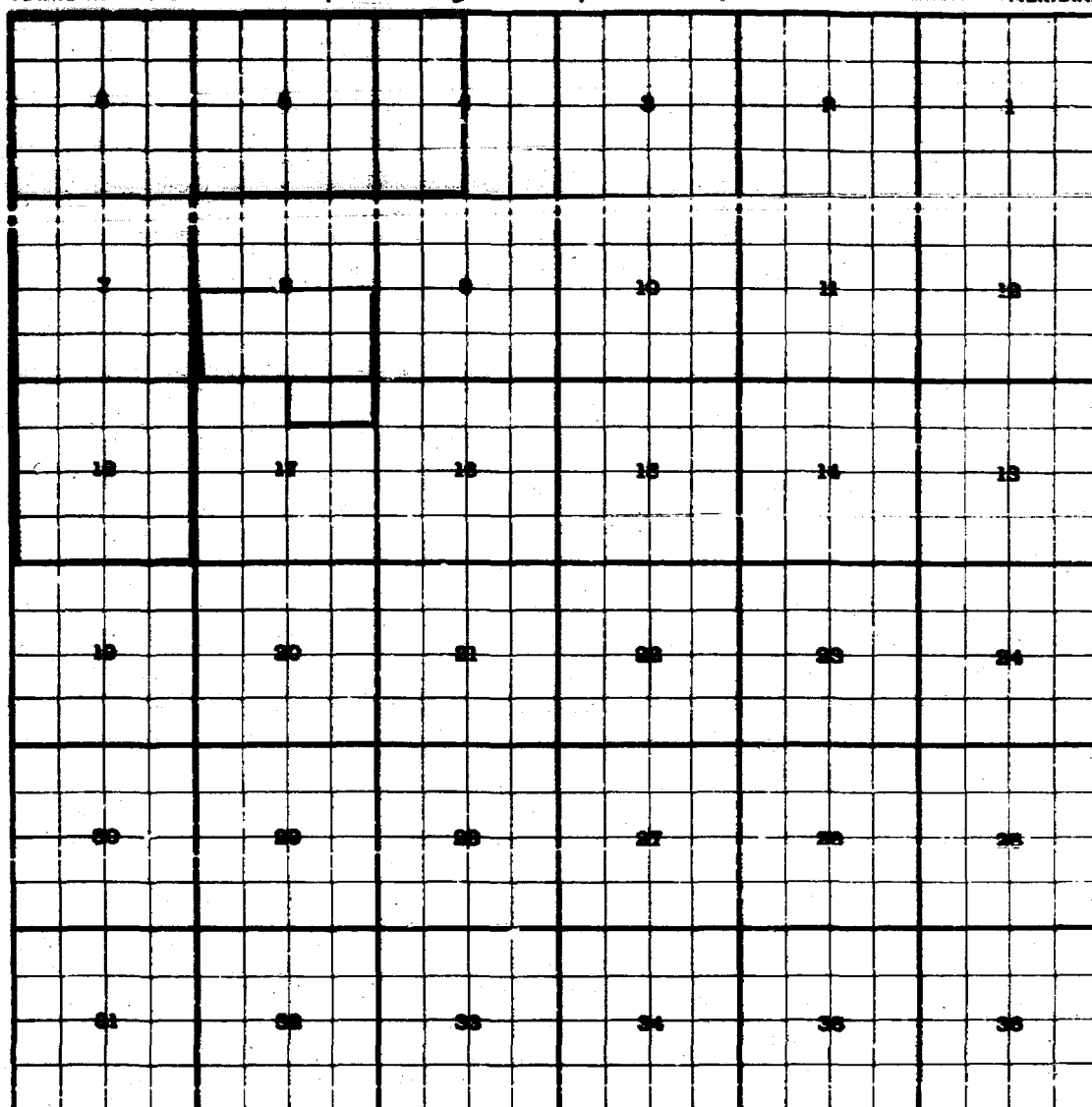
Pool boundary colored in red.

Proposed extension colored in green. Section 24: SE/4

CASE 1581: (k) Extension of an existing pool.

County EDDY Pool LOCO HILLS

TOWNSHIP 18 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Two wells capable of producing.

Franklin, Aston & Fair-Masteller #2A in Unit O of Sec. 8-18-30
Completed in Loco Hills 9--2-58. Top of perforations 2887

UNADVERTISED: Franklin, Aston & Fair-Masteller B #1 in Unit A of Sec. 17-18-30
Completed in Loco Hills 11-26-58. Top of perforations 2882

