

CASE 1370:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case No.

1370

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 1370
Order No. R-1118

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING AND EXTENDING CERTAIN
POOLS IN LEA, EDDY, 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 January 15, 1958, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th 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 Lea County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation East E-K Queen Pool. Said East E-K Queen Pool was discovered by Ambassador Oil Corporation State "U" Well No. 1, located in the SE/4 NE/4 Section 28, Township 18 South, Range 34 East, NMPM. It was completed October 25, 1957. The top of the perforations is at 4,838 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 Pennsylvanian formation, said pool to bear the designation Kennitz-Cisco Pool. Said Kennitz-Cisco Pool was discovered by The Pure Oil Company State Lea E Well No. 1, located in the SW/4 NE/4 Section 21, Township 16 South, Range 34 East, NMPM. It was completed October 26, 1957. The top of the perforations is at 11,446 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the

Case No. 1370
Order No. R-1118

Pennsylvanian formation, said pool to bear the designation Sannal-Pennsylvanian Pool. Said Sannal-Pennsylvanian Pool was discovered by Neville G. Penrose TPG State Well No. 1, located in the NE/4 SE/4 Section 34, Township 16 South, Range 33 East, NMPM. It was completed October 10, 1957. The top of the perforations is at 11,708 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation Tatum-Wolfcamp Pool. Said Tatum-Wolfcamp Pool was discovered by Union Oil Company of California R. W. Duncan Well No. 1-6, located in the SE/4 SE/4 Section 6, Township 13 South, Range 36 East, NMPM. It was completed October 13, 1957. The top of the perforations is at 10,285 feet.

(6) That there is need for certain extensions to the Aid Pool, the Cave Pool, the Grayburg-Keely Pool, the West Henshaw-Grayburg Pool, and the Square Lake Pool, all in Eddy County, New Mexico, the North Eagley-Pennsylvanian Pool, the Blinbry Oil Pool, the Bronco-Wolfcamp Pool, the Jalmat Gas Pool, the Justis-Ellenburger Pool, the Ranger Lake-Pennsylvanian Pool, the Roberts Pool, and the Young Pool, all in Lea County, New Mexico, and the Milnesand-Pennsylvanian Pool in Roosevelt County, New Mexico. Further, that the proposed extension of the Eumont Gas Pool lies within the horizontal limits of the Jalmat Gas Pool and should therefore be dismissed.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 28: E/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 21: N/2

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 34: SE/4

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

TOWNSHIP 13 SOUTH, RANGE 36 EAST, NMPM
Section 6: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 19: SE/4

(f) That the North Bagley-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 33 EAST, NMPM
Section 10: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 32: S/2

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

TOWNSHIP 13 SOUTH, RANGE 38 EAST, NMPM
Section 2: W/2
Section 11: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 4: E/2 NE/4

(j) That the proposed extension of the Eumont Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 34: SW/4

be and the same is hereby dismissed.

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 22: NW/4

(l) That the West Henshaw-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 3: W/2 SW/4
Section 4: Lots 15 and 16
Section 17: S/2 NW/4

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

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 17: NW/4

(n) That the Justis-Ellenburger 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: SW/4

(o) 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 34 EAST, NMPM
Section 13: SW/4
Section 24: N/2 NE/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 23: NE/4 & E/2 NW/4

(q) 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 4: SW/4 SW/4
Section 7: E/2 SE/4
Section 9: W/2 NW/4

(r) 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: EE/4
Section 36: NW/4

-5-

Case No. 1370

Order No. R-1118

(u) That the Young 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 32 EAST, NMPM

Section 9: S/2 SW/4

Section 17: N/2 NE/4

IT IS FURTHER ORDERED:

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

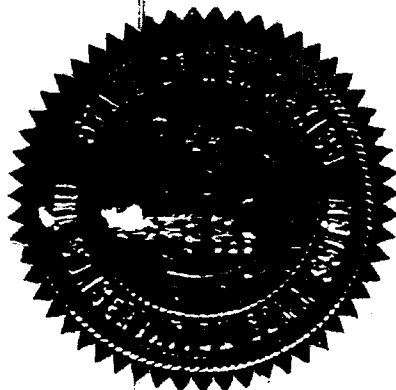
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem
EDWIN L. MECHEM, Chairman

M. E. Morgan
MURRAY E. MORGAN, Member

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



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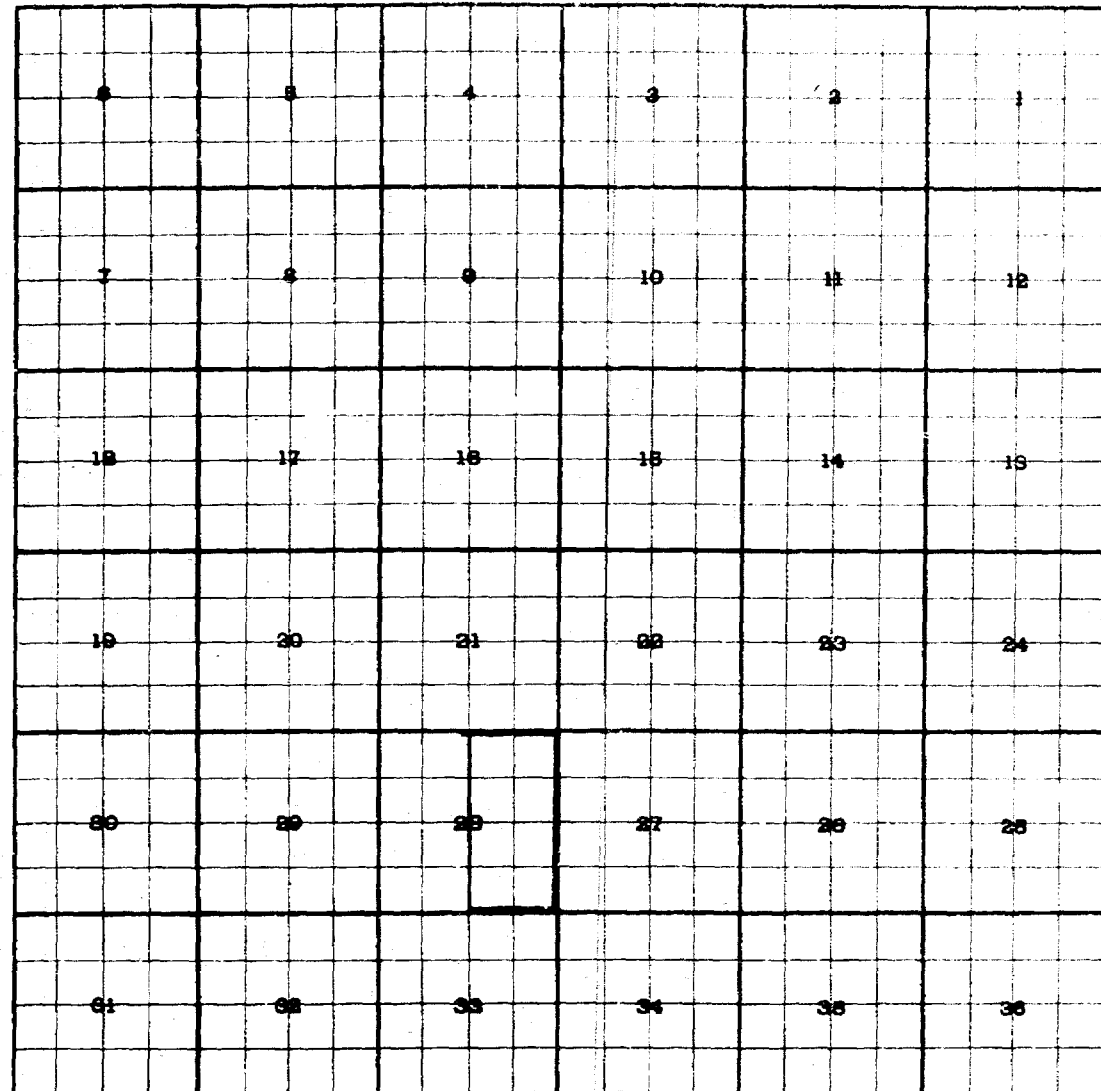
CASE 1370: (A) Creation of a new pool

Disc. Ambassador Oil Corp. State U #1-H, 28-18-34, Comp 10/25/57,
top perf. 4838' Comp. in Permian

County LEA Pool EAST E-K QUEEN

0-5 Queen

TOWNSHIP 18 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



Proposed Pool Boundary Colored in Red Section 28 : E/2

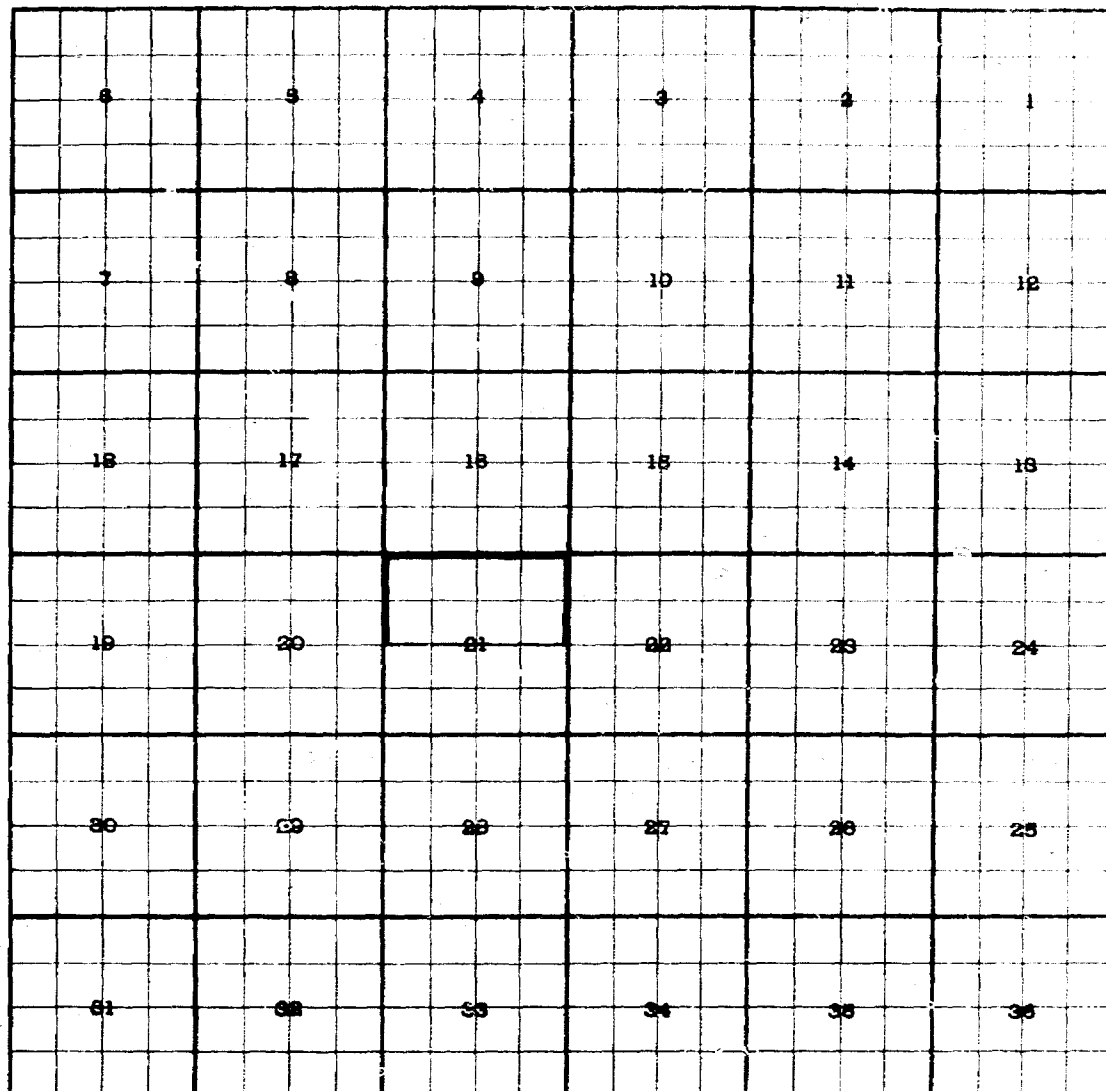
CASE 1370: (B) Creation of new pool

Disc. Well. The Pure Oil Co. State Lea E #1 in Unit C of Sec 21-16-34
Comp in Penn. 10/26/24, top perf 11,446

