

Case No.

802

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 802

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES
COURT REPORTERS
ROOMS 105, 106, 107 EL CORTEZ BUILDING
TELEPHONE 7-9546
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
December 16, 1954

Southeastern New Mexico nomenclature case, calling for pool creations and extensions in Lea County, New Mexico, as follows:

- (a) Creation of a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Bell Lake-Pennsylvanian Pool, and described as: TOWNSHIP 23 SOUTH, RANGE 34 EAST, All of Sections 30 and 31
- (b) Creation of a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, designated as the Warren-Abo Pool, and described as: TOWNSHIP 20 SOUTH, RANGE 38 EAST, SW/4 Section 25, SE/4 Section 26, NE/4 Section 35, NW/4 Section 36
- (c) Extension of the Blinebry Gas Pool boundary to include: TOWNSHIP 21 SOUTH, RANGE 37 EAST, SW/4 Section 25
- (d) Extension of the Denton Pool boundary to include: TOWNSHIP 14 SOUTH, RANGE 37 EAST, SE/4 Section 23
- (e) Extension of the Denton-Wolfcamp Pool boundary to include: TOWNSHIP 14 SOUTH, RANGE 37 EAST, S/2 Section 27
- (f) Extension of the Terry-Blinebry Pool boundary to include: TOWNSHIP 20 SOUTH, RANGE 38 EAST, S/2 Section 34 - TOWNSHIP 21 SOUTH, RANGE 37 EAST, S/2, Section 12; N/2 Section 13
- (g) Extension of the Eumont Gas Pool to include: TOWNSHIP 21 SOUTH, RANGE 37 EAST, W/2 SW/4, Section 8

Case No.
802

BEFORE:

Mr. E. C. (Johnny) Walker
Mr. William B. Macey

TRANSCRIPT OF HEARING

ADA DEARNLEY & ASSOCIATES
STENOGRAPHIC REPORTERS
ALBUQUERQUE, NEW MEXICO
TELEPHONE 3-6691

R A N D A L L M O N T G O M E R Y,

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

DIRECT EXAMINATION

By: MR. YOST:

Q State your name, please.

A Randall Montgomery.

Q By whom are you employed, Mr. Montgomery?

A New Mexico Oil Commission.

Q In what capacity?

A Geologist.

Q You have testified before the Commission previously, have you not?

A Yes, sir, I have.

Q Are you acquainted with the subject matter of Case 802?

A Yes, sir, I am.

Q You recommend the creation of a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Bell Lake-Pennsylvanian Pool and described as Township 23 South, Range 34 East, All of Sections 30 and 31?

A Yes, sir.

Q What is the basis of that recommendation?

A This was a discovery of the Continental Oil Company Bell Lake No. 2 in Unit N of Section 30, Township 23 South, Range 34 East, gas well producing from the Pennsylvanian, top perforation is 12,635 feet and was completed on 10-14-54.

Q Have you prepared a plat which has been marked Commission's Exhibit 1 showing this pool?

A Yes, sir, I have.

Q Do you also recommend the creation of a pool in Lea

County, classified as an oil pool for Abo production and delineated as Township 20 South, Range 38 East, southwest quarter of Section 25, southeast quarter, Section 26, northeast quarter Section 35, northwest quarter Section 36?

A Yes, sir.

Q What is the basis for that recommendations.

Q That was discovery of the Continental Oil Company's Warren Unit Fisher 35, No. 1 in Unit A of Section 35, Township 20 South, Range 38 East, producing from the Abo. This is completed 10-7-54 and the top perforation was 7,700 feet.

Q And have you prepared what has been marked as Commission's Exhibit 2?

A Yes, sir, I have.

Q What is that exhibit?

A It is a small township plat and the boundaries of the pool are outlined in red.

Q Do you recommend extensions of the various pools as advertised in this case?

A Yes, sir, I do.

Q Would you please give the basis for those recommendations?

A Of the extensions to the Blinebry gas pool was the R. Olsen Oil Company's Eva Owen No. 1-M, Section 25, 21, 37, in unit M, completed for Blinebry gas 9-26-54, top perforation 5,560.

Q Have you related all the bases for all those extensions?

A No, just for the one.

Q Just take them one by one and relate the basis.

A And the basis for the extension of the Denton Oil Pool was the Sinclair Oil and Gas Lee Whitman "B" No. 1 in Unit O of

Section 23, Township 14 South, Range 37 East, producing from the Devonian, completed 10-18-54, top perforation 12,544 feet.