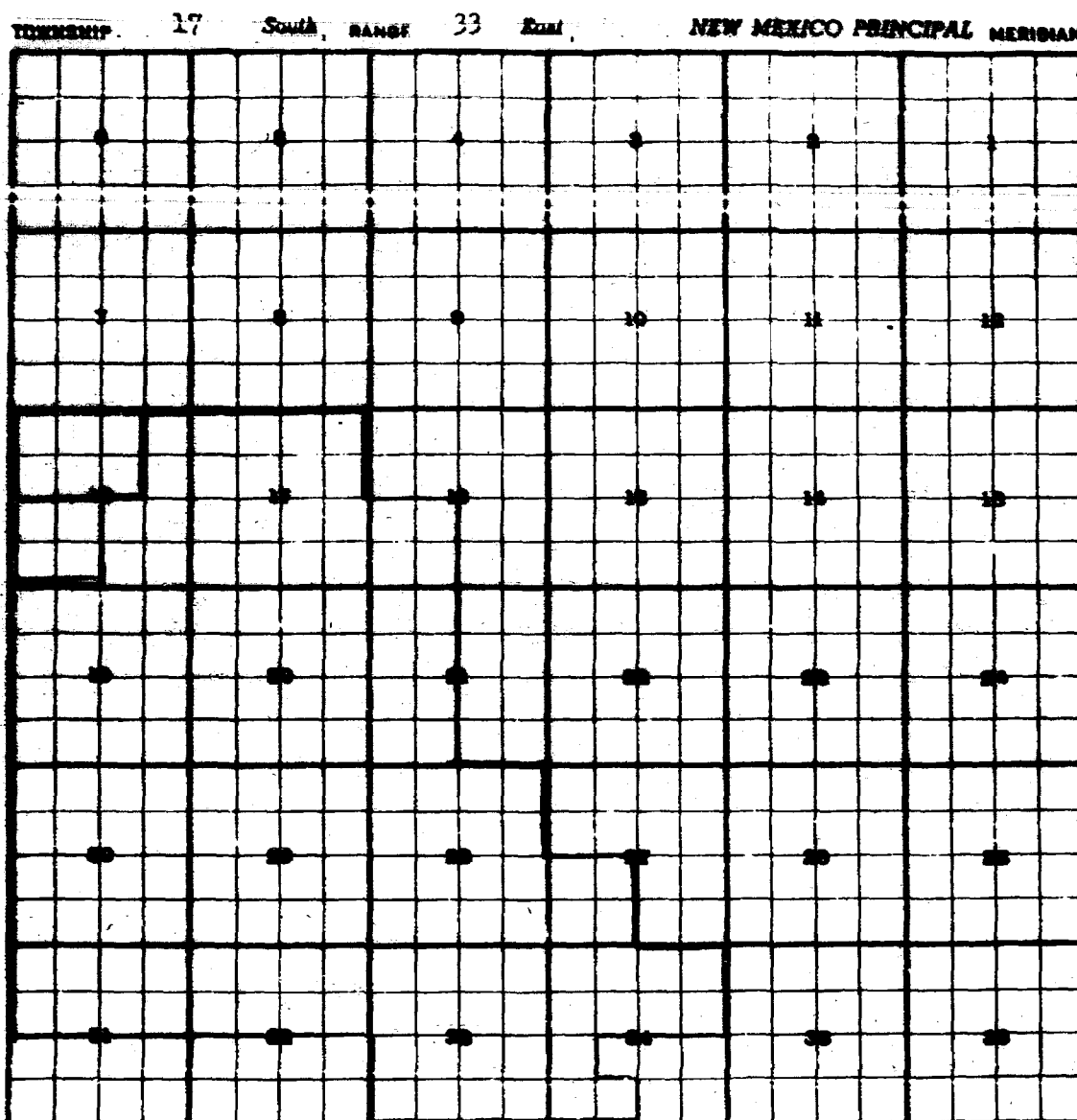
Pool boundary colored in red.

Proposed extension colored in green: Section 8: 8/2

UNADVERTISED: Section 17: N/2 NE/4

CASE 1581: (1) Extension of an existing pool.

County LEA Pool MALJAMAR



Purpose: Four completed wells capable of producing.

Murphy H. Baxter-State 18-13 #7 in Unit M of Sec. 18-17-33

Completed in Grayburg-San Andres 10-30-58. Top of perfs. 4092

Murphy H. Baxter-State 18-13 #8 in Unit N of Sec. 18-17-33

Completed in Grayburg-San Andres 10-18-58. Top of perfs. 4126

UNADVERTISED: Murphy H. Baxter-State 18-B #8 in Unit B of Sec. 18-17-33

Completed in Grayburg-San Andres 11-21-58. Top of perfs. 4238

UNADVERTISED: Murphy H. Baxter-State 18-B #7 in Unit G of Sec. 18-17-33

Completed in Grayburg-San Andres 12-10-58. Top of perfs. 4214

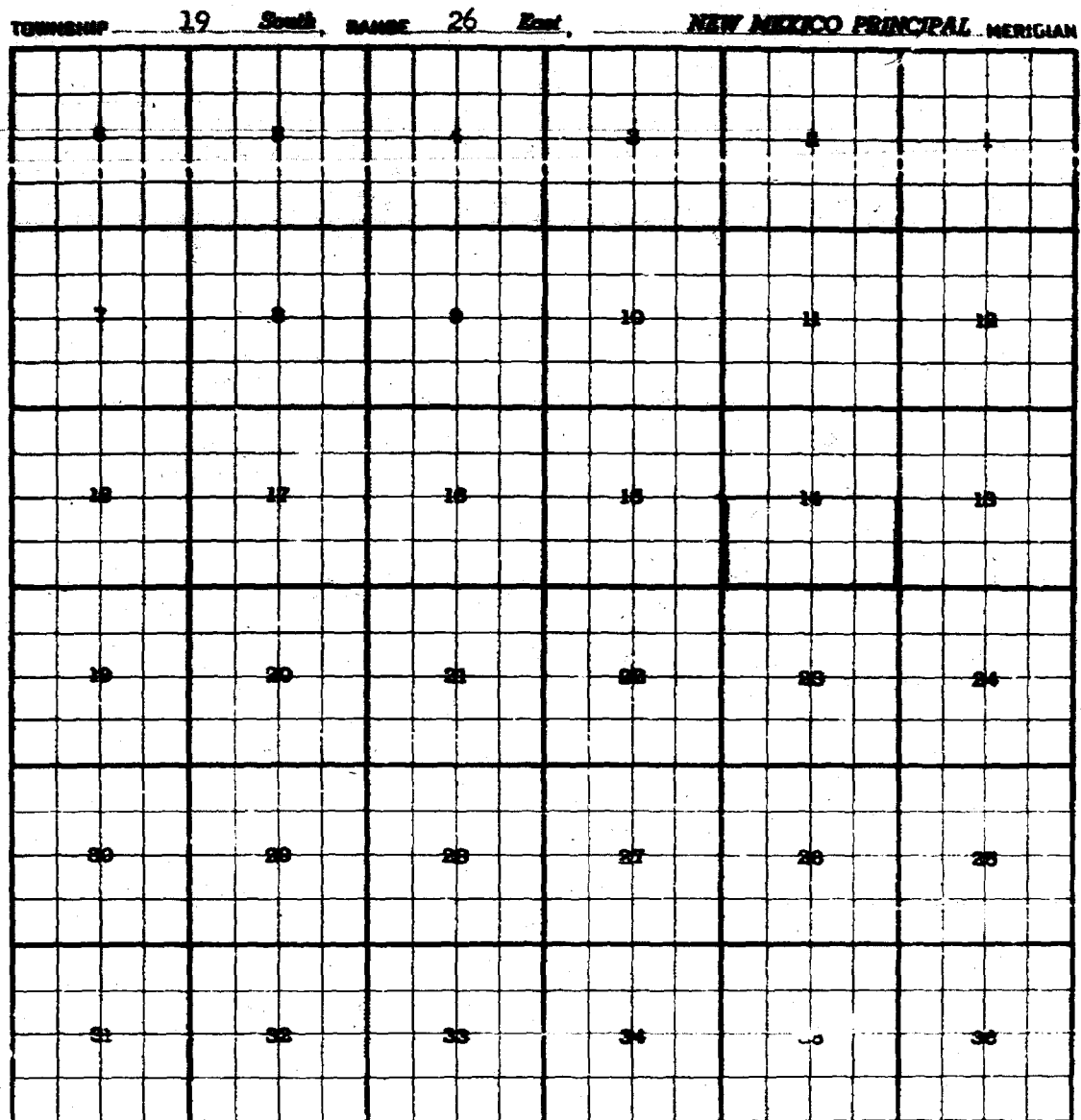
Pool boundary colored in red.