County Lea Pool KEMMELT-CISCO

11-12 Pennsylvanian

TOWNSHIP 16 South RANGE 34 East NEW MEXICO PRINCIPAL MERIDIAN



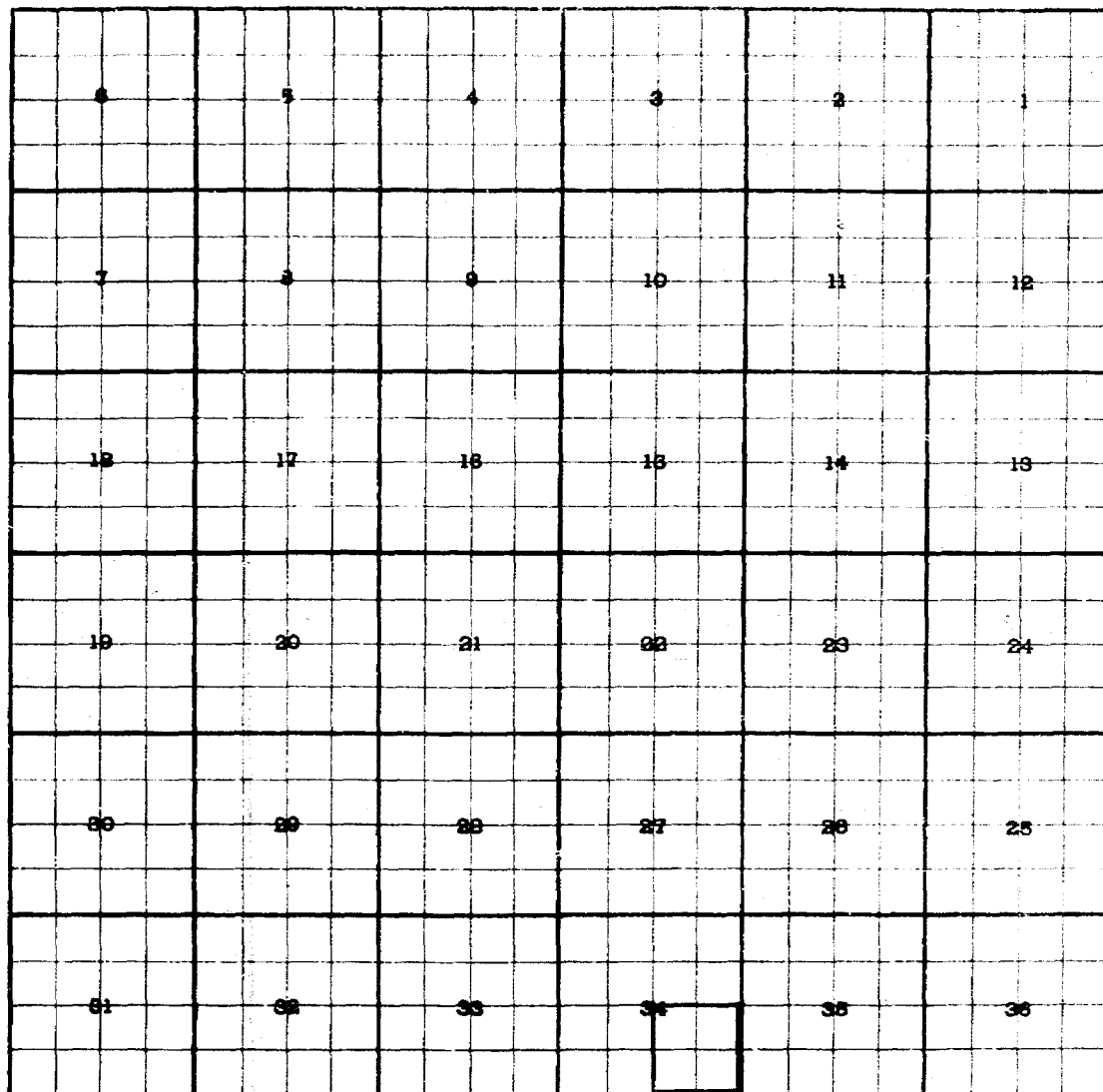
Proposed Pool Boundary Colored in Red: Section 21: N/2

CASE 1370: (C) Creation of a new pool
Disc. Well: Neville G. Penrose, TGP State #1-I, 34-16-33
Comp 10/10/57, top perf 11,708 Comp. in 13,000

County LEA Pool SANFAL-PENNSYLVANIAN

11-12 Pennsylvanian

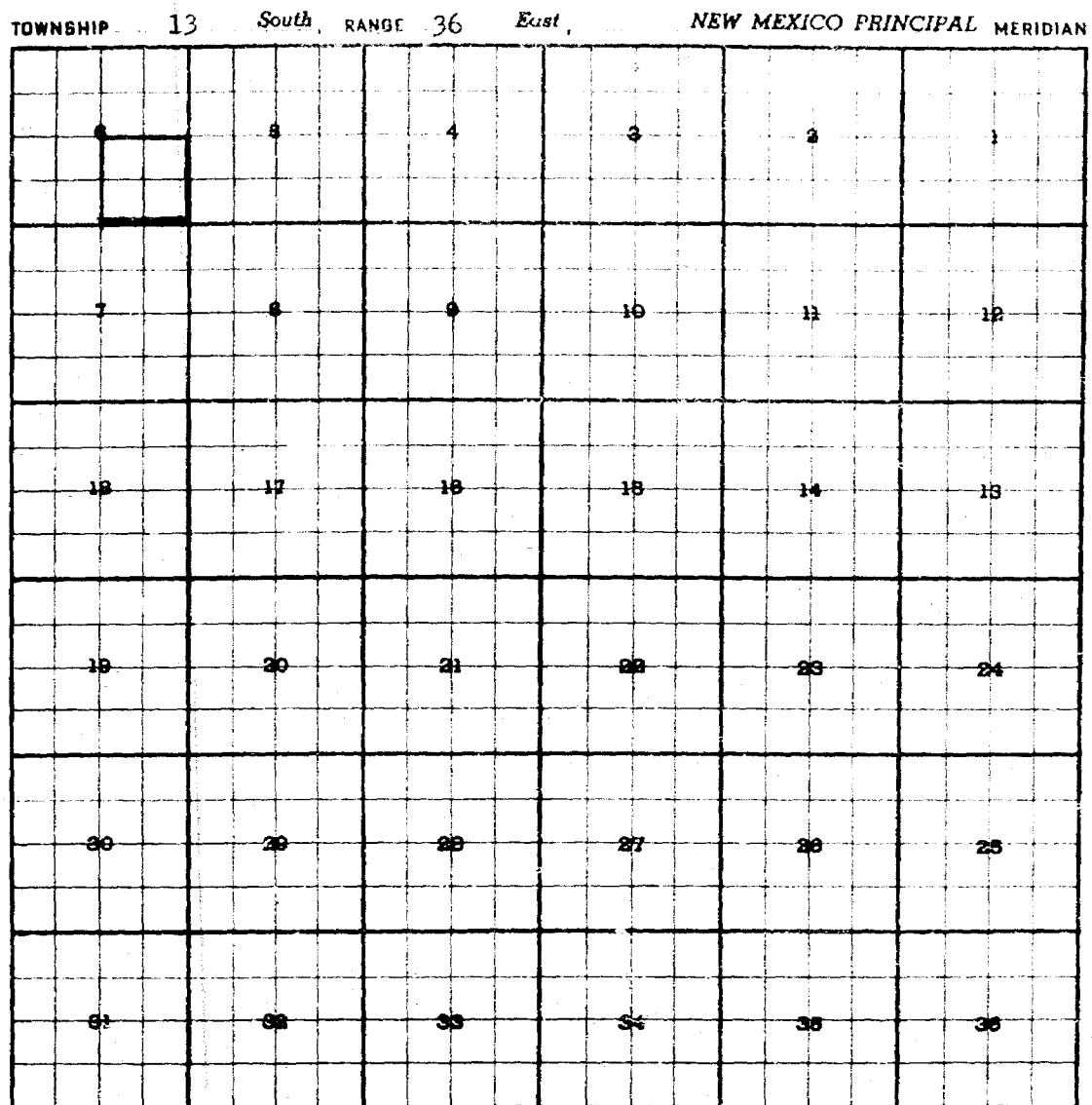
TOWNSHIP 16 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Proposed Pool Boundary Colored in Red Section 34: SE/4

CASE 1370: (D) Creation of a new pool
Disc. Well: Union Oil Co. of Calif., R. W. Duncan #1-C Unit F
6-13-36, top perf 10,285 Comp. W. at 10,285 10/13/36

County LEA Pool TATUM-WOLF CAMP
10-11 Wolfcamp



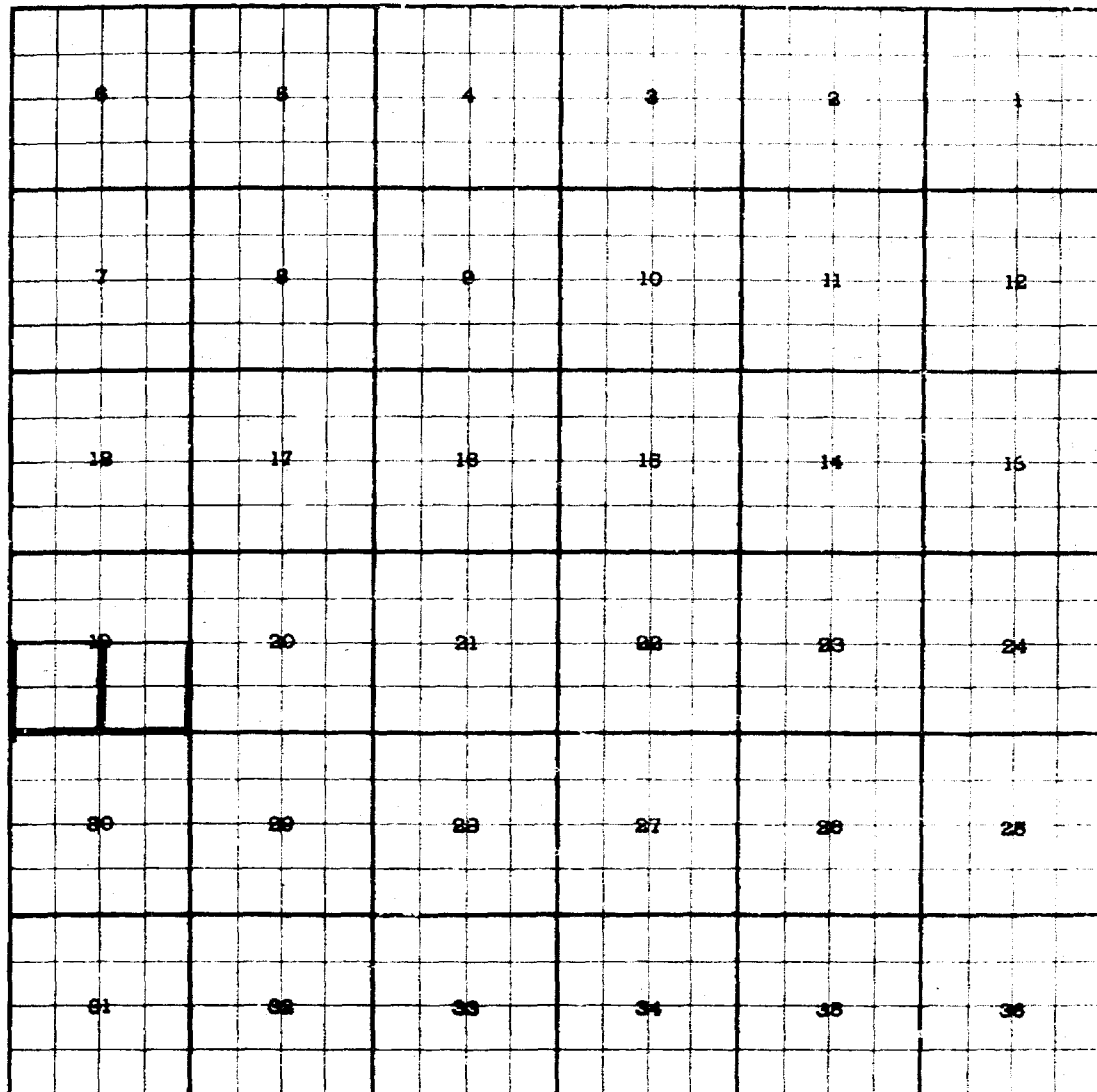
Proposed Pool Boundary Colored in Red Section 6: SE/4