Extension of the Denton-Wolfcamp was created by Magnolia Petroleum's J. C. Maxwell No. 6 in Unit H of Section 27, Township 14 South, Range 37 East, Wolfcamp Producer, completed 10-19-54, top perforation 9,350 feet.

The Terry-Blinebry pool extension was brought on by the Continental Oil Company's Warren Unit Fisher No. 34, No. 1 in Unit N of Section 34, 20, 38, the Blinebry producer, completed 10-11-54, top perforation 5,814. Also, the Continental Oil Company's Warren Unit Fisher No. 34, No. 2 in Unit O of Section 34, 20, 38, completed 11-20-54, top perforation 5,882 feet, producing from the Blinebry.

Also, the Terry-Blinebry extension was created by the Shell Oil Company's Chesher No. 1, recompleted in the Blinebry pay in Unit K of 12-21-37, completed 10-1-54, top perforation 5,750 and also by the Western Oil Fields Gulf-Bunin No. 2, Blinebry producer in Unit C of Section 13-21-37 completed 10-20-54, top perforation 5,702.

The Eumont Pool extension was created, is created on the basis of the testimony which we received today in Case 800 and that is all.

Q Have you prepared what has been marked Commission's 1 to 8, inclusive?

A They were prepared under my supervision, yes, sir.

Q And do they show these various extensions about which you have testified?

A Yes, sir, they do.

Q Directing your attention to the extension of the Denton-Wolfcamp Pool to include the east half of section 27, that pool already included the southeast quarter of that section, does it not?

A Yes, sir, that is correct, so it will just be actually the northeast quarter.

MR. YOST: At this time we offer in evidence Commission's Exhibits 1 to 8, inclusive.

MR. MACEY: Is there objection to the introduction of these exhibits? If not, they will be received. Any questions of the witness? If not, the witness may be excused.

(Witness excused.)

MR. MACEY: Take the case under advisement.

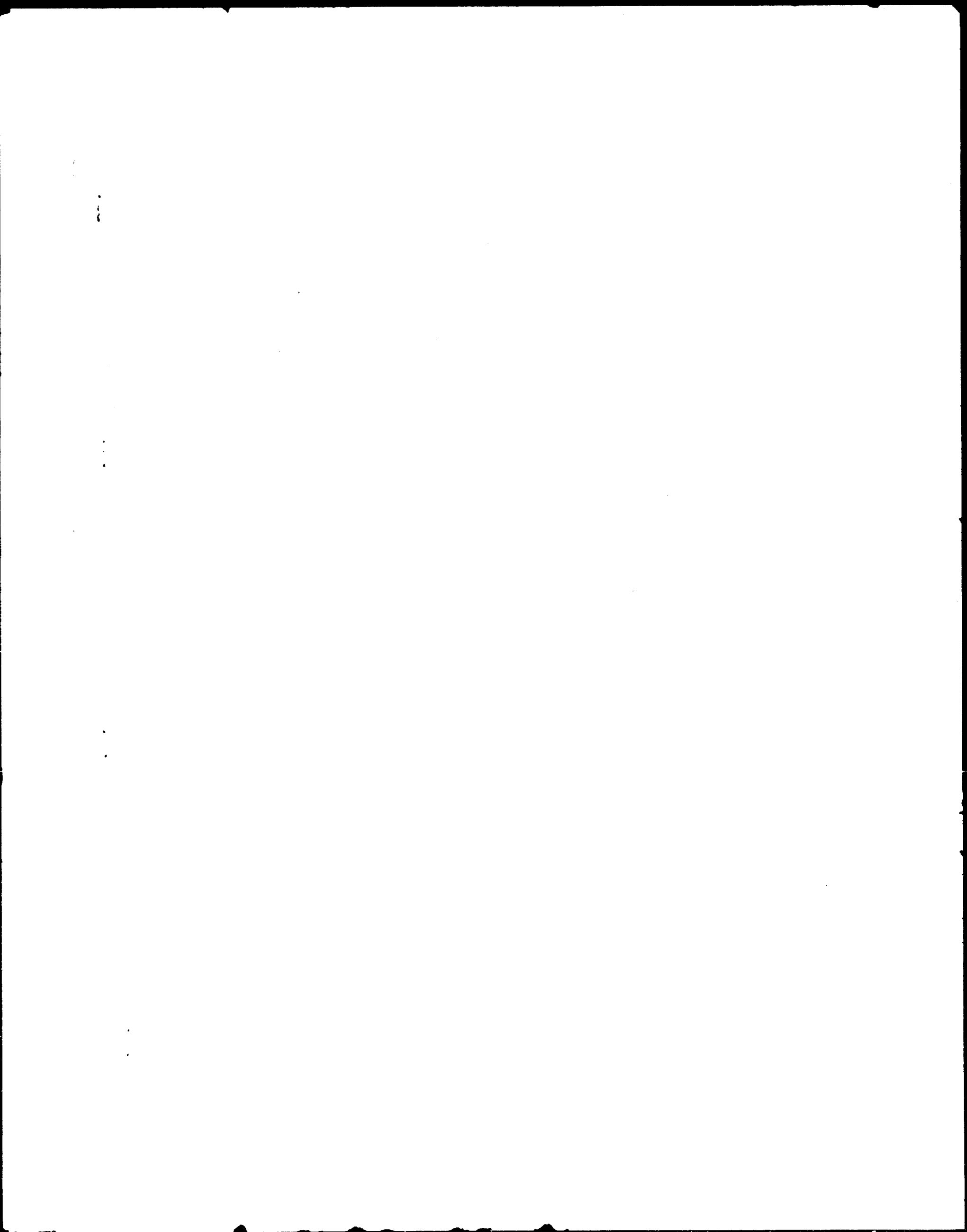
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS.