Proposed extensions colored in green: Section 18: SW/4

UNADVERTISED: Section 18: NW/4 & 1/2 of NE/4

CASE 1581: (m) Extension of vertical limits of an existing pool.

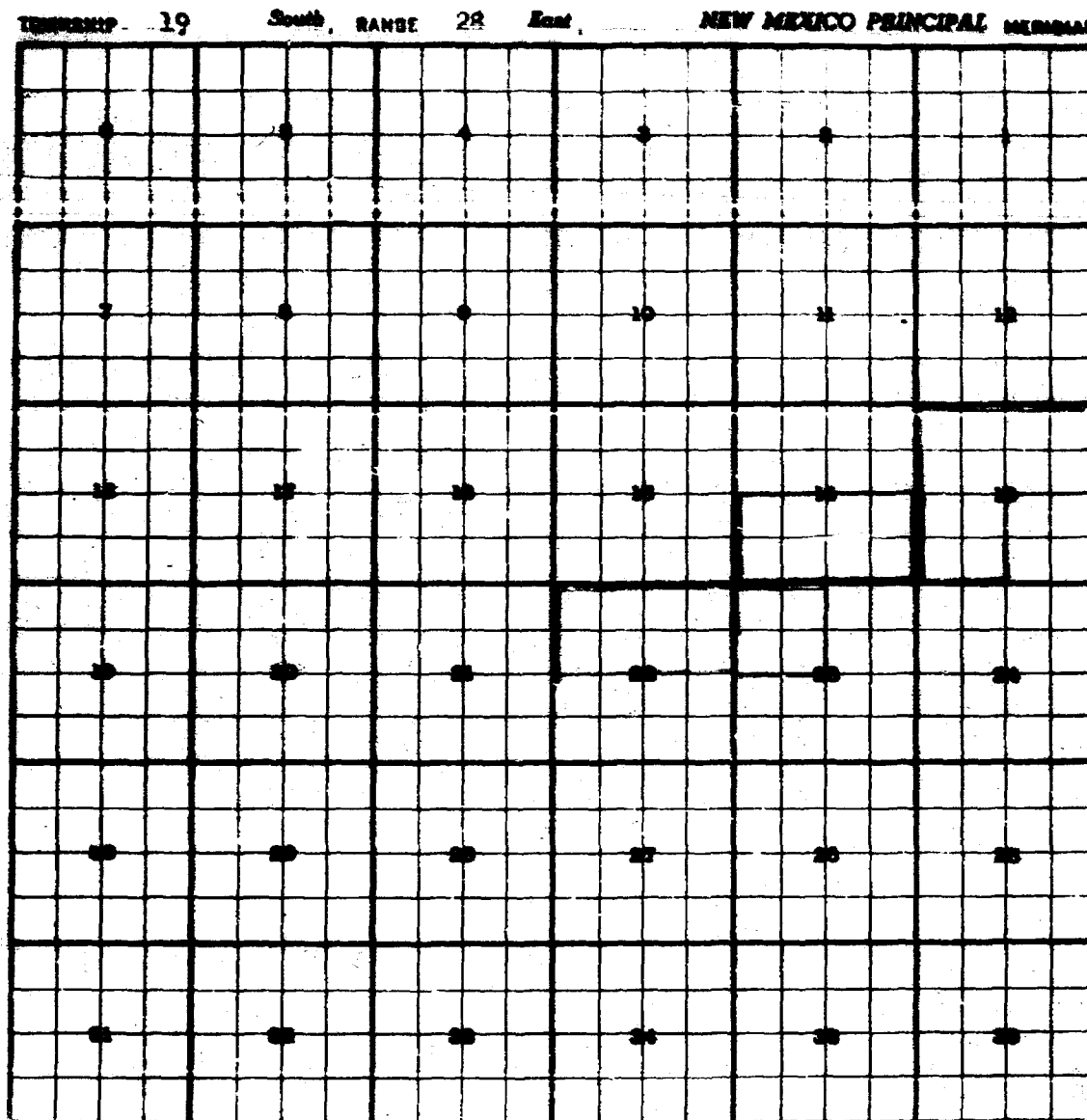
County EDDY Pool EAST MILLMAN-QUEEN



Purpose: To extend the vertical limits of the East Millman Queen Pool
to include the Grayburg formation.