CASE 1370: (E) Extension of an existing Pool

County EDDY Pool AID

O-5 Yates & 7 Rivers

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



Purpose: Extend the pool boundary for the inclusion of

Continental Oil Co., State S-19 #1 in Unit J of Sec. 19-17-29

Comp. 9/12-57, top perf. 910' Comp. in Seven Rivers

Pool Boundary: Colored in Red

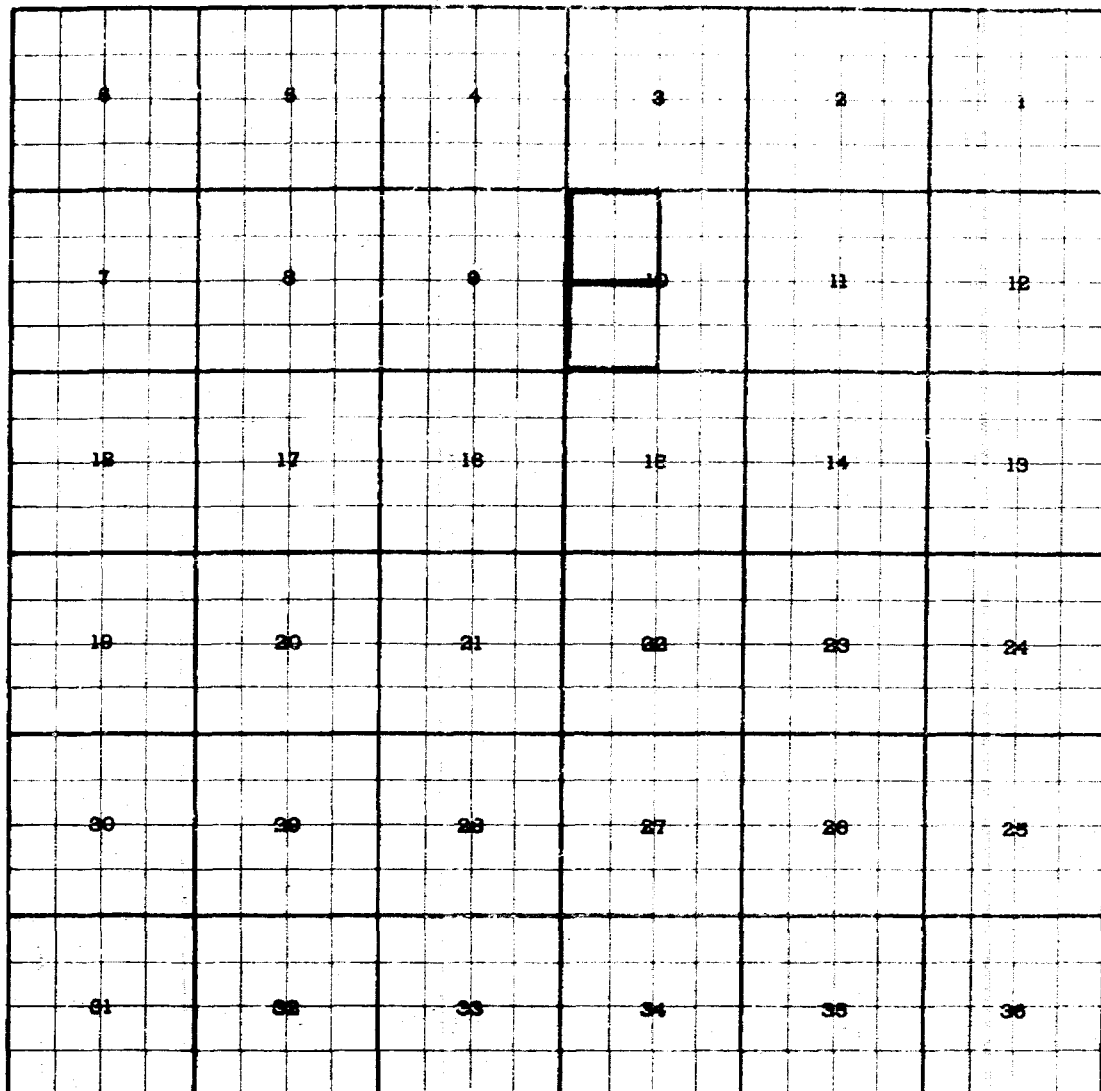
Proposed Extension colored in Green: Section 19: SE/4

CASE 1370: (F) Extension of an existing pool

County DEA Pool NORTH BACLEY-PENNSYLVANIAN

10-11 Pennsylvanian

TOWNSHIP 11 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Southern Petroleum Exploration, Inc. State F #1 in Unit K of Sec. 10-11-33

Comp. 11/26/57, top perf. 10,058

Pool Boundary: Colored in Red Comp. in Penn.

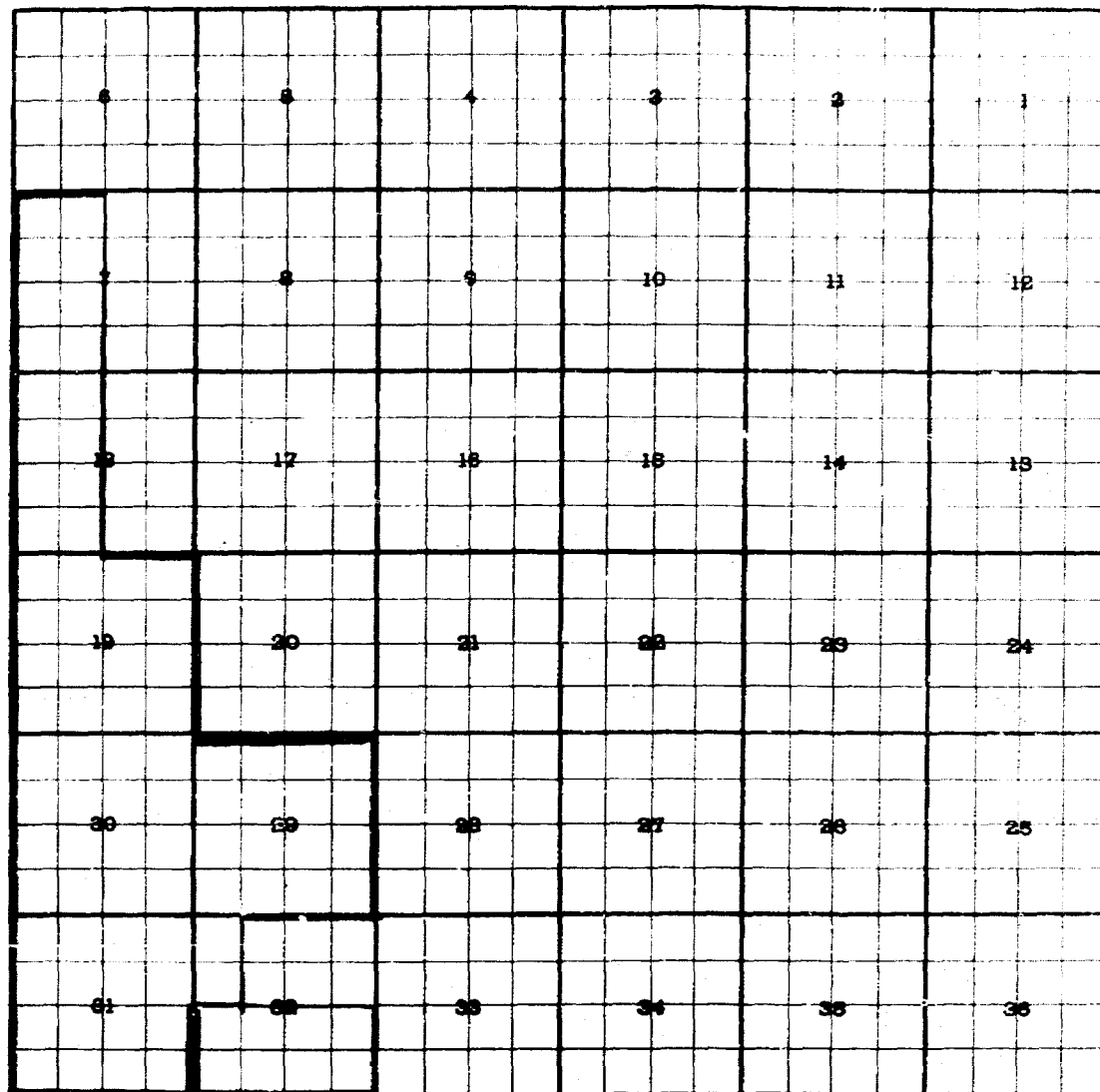
Proposed Extension Colored in Green: Section 10: S3/4