I, Margaret McCoskey, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 23rd day of December, 1954.

Margaret McCoskey
Notary Public-Court Reporter

My commission expires
August 15, 1956.



**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

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

**CASE NO. 802
ORDER NO. R-569**

**THE APPLICATION OF THE OIL CONSER-
VATION COMMISSION UPON ITS OWN
MOTION FOR AN ORDER CALLING FOR
THE CREATION OF NEW POOLS AND EXTEN-
SION OF EXISTING POOLS IN LEA COUNTY,
NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 16, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 13th day of January, 1955, 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 the Bell Lake-Pennsylvanian and Warren-Abe Pools, both in Lea County, New Mexico, should be created as advertised.

(3) That extensions should be approved as advertised, and as further amended by evidence presented at subject hearing, for the following pools in Lea County, New Mexico: Blinebry Gas Pool, Denton Oil Pool, Denton-Wolfcamp Oil Pool, Terry-Blinebry Oil Pool, and Eument Gas Pool.

IT IS THEREFORE ORDERED:

That the application of the Oil Conservation Commission of New Mexico, be, and the same hereby is, approved as follows:

(a) That a new pool should be created in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Bell Lake-Pennsylvanian Pool, and described as:

Twp. 23 South, Rge. 34 East, NMPM
All of Sections 30 and 31

(Discovery well: Continental Oil Co.'s Bell Lake Unit No. 2, SE/4 SW/4 30-23S-34E, completed October 14, 1954, producing gas from the Pennsylvanian, top of perforations at 12,635'.)

(b) That a new pool should be created in Lea County, New Mexico, classified as an oil pool for Abo production, designated as the Warren-Abo Pool, and described as:

Twp. 20 South, Rge. 38 East, NMPM
SW/4 Section 25, SE/4 Section 26,
NE/4 Section 35, NW/4 Section 36

(Discovery well: Continental Oil Company's Warren-Unit Fisher 35 No. 1 well, NE/4 NE/4 35-20S-38E, completed October 7, 1954, producing oil from the Abo, top of perforations at 7700'.)

(c) That the Blinebry Gas Pool, as heretofore classified, defined, and described, should be extended to include therein:

Twp. 21 South, Rge. 37 East, NMPM
SW/4 of Section 25

(d) That the Denton Pool, as heretofore classified, defined and described, should be extended to include therein:

Twp. 14 South, Rge. 37 East, NMPM
SE/4 of Section 23

(e) That the Denton-Wolfcamp Pool, as heretofore classified, defined and described, should be extended to include therein:

Twp. 14 South, Rge. 37 East, NMPM
NE/4 of Section 27

(f) That the Terry-Blinebry Pool as heretofore classified, defined and described, should be extended to include therein:

Twp. 20 South, Rge. 38 East, NMPM
S/2 of Section 34

Twp. 21 South, Rge. 37 East, NMPM
S/2 of Section 12; N/2 of Section 13

(g) That the Eumont Gas Pool as heretofore classified, defined and described, should be extended to include therein:

Twp. 21 South, Rge. 37 East, NMPM
W/2 SW/4 of Section 8

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
JOHN F. SIMMS, Chairman

E. S. Walker
E. S. WALKER, Member

W. B. Macey
W. B. MACEY, Member and Secretary

check
Wm

OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

Case 8021

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 County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations or extensions should not be made as follows:

C