CASE 1581: (n) Extension of an existing pool

County EDDY Pool EAST MILLMAN-QUEEN-GRAYBURG



Purpose: Three completed wells capable of producing.

W. C. Welch-Featherstone Federal #1 in Unit D Section 22-19-28

Completed in Queen 11-30-58. Top of perfs. 1773

Sunray Mid-Continent Oil Co.-N.M. State "O" #1 in Unit C of Sec. 13-19-28

Completed in Grayburg 12-4-58. Top of perms. 2125

John W. Gates-Elliott Parcel #3 in Unit H of Sec-13-19-28

Completed 12-2-58 in Grayburg. Top of perms 2190

Pool boundary colored in red.

Proposed extension colored in green: Section 13: N/2 & SW/4

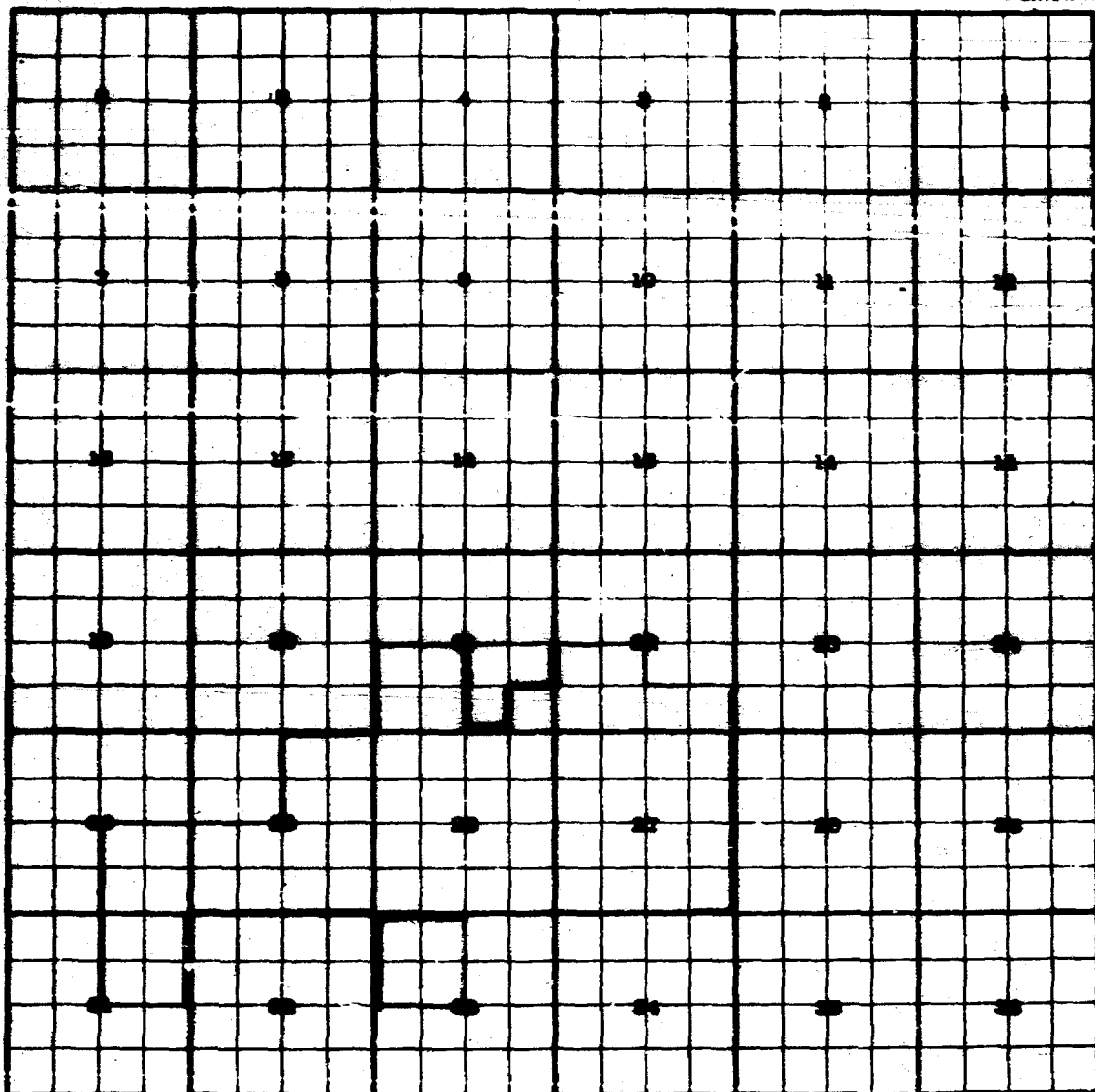
~~Section 22: N/2~~

Section 23: NW/4

CASE 1581: (c) Extension of an existing pool.

County LEA Pool PEARL QUEEN

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



Purpose: Three completed wells capable of producing.

Gulf Oil Corporation-Lea State BG #1 in Unit D of Sec. 33-19-35

Completed in Queen 10-27-58. Top of perms. 4773

Gulf Oil Corporation-Lea State BG #2 in Unit C of Sec. 33-19-35

Completed in Qusen 12-2-56. Top of page 4758

Shell Oil Company-McIntosh "D" #2 in Unit I of Sec. 21-19-35

Completed in Queen 11-24-58. Top of perms. 4832.