CASE 1370: (6) Extension of an existing pool

County DEA Pool BLINERY OIL

5-6 Blinebry

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



Purpose: Extend the pool boundary for the inclusion of-

Cities Service Oil Co.-State P #2 Unit L of Sec 32-22-38

Comp. 11/23/57, top perf 5624 Comp. 10. Blinberry

Pool Boundary: Colored in Red

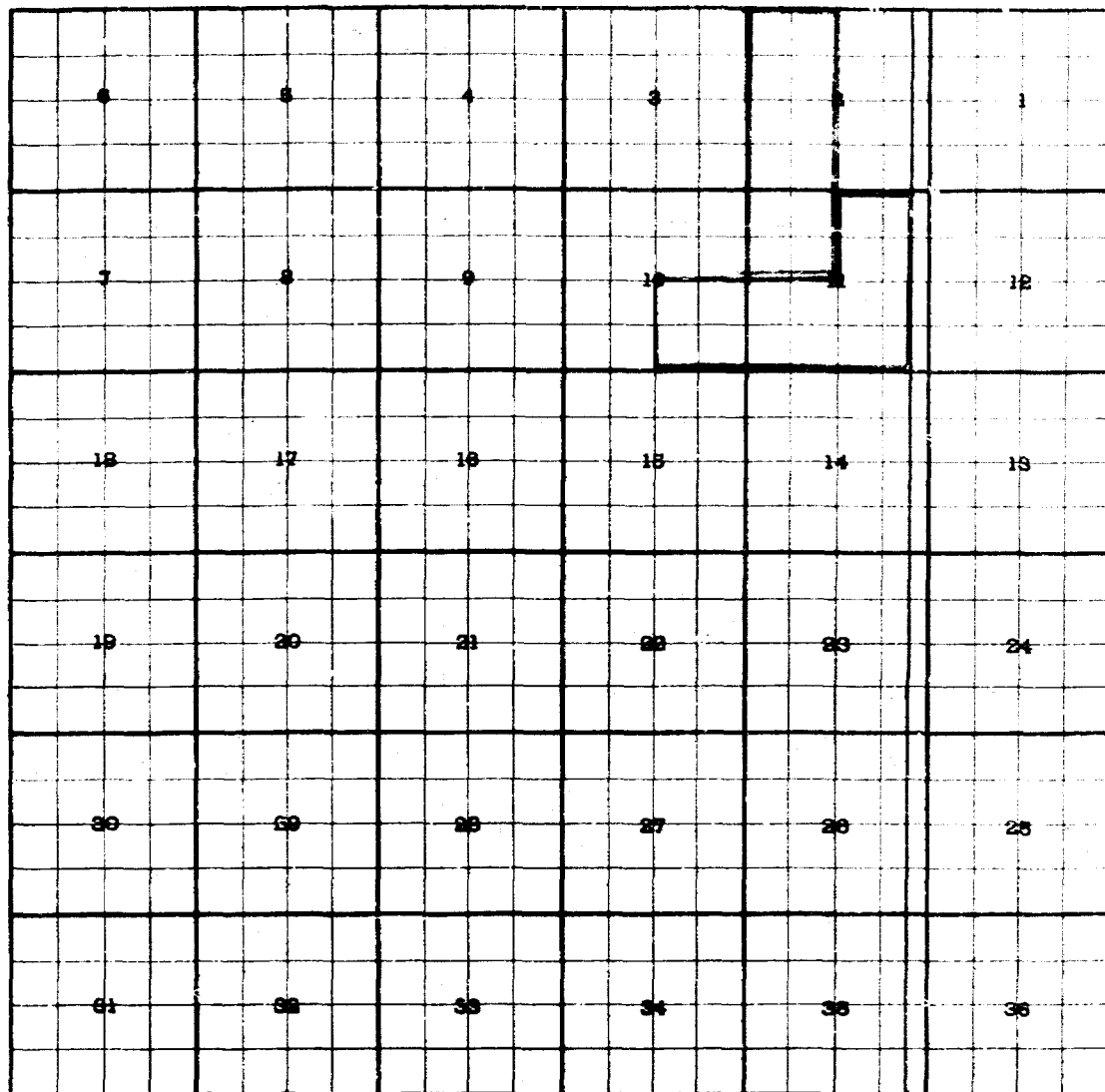
~~Proposed Extension Colored in Green: Section 32: S/2~~

Case 1370: (h) Extension of an existing pool

County 1EA Pool IRONCO WOLF CAMP

9-10 Wolfcamp

TOWNSHIP 13 *South*, RANGE 38 *East*, *NEW MEXICO PRINCIPAL* MERIDIAN



Purpose: Extend the pool for the inclusion of-

R. C. Lipscomp W. W. Harris #1 in Unit C of Sec. 2-13-38

Comp 11/2/57, top perf 9053' Comp in Wolfcamp.

Pool Boundary Colored in Red

PROposed Extension Colored in Green

Section 2: W/2

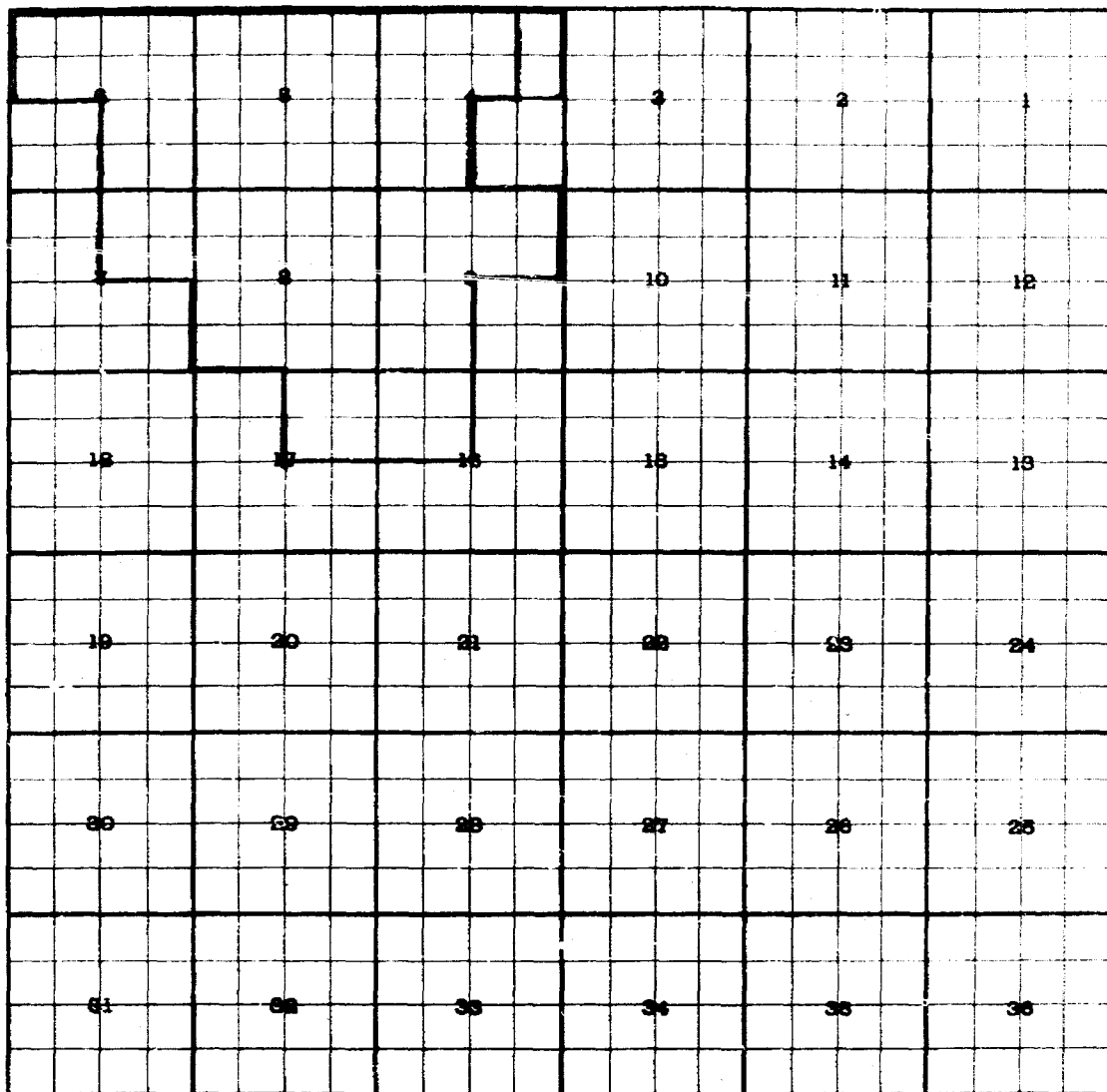
Section 11: NW/4

CASE 1370: (I) Extension of an existing pool

County NDY Pool CAVE

C-5 Grayburg

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



Purpose: Extend the Pool boundary for the inclusion of-

Continental Oil Co. State U-4 #1 in Unit H, Sec. 4-17-29

Comp 10/2/57, top perf. 2407 Comp in Grayburg

Pool Boundary Colored in Red

Proposed Extension Colored in Green

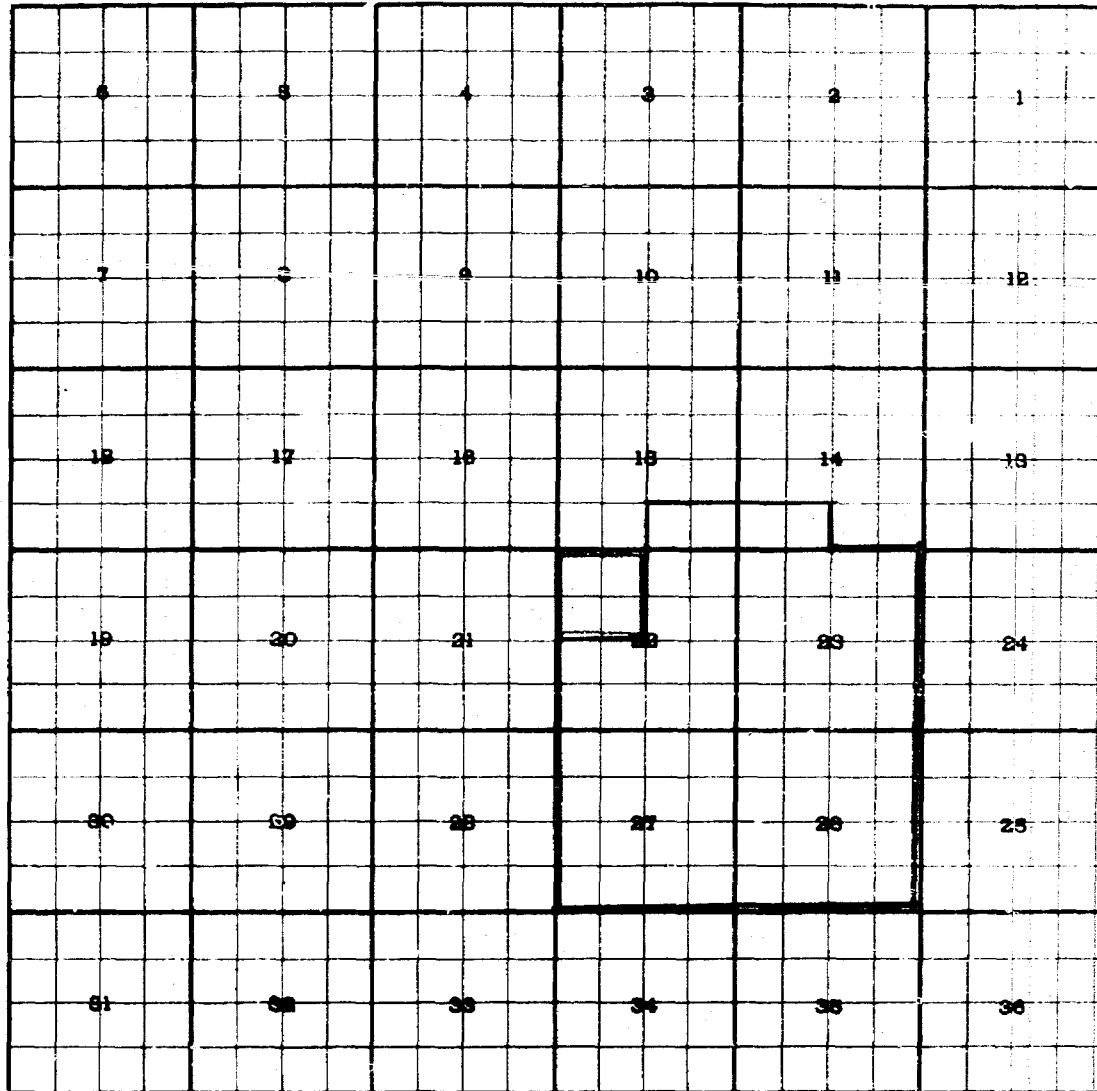
Section 4: E/2 NE/4

CASE 1370: (K) Extension of an existing pool

County EDDY Pool GRAYEUNG-KEELY

0-5 San Andres

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



Purpose: Extend the pool boundary for the inclusion of-

Leonard Oil Co State B-1266 #9 in Unit F Sec. 22-17-29

Comp in Keely, 10/12/57, top perf 3154

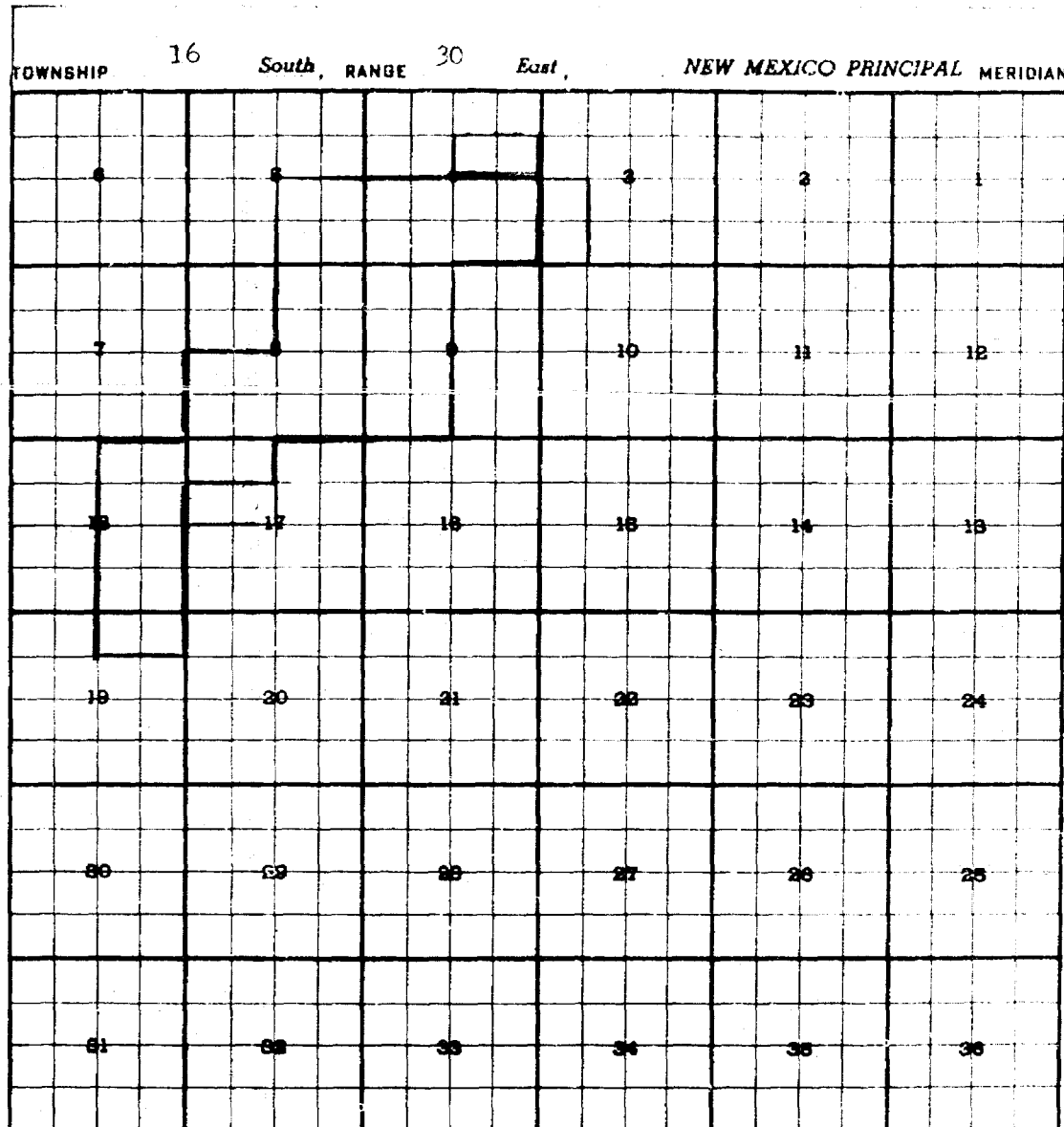
Pool Boundary Colored in Red

Proposed Extension Colored in Green: Section 22: NW/4

CASE 1370: (L) Extension of an existing pool

PART THIS UNADVERTISED

County EDDY Pool WEST HENSHAW GRAYBURG
O-5 Grayburg



Purpose: Extend the pool boundary for the inclusion of-
Shell Oil Co., Spencer Fed. A #2 in Unit O of Sec. 4-16-30
Comp in Grayburg 11/5/57, top perf 2826.

THIS PART UNADVERTISED:

John H. Trigg Federal D #7-17 Unit F Sec. 17-16-30, Comp in Grayburg 1/9/58
top perf. 2772.

General American Oil Co. of Texas & Malco Refineries, Inc. Stablien #2 in
Unit T of Sec. 3-16-30, Comp in Grayburg, 12/19/57, top perf 2834.

Pool Boundary Colored in Red

Proposed Extension Colored in Green: Section 4: Lots 15 & 16

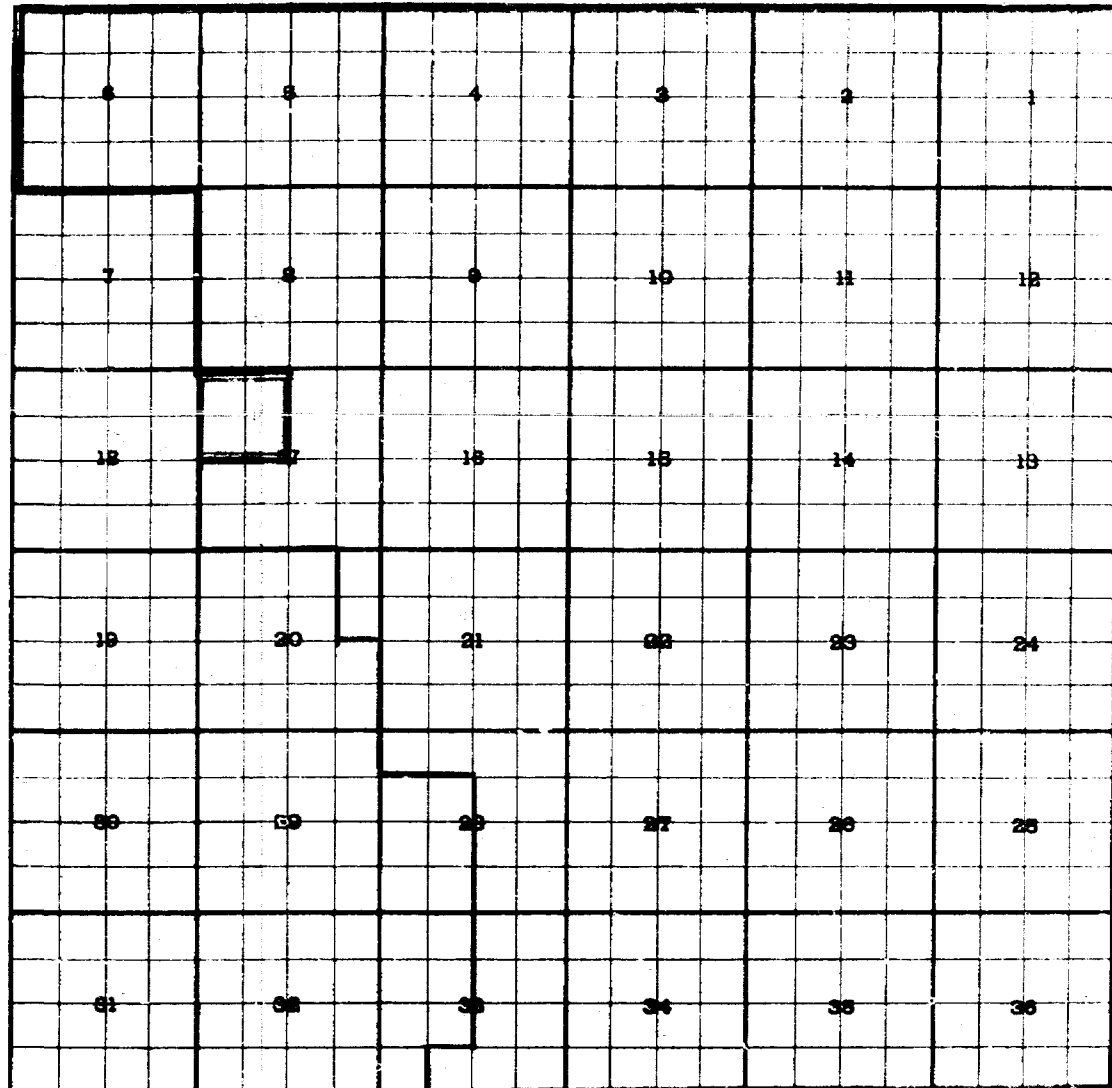
UNADVERTISED: Section 17: S/2 NW/4
Section 3: ~~W/2~~ W/2 SW/4

CASE 1370: (N) Extension of an existing pool

County LEA Pool JALMAT

0-5 Yates

TOWNSHIP 23 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Continental Oil Co. Farney A-17 #1 in Unit F Sec 17-23-36

Comp in Yates 11/9/57, top perf 3672.

Pool boundary Colored in Red

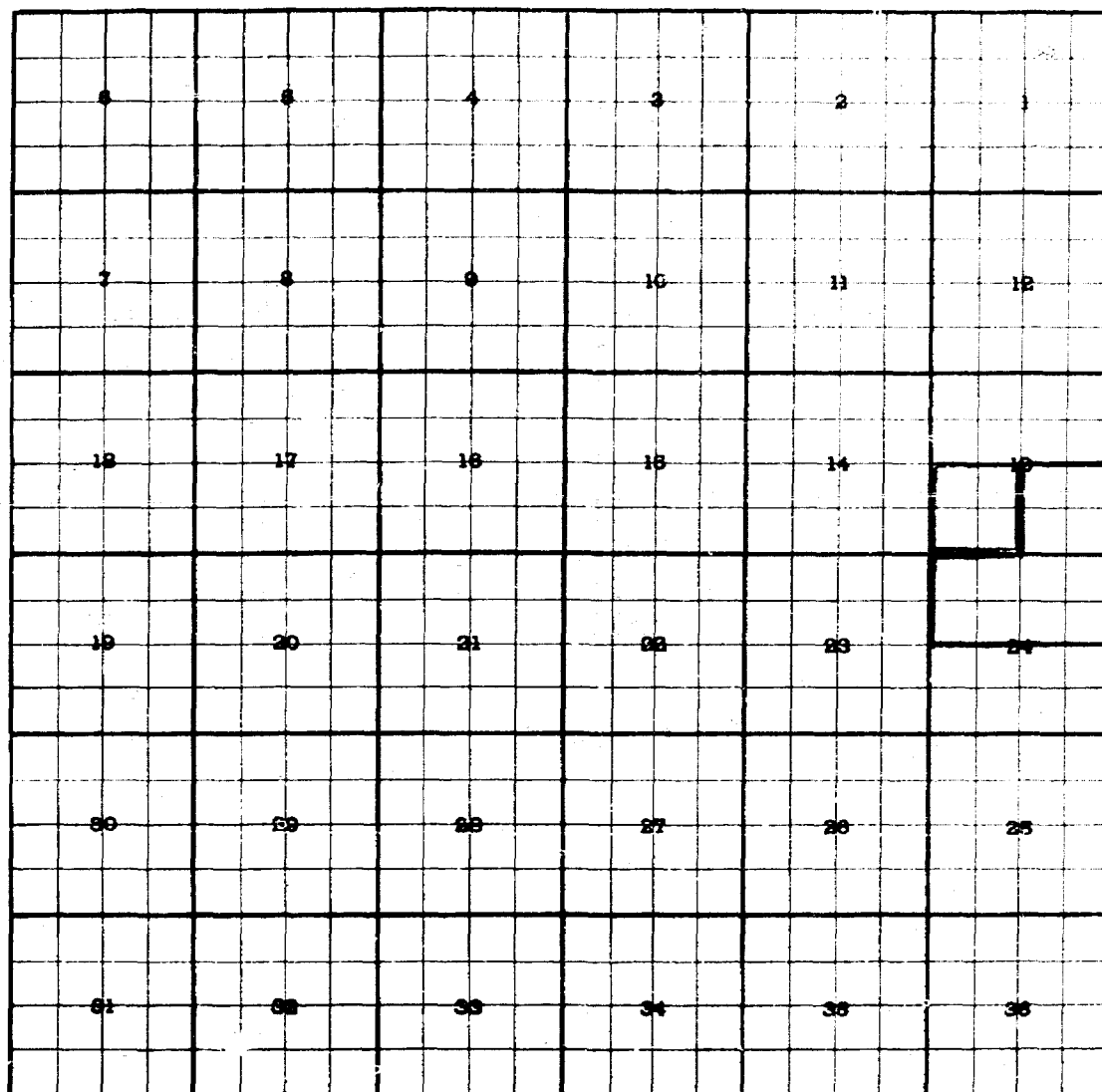
Proposed Extension Colored in Green: Section 17: NW/4