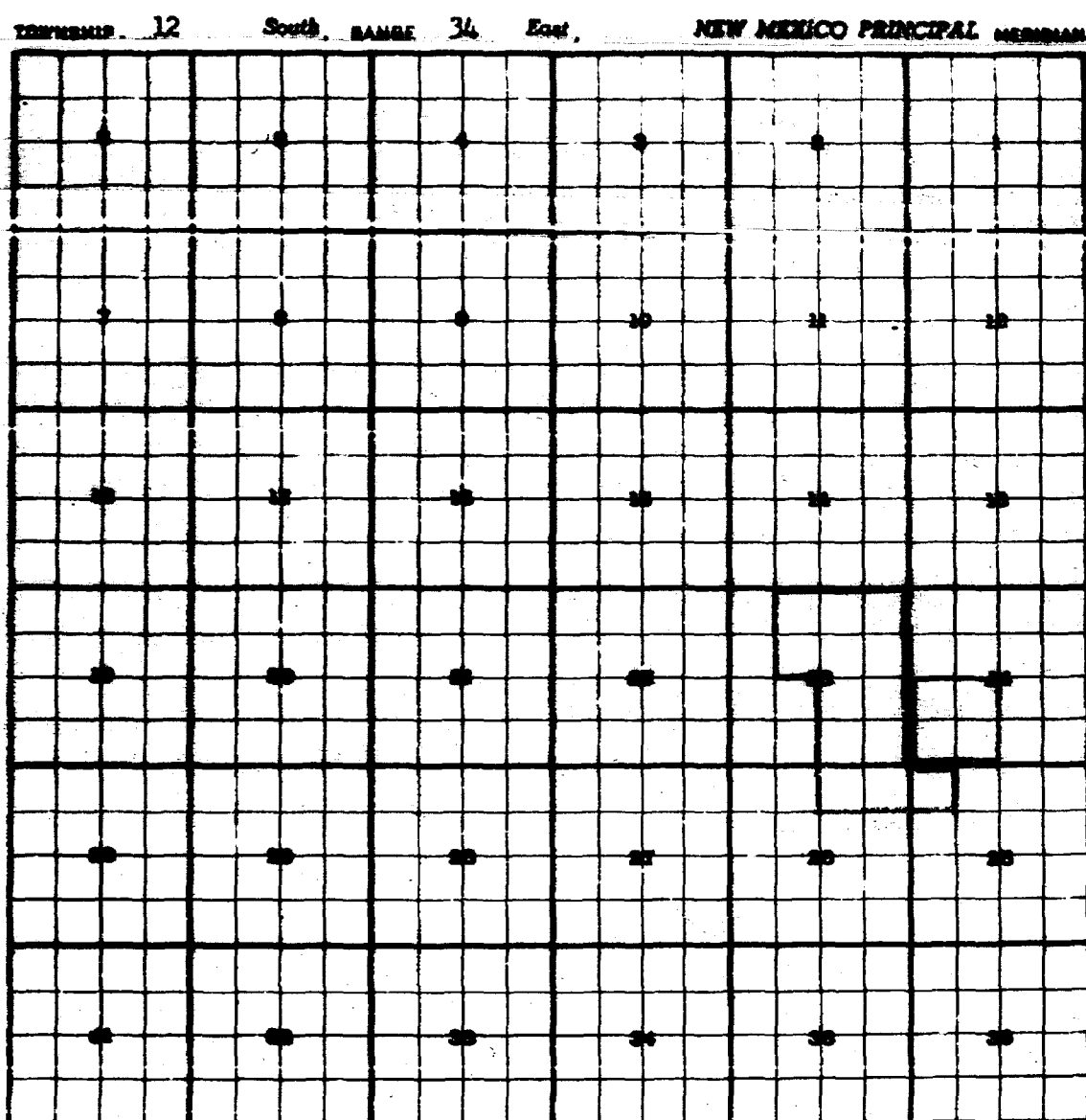
Pool boundary colored in red.

Proposed extensions colored in green: Section 21: N/2 SE/4 & SW/4 SE/4

Section 33: NW/4

CASE 1561: (p) Extension of an existing pool

County LEA Pool RANGER LAKE PENNSYLVANIAN



Purpose: One completed well capable of producing.

Gordon M. Cone-State "24" #2 in Unit M of Sec. 24-12-34

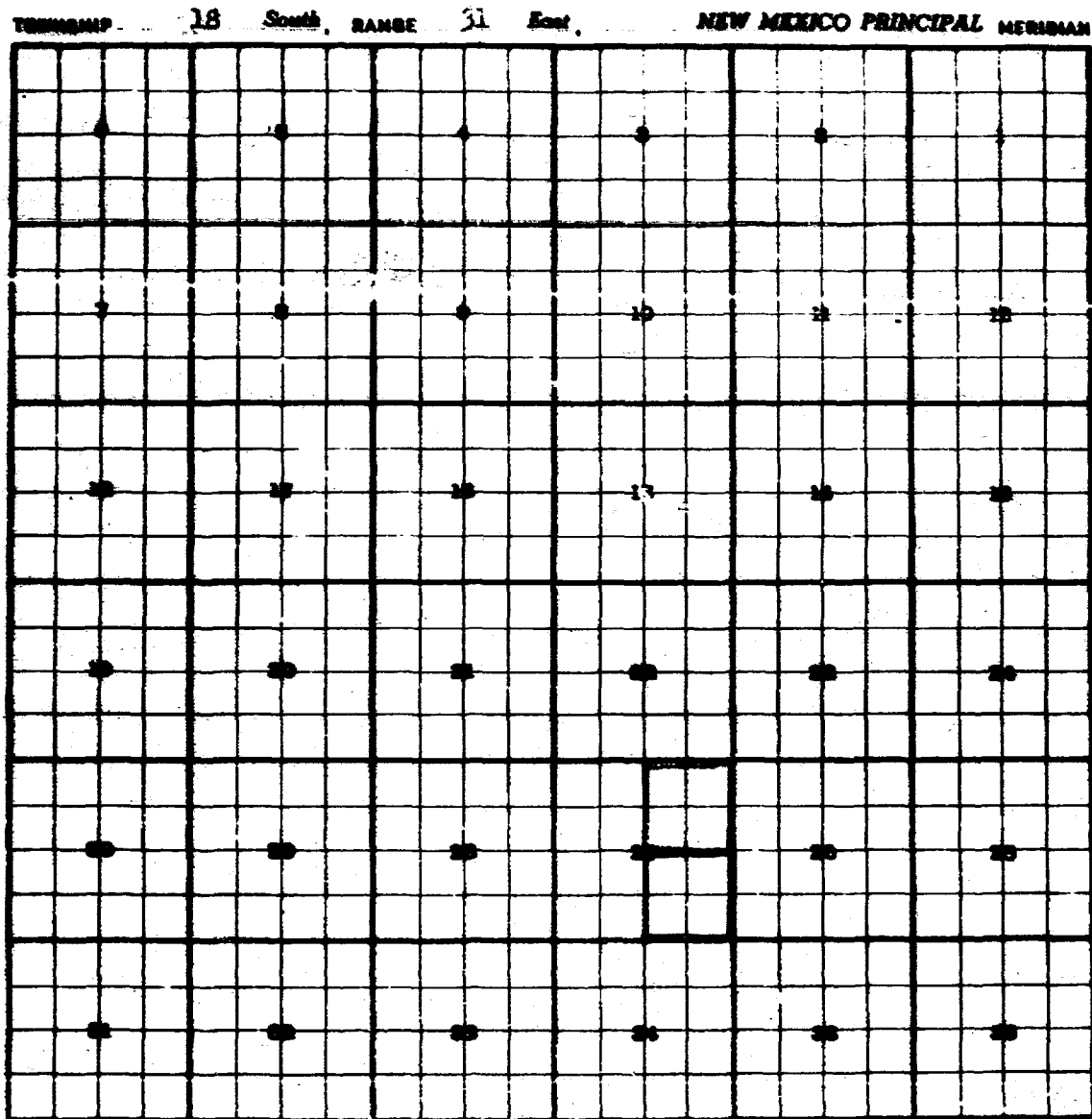
Completed in Pennsylvanian 11-5-58. Top perforations 10,310