CASE 1370: (N) Extension of an existing pool

County LEA Pool JUSTIS-ELLENBURGER

8-9 Ellenburger

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



Purpose: Extend the pool boundary for the inclusion of-

Gulf Oil Corp. Learcy McBuffington #4 Unit N of Sec. 13-25-37

Comp in Ellenburger 11/4/57, top perf 8220'

Pool boundary colored in Red

Proposed extension colored in Green: Section 13: SW/4

Case 1370: (0) Extension of an existing pool

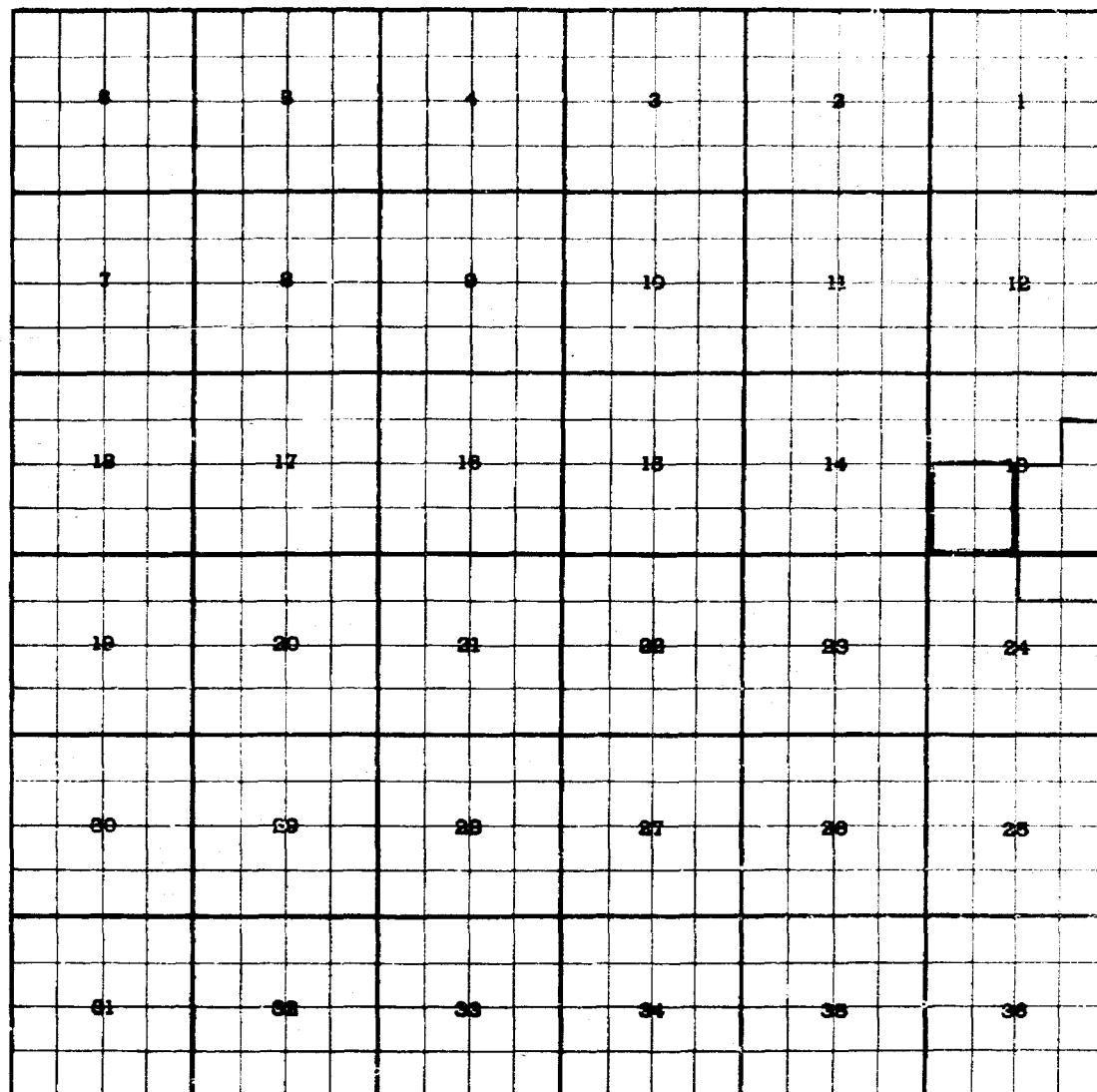
PART THIS UNADVERTISED

County ROOSEVELT

Pool MILNEBAND PENNSYLVANIAN

9-10 Pennsylvanian

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



Purpose: Extend the pool for the inclusion of-

Magnolia Pet. Co. A. R. Haley #3 in Unit N of Sec 13-8-34

Comp in Pennsylvanian 11/17/57, top perf 9279

THIS PART UNADVERTISED: Sunray Mid-Continent Oil Co. N. M. Federal F #2
in Unit B of Sec. 24-8-34, Comp in Pennsylvanian
12/9/57, top perf 9308.

Pool Boundary Colored in Red

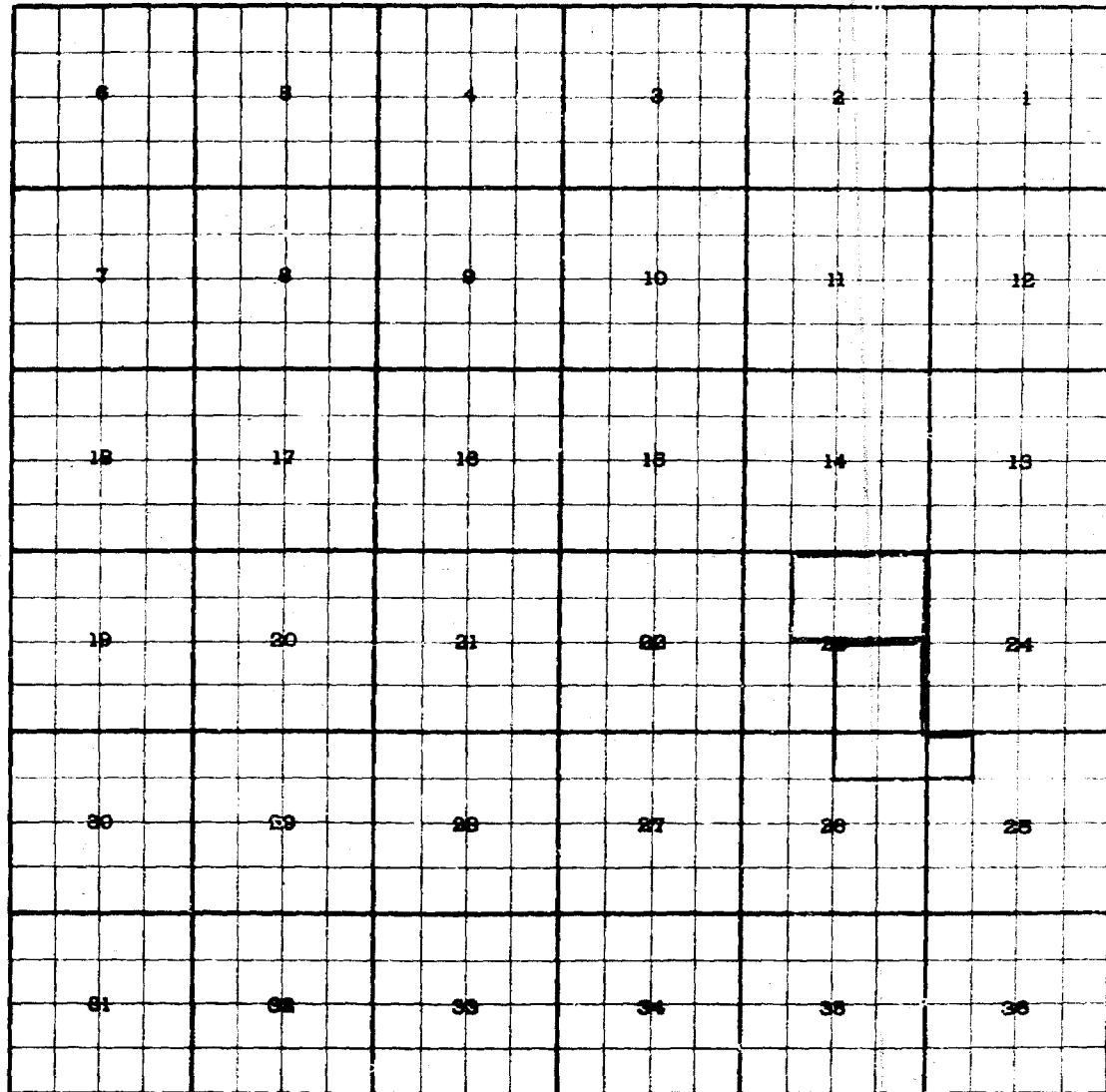
Proposed Extension Colored in Green: Section 13: SW/4

UNADVERTISED: Section 24: N/2 NE/4

CASE 1370: (P) Extension of an existing pool

County LEA Pool RANGER LAKE-PENNSYLVANIAN
10-11 Pennsylvanian

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



Purpose: Extend the pool boundary for the inclusion of-

Phillips Pet. Co. & T. P. Coal & Oil Co. Ranger #4 in Unit F of Sec.

23-12-34, Comp in Penn 12/1/57

top perf. 10,338

Pool Boundary Colored in Red

Proposed Extension Colored in Green: Section 23: NE/4 & E/2 NW/4

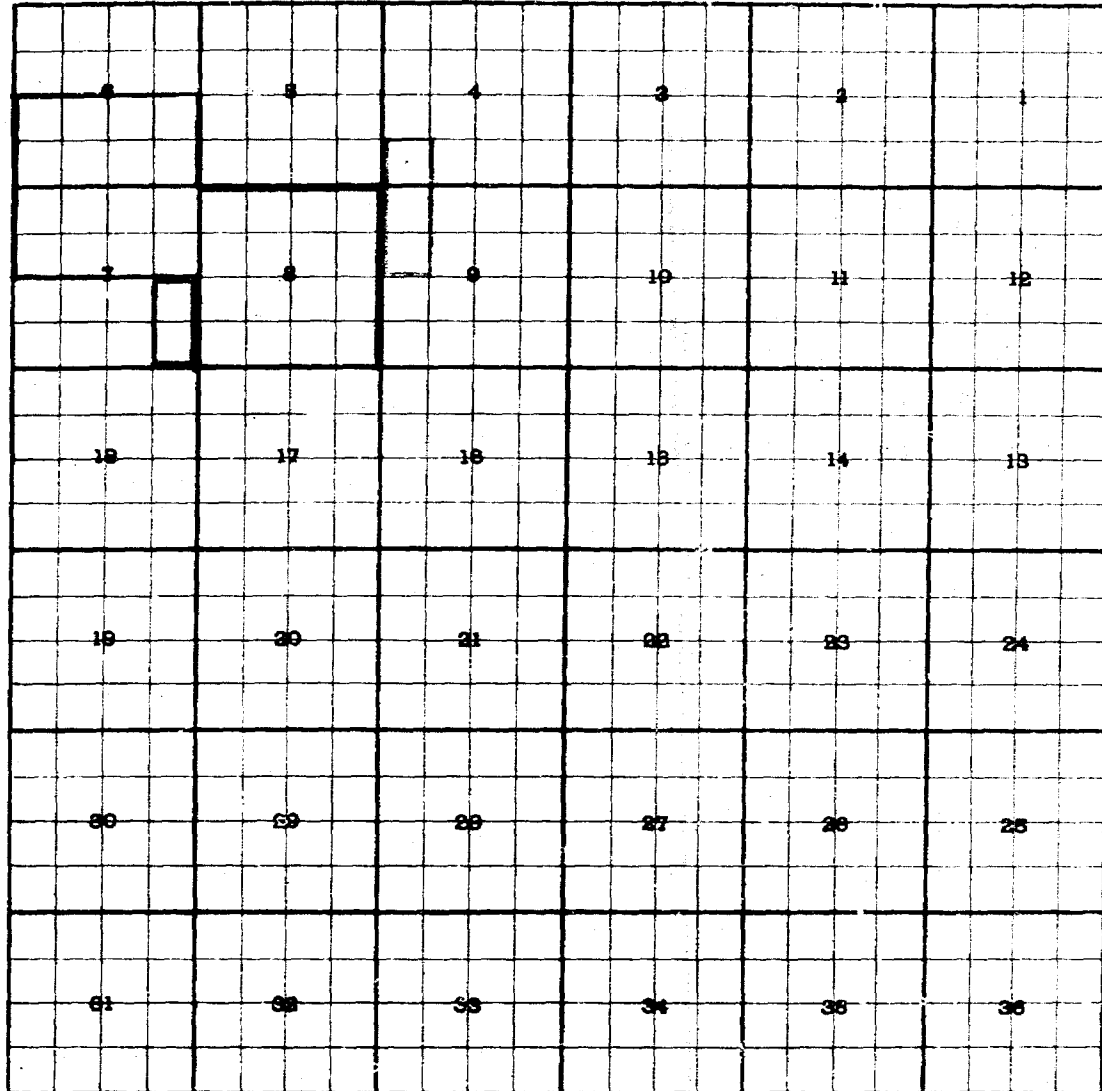
CASE 1370: (2) Extension of an existing pool

PART THIS UNADVERTISED

County LEA Pool ROBERTS

O-5 Grayburg

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



Purpose: Extend the pool boundary for the inclusion of-

Len G. McCormick & Assoc. Phillips State #2 in Unit I of Sec. 7-17-33
Comp in Grayburg 12/28/57, top perf 4216

Len G. McCormick & Assoc. Phillips State #1 in Unit P of Sec. 7-17-33
Comp in Grayburg 12/5/57, top perf 4210

THIS PART UNADVERTISED: Neville G. Fenrose, Inc. Vickers State #1 in Unit M
Sec. 4-17-33, Comp in Grayburg 11/15/57, top perf. 4348

Pool Boundary Colored in Red

Proposed Extension Colored in Green: Section 7: E/2 SE/4

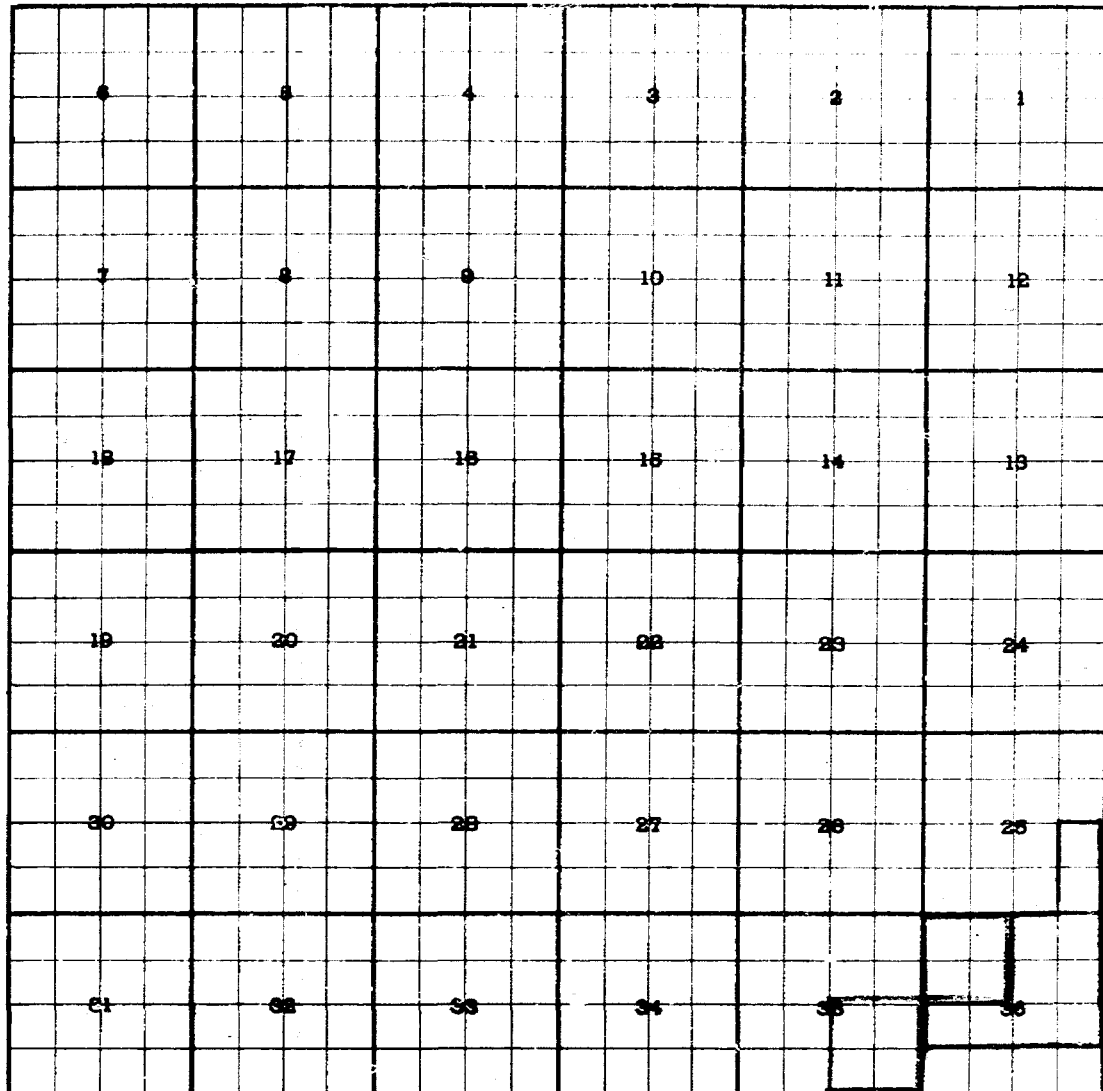
UNADVERTISED: Section 4: SE/4 SW/4
Section 9: E/2 NW/4

CASE 1370: (b) Extension of an existing pool

County EDDY Pool SABAL LAKE

O-5 Grayburg & San Andres

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



Purpose: Extend the pool boundary for the inclusion of-

General American Oil Co. of Texas Nunlee #3 in Unit J of Sec 35-16-29

Comp in Grayburg 9/27/57, top perf 2560

Neil E. Salsich Leonard State #1 in Unit F of Sec 36-16-29,

Comp in Grayburg 10/3/57, top perf 2506

Pool Boundary Colored in Red.

Proposed Extension Colored in Green: Section 35: SE/4

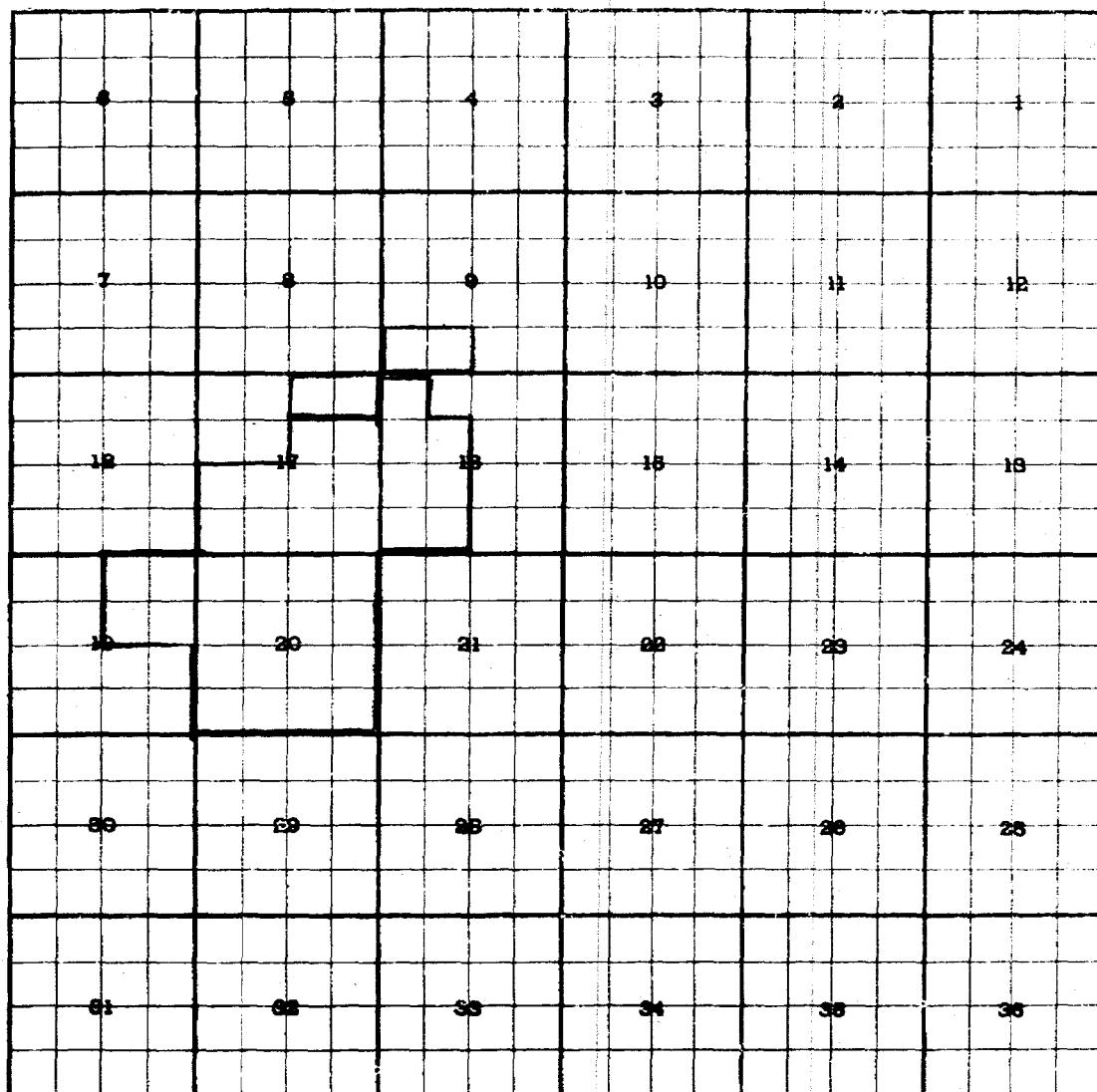
Section 36: NW/4

CASE 1370: (a) Extension of an existing pool

County LEA Pool YOUNG

0-5 Queen

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



Purpose: Extend the pool boundary for the inclusion of-

John M. Beard Young Fed. #4 in Unit A of Section 17-18-32

Comp in the Queen 11/8/57, top perf. 2796

Buffalo Oil Co. Walker #1 in Unit N of Sec. 9-18-32, Comp in Queen
12/30/57, top perf. 3810.

Pool boundary colored in red

Proposed Extension Colored in Green:

Section 9: S/2 SW/4

Section 17: N/2 NE/4

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 15, 1958

IN THE MATTER OF: Case No. 1370

TRANSCRIPT OF PROCEEDINGS

DEARNLEY - MEIER & ASSOCIATES
INCORPORATED
GENERAL LAW REPORTERS
ALBUQUERQUE, NEW MEXICO
3-6691 5-9546

BEFORE THE
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 Lea, Eddy and Roosevelt Counties, New Mexico.