Pool boundary colored in red.

Proposed extension colored in green: Section 24: SW/4

CASE 1581: (q) Extension of an existing pool.

County EDDY Pool SHUGART SILURO DEVONIAN GAS



Purpose: One completed well capable of producing.

Pan American Petroleum Corp.-Greenwood Unit #3 in Unit H of
Sec. 27-18-31.

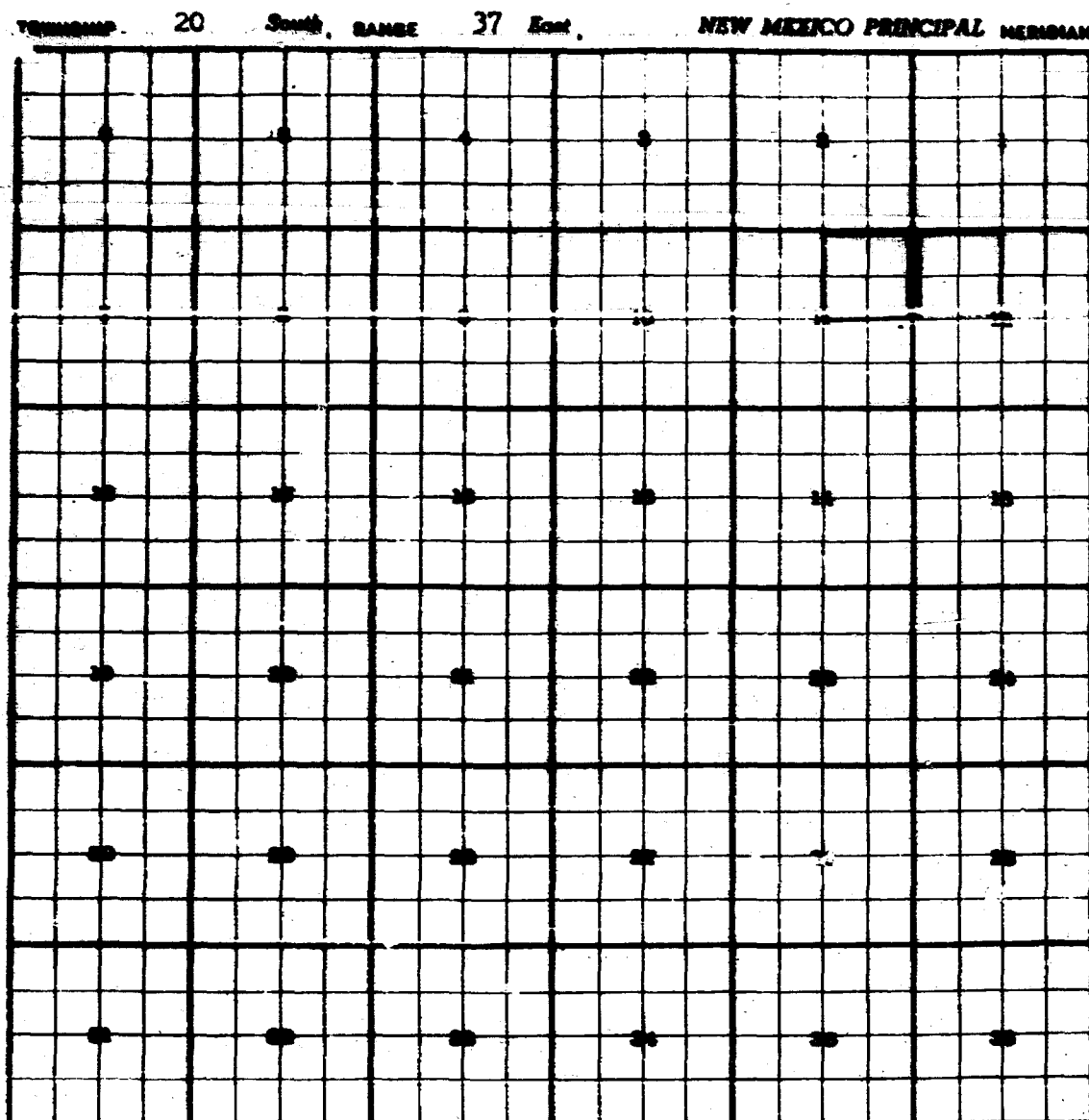
Completed in Devonian 7-29-58. Top of perforations 12,560

Pool boundary colored in red.

Proposed extension colored in green: Section 27: NE/4

CASE 1581: (r) Extension of an existing pool

County LEA Pool SKAGGA-GLORIETA



Purpose: One completed well capable of producing.

Continental Oil Company-Skaggs R-12 #1 in Unit D of Sec. 12-20-37

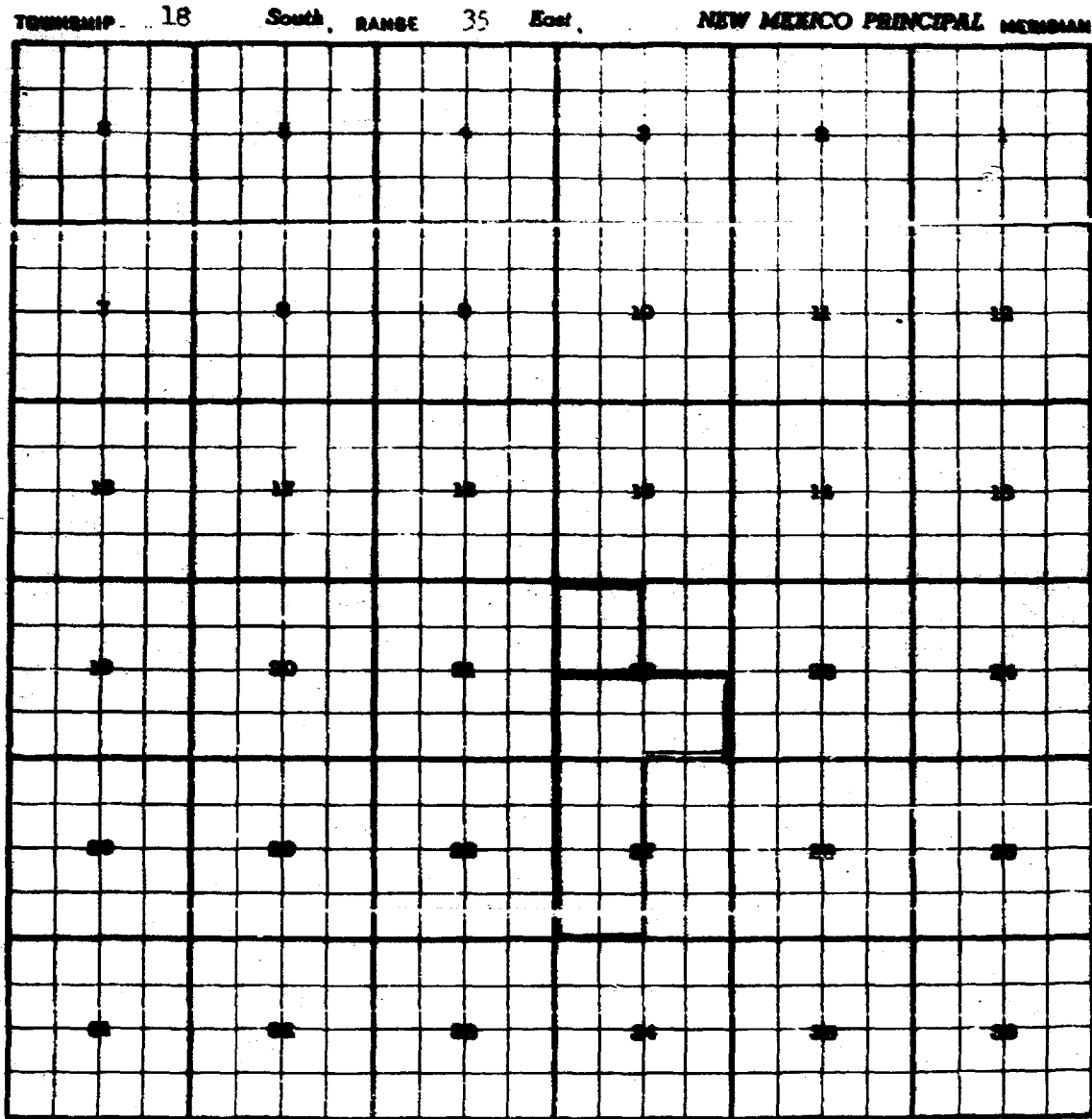
Completed in Glorieta 11-7-58. Top of perforations 5287.

Pool boundary colored in red.

Proposed extension colored in green: Section 12: NW 1/4

CASE 1581: (s) Extension of an existing pool

County LEA Pool SOUTH VACUUM BONE SPRINGS



Purpose: Two completed wells capable of producing.

J. L. Hamon-Texas Gulf State A #1 in Unit K of Sec. 27-18-35

~~Completed in Pennsylvanian 5-15-58. Top of perforations 10,788~~

~~The Pure Oil Co. - State Lea F #1 in Unit I of Sec. 22-18-35~~

Completed in Leonard (Lower Bone Springs) 6-12-58. Top of perfs. 8795.

Pool boundaries colored in red.

Proposed extensions colored in green: Section 22: 3/2

Section 27: N/2

OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools and the extension of existing pools in Lea and Eddy 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 South Loco Hills-San Andres Pool, and described as:

Twp. 18 South, Range 30 East,
Section 32: NE/4

and such other, etc.

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

Twp. 19 South, Range 34 East,
Section 25: SE/4

and such other, etc.

(c) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, designated as the North Red Lake-Queen Pool, and described as:

Twp. 16 South, Range 28 East,
Section 34: NE/4

and such other, etc.