CASE 1370

(a) Create a new oil pool for Queen production, designated as the East E-K Queen Pool and described as:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 28: E/2

(b) Create a new oil pool for Pennsylvanian production, designated as the Kemnitz-Cisco Pool and described as:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 21: N/2

(c) Create a new oil pool for Pennsylvanian production, designated as the Sanmal-Pennsylvanian Pool and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 34: SE/4

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

TOWNSHIP 13 SOUTH, RANGE 36 EAST, NMPM
Section 6: SE/4

(e) Extend the Aid Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 19: SE/4

(f) Extend the North Bagley-Pennsylvanian Pool to include:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 10: SW/4

(g) Extend the Blinebry Oil Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 32: S/2

(h) Extend the Bronco-Wolfcamp Pool to include:

TOWNSHIP 13 SOUTH, RANGE 38 EAST, NMPM
Section 2: W/2
Section 11: NW/4

(i) Extend the Cave Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 4: E/2 NE/4

(j) Extend the Eumont Pool to include:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 34: SW/4

(k) Extend the Grayburg-Keely Pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 22: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 4: Lots 15 & 16

(m) Extend the Jalmat Pool to include:

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 17: NW/4

(n) Extend the Justis-Ellenburger Pool to include:

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

(o) Extend the Milnesand-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
 Section 13: SW/4

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

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
 Section 23: NE/4 & E/2 NW/4

(q) Extend the Roberts Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
 Section 7: E/2 SE/4

(r) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
 Section 35: SE/4
 Section 36: NW/4

(s) Extend the Young Pool to include:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
 Section 9: S/2 SW/4
 Section 17: N/2 NE/4

BEFORE:

Mr. A. L. Porter, Jr.
 Mr. Murray Morgan
 Governor Edwin L. Mechem

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: The Commission will consider next Case 1370.

RANDALL MONTGOMERY

a witness, of lawful age, having been first duly sworn on oath,
 testified as follows:

DIRECT EXAMINATION

By MR. COOLEY:

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 New Mexico Oil Conservation Commission, have you had an opportunity to make a study of new pools and extensions of existing pools in Lea, Eddy and Roosevelt Counties, New Mexico?

A I have.

Q Mr. Montgomery, do you have any recommendations concerning the creation of a new oil pool for Queen production in Township 18 South, Range 34 East?

A I do. I recommend that the pool be created as advertised, being the East E-K Queen. This was occasioned by the recent discovery of Ambassador Oil in State U, Well No. 1, Unit H, of Section 28, 18, 34. The top of the perforation was 4,838 feet, completed on 10-25-57.

MR. PORTER: In connection with that, Mr. Montgomery, do you know approximately how far that proposed pool boundary would be from the E-K Queen Pool?

A About three or four miles. There are some dry holes between, though.

MR. PORTER: Thank you.

Q Mr. Montgomery, what do you propose as the vertical limits of the East E-K Queen Pool?

A Queen formation.

Q Do you have any recommendation concerning the creation of

a new oil pool for Pennsylvanian production?

A I do. I recommend that the new Pennsylvanian Pool as advertised in paragraph (b) be created as advertised, the Kemnitz-Cisco Pool, the North Half of Section 21, Township 16 South, Range 34 East. Discovery well was Pure Oil State Lea E No. 1 in Unit G, 21-16-34, completed in the Cisco formation, 10-26-57. Top of the perforation was 11,446 feet.

MR. PORTER: I have a question on that one, too.

A Yes.

MR. PORTER: Is the Cisco a part of the Pennsylvanian?

A It is.

MR. PORTER: Do you know whether or not this well was productive, potentially productive in any other zone of the Pennsylvanian?

A No, it was dry. I don't know that they tested any other zones in the Pennsylvanian, but I do know they tested the Wolfcamp and it was not commercial in the Wolfcamp, which is a zone a few hundred foot above it.

MR. PORTER: Is the Cisco one of the upper zones of the Pennsylvanian?

A Yes, it sure is. The Pennsylvanian is broken by age group into Canyon, Cisco and Atoka. The Cisco is one of those zones; it better identifies it.

MR. PORTER: You would limit, at least for the present, the vertical limits of this pool to this Cisco?

A Yes, sir.

MR. PORTER: Thank you. You may proceed.

Q Mr. Montgomery, do you have any recommendation concerning the creation of a new oil pool for Pennsylvanian production in Township 16 South, Range 33 East?

A Yes, I recommend that the new Pennsylvanian Pool be created as advertised in paragraph (c), the Sanmal-Pennsylvanian Pool, discovered by Neville G. Penrose, TGP State No. 1, unit I, Section 34, Township 16 South, Range 33 East; the top of the perforation being 11,708.

Q What do you recommend as the vertical limits for the Sanmal-Pennsylvanian?

A The Pennsylvanian.

Q The entire Pennsylvanian formation?

A Yes, sir.

Q Have you any recommendations concerning the creation of a new oil pool for Wolfcamp production in Township 13 South, Range 36 East?

A Yes, and I recommend that the pool called the Tatum-Wolfcamp Pool be created as advertised. This was discovered by the Union Oil Company of California in their R. W. Duncan No. 1-6, Unit P, Section 6, Township 13 South, Range 36 East; top of the perforation, 10,285.

MR. PORTER: Mr. Montgomery, which direction is this from the town of Tatum?

A Southwest, about three miles.

MR. PORTER: Thank you.

Q Mr. Montgomery, what do you recommend as the vertical limits of this pool?

A Wolfcamp.

Q The entire Wolfcamp formation?

A Yes, sir.

Q Mr. Montgomery, do you have any recommendations concerning the extension of the Aid Pool?

A I recommend that it be extended as advertised.

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

A I recommend that pool be extended as advertised.

Q Do you have any recommendations regarding the extension of the Blinebry Oil Pool?

A I recommend that pool be extended as advertised.

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

A I recommend that pool be extended as advertised.

Q Do you have any recommendations concerning the extension of the Cave Pool?

A I recommend the Cave Pool be extended as advertised.

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

A This portion was inadvertently put in to be advertised. I recommend it be dismissed; the fact is that this acreage is a

portion of a gas unit that is in the Jalmat Pool. It was inadvertently put in. There are oil wells in the Eumont that occasioned the extension of the Eumont Gas Pool; already the acreage is dedicated to the Jalmat. We have advertised for February that the South Eunice Pool be extended to cover that portion, and therefore I recommend dismissal of paragraph (j).

MR. COOLEY: Mr. Commissioner, for the reason stated by the witness, it is our recommendation that the portion of the case advertised as sub-paragraph (j), the extension of the Eumont Pool to include the Southwest Quarter of 34, Township 21 South, Range 36 East, be dismissed.

MR. PORTER: Any objection to the dismissal of this portion of the advertised case? It will be dismissed.

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

A That that pool be extended as advertised.

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

A That that pool be extended as advertised, and in Section 3, the West Half of the Southwest Quarter, Township 16 South, Range 30 East; and in Section 17, South Half of the Northwest Quarter, Township 16 South, Range 30 East.

Q Mr. Montgomery, do you have any recommendations concerning the extension of the Jalmat Pool?

A I recommend that pool be extended as advertised.

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

A That that pool be extended as advertised.

Q Do you have any recommendation regarding the extension of the Milnesand-Pennsylvanian Pool?

A I recommend that pool be extended as advertised, and in Section 24 of Township 12 South, Range 34 East, the North Half of the Northeast Quarter of Section 24.

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

A That that pool be extended as advertised.

Q Do you have any recommendation regarding the extension of the Roberts Pool?

A That that pool be extended as advertised, and also in Section 4, Township 17 South, Range 33 East, the southwest quarter of the southwest quarter, and in Section 9, the west half of the northwest quarter.

Q Do you have any recommendations regarding the extension of the Square Lake Pool?

A That that pool be extended as advertised.

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

A That that pool be extended as advertised.

Q Mr. Montgomery, were your recommendations concerning the extension of unadvertised portions of the West Henshaw-Grayburg Pool,

the Milnesand-Pennsylvanian Pool, and the Roberts Pool, based upon actual production from those pools?

A They are.

Q Do you have any further recommendations in this case?

A That's all.

Q Have you prepared exhibits to substantiate your recommendations in this case?

A I have, Exhibits A through S, with the exception of J.

MR. COOLEY: Mr. Commissioner, we move the admission of Exhibits A through I and K through S, in Case 1370.

MR. PORTER: Without objection they will be admitted.
Anyone have a question of Mr. Montgomery? Mr. Nutter.

CROSS EXAMINATION

By MR. NUTTER:

Q What were the vertical limits of the Kemnitz-Cisco Pool?

A Cisco formation.

Q What was the completion date of the discovery well in the Tatum-Wolfcamp Pool?

A 10-13-57.

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

(Witness excused.)

MR. PORTER: Anyone have anything further to say in this case? We'll take the case under advisement.

* * * * *

C E R T I F I C A T E

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in stenotype and reduced to typewritten transcript 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 and Seal this 3rd day of January, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley
NOTARY PUBLIC

My commission expires:

June 19, 1959

C E R T I F I C A T E

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in stenotype and reduced to typewritten transcript 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 and Seal this 3rd day of January, 1958, in the City of Albuquerque. County of Bernalillo, State of New Mexico.


NOTARY PUBLIC

My commission expires:

June 19, 1959

DEARNLEY, MEYER & ASSOCIATES
INCORPORATED
GENERAL LAW FIRM
ALBUQUERQUE, NEW MEXICO
3-6691 5-9546

ST
10/16/60
Adm. is
10/16/60

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

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Queen production, designated as the East E. K. Queen Pool and described as:

Twp. 18 South, Range 34 East
E/2 of Section 28

~~and such other, etc.~~

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Kemnitz-Cisco Pool and described as:

Twp. 16 South, Range 34 East
N/2 of Section 21

~~and such other, etc.~~

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Sanmal-Pennsylvanian Pool and described as:

Twp. 16 South, Range 33 East
SE/4 of Section 34

~~and such other, etc.~~

(d) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the Tatum-Wolfcamp Pool and described as:

Twp. 13 South, Range 36 East
SE/4 of Section 6

~~and such other, etc.~~

(e) Extend the Aid Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 17 South, Range 29 East
SE/4 of Section 19

~~and such other, etc.~~

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

Twp. 11 South, Range 33 East
SW/4 of Section 10

~~and such other, etc.~~

(g) Extend the Blinebry Oil Pool boundary in Lea County, New Mexico, to include therein:

Twp. 22 South, Range 38 East
S/2 of Section 32

~~and such other, etc.~~

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

Twp. 13 South, Range 38 East
W/2 of Section 2
NW/4 of Section 11

~~and such other, etc.~~

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

Twp. 17 South, Range 29 East
E/2 NE/4 of Section 4

~~and such other, etc.~~

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

Twp. 21 South, Range 36 East
SW/4 of Section 34

~~and such other, etc.~~

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

Twp. 17 South, Range 29 East
NW/4 of Section 22

~~and such other, etc.~~

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

Twp. 16 South, Range 30 East
Lots 15 & 16 of Section 4

~~and such other, etc.~~

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

Twp. 23 South, Range 36 East
NW/4 of Section 17

~~and such other, etc.~~

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

Twp. 25 South, Range 37 East
SW/4 of Section 13

~~and such other, etc.~~

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

Twp. 8 South, Range 34 East
SW/4 of Section 13

~~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
NE/4 & E/2 NW/4 of Section 23

~~and such other, etc.~~

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

Twp. 17 South, Range 33 East
E/2 SE/4 of Section 7

~~and such other, etc.~~

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

Twp. 16 South, Range 29 East
SE/4 of Section 35
NW/4 of Section 36

~~and such other, etc.~~

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

Twp. 18 South, Range 32 East
S/2 SW/4 of Section 9
N/2 NE/4 of Section 17

~~and such other, etc.~~

Providing further -