(d) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Shugart Delaware Pool, and described as:

Twp. 18 South, Range 31 East,
Section 22: SW/4

and such other, etc.

(e) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, designated as the Vandagriff Keyes-Queen Pool and described as:

Twp. 17 South, Range 28 East,
Section 3: NW/4

and such other, etc.

OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

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

Typ. 9 South, Range 36 East,
Section 10: NE/4

and such other, etc.

(g) Extend the South Carter-San Andres Pool boundary in Lea County, New Mexico, to include therein:

Typ. 18 South, Range 39 East,
Section 7: NE/4

and such other, etc.

(h) Extend the Dos Hermanos Yates Seven Rivers Pool boundary in Eddy County, New Mexico, to include therein:

Typ. 20 South, Range 30 East,
Section 28: E/2 SE/4

and such other, etc.

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

Typ. 17 South, Range 30 East,
Section 29: SE/4

and such other, etc.

(j) Extend the High Lonesome Pool boundary in Eddy County, New Mexico, to include therein:

Typ. 16 South, Range 29 East,
Section 12: SW/4
Section 13: NE/4

and such other, etc.

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

Typ. 25 South, Range 37 East,
Section 24: E/2
Section 25: E/2
Section 36: E/2 & SW/4

and such other, etc.

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

Typ. 25 South, Range 37 East,
Section 24: SE/4

and such other, etc.

OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

(m) Extend the Loco Hills Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 18 South, Range 30 East,
Section 8: S/2

and such other, etc.

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

Twp. 17 South, Range 33 East,
Section 18: SW/4

and such other, etc.

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

Twp. 19 South, Range 35 East,
Section 21: N/2 SW/4 & SW/4 SE/4
Section 33: NW/4

and such other, etc.

(p) Extend the Ranger Lake Pennsylvanian Pool boundary in Lea County, New Mexico, to include therein:

Twp. 12 South, Range 34 East,
Section 24: SW/4

and such other, etc.

(q) Extend the Stigart Siluro Devonian Gas Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 18 South, Range 31 East,
Section 27: NE/4

and such other, etc.

(r) Extend the Skaggs-Glorieta Pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Range 37 East,
Section 12: NW/4

and such other, etc.

(s) Extend the South Vacuum-Bone Springs Pool boundary in Lea County, New Mexico, to include therein:

Twp. 19 South, Range 35 East,
Section 22: S/2
Section 27: W/2

DOCKET: REGULAR HEARING JANUARY 14, 1959

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

- ALLOWABLE:**
- (1) Consideration of the oil allowable for February 1959
 - (2) Consideration of the allowable production of gas for February 1959 from six prorated pools in Lea County, New Mexico; also consideration of the allowable production of gas from seven prorated pools in San Juan and Rio Arriba Counties, New Mexico, for February 1959.

NEW CASES

- CASE 728** Application of El Paso Natural Gas Company for an order revising and amending Order No. R-586. Applicant, in the above-styled cause, seeks an order amending Order No. R-586 to extend the vertical limits of the Justis Gas Pool in Lea County, New Mexico.
- CASE 1308:** In the matter of the hearing required to be held by Order R-1069-B to permit all interested parties to appear and show cause why the Special Rules and Regulations set forth in Order R-1069-B should be continued beyond February 28, 1959.
- CASE 1557:** Application of Cities Service Oil Company for a hearing de novo before the Commission on its application for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing it to dually complete its State "P" No. 3 Well located 990 feet from the South and West lines of Section 32, Township 22 South, Range 38 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Blinbry Oil Pool and from an undesignated Glorieta oil pool through parallel strings of tubing.
- CASE 1581:** Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and the extension of existing pools in Eddy and Lea Counties, New Mexico:
- (a) Create a new oil pool for San Andres production, designated as the South Loco Hills-San Andres Pool, and described as:
- TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 32: NE/4
- (b) Create a new oil pool for Seven Rivers production, designated as the West Pearl-Seven Rivers Pool, and described as:
- TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 25: SE/4
- (c) Create a new oil pool for Queen production, designated as the North Red Lake-Queen Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 34: NE/4

- (d) Create a new oil pool for Delaware production, designated as the Shugart Delaware Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 22: SW/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 10: NE/4

- (f) Extend the South Carter-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 39 EAST, NMPM
Section 7: NE/4

- (g) Extend the Dos Hermanos Yates-Seven Rivers Pool to include:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 28: N/2 SE/4

- (h) Extend the High Lonesome Pool to include:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 12: SW/4
Section 13: NW/4

- (i) Extend the Justis-Blinbry Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 24: E/2
Section 25: E/2
Section 36: E/2 & SW/4

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

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

- (k) Extend the Loco Hills Pool to include:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 8: S/2

- (l) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 18: SW/4

(m) Extend the vertical limits of the East Millman-Queen Pool in Eddy County, New Mexico, to include therein the Grayburg formation.

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 13: N/2 & SW/4

Section 22: N/2

Section 23: NW/4

(o) Extend the Pearl Queen Pool to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 21: N/2 SE/4 & SW/4 SE/4

Section 33: NW/4

(p) Extend the Ranger Lake Pennsylvanian Pool to include:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

Section 24: SW/4

(q) Extend the Shugart Siluro Devonian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 27: NE/4

(r) Extend the Skaggs-Glorieta Pool to include:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

Section 12: NW/4

(s) Extend the South Vacuum-Bone Springs Pool to include:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 22: S/2

Section 27: W/2

CASE 1582: 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 South Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 27: W/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 13: NE/4

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

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 21: SW/4

-4-
Docket No. 2-59

- (c) Extend the Blanco-Mesa Verde Pool to include:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM
Section 30: E/2

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM
Section 6: All

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
Section 31: All

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

TOWNSHIP 31 NORTH, RANGE 7 WEST, NMPM
Section 22: N/2
Section 34: N/2

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

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 8: SW/4 SE/4
Section 17: SW/4

1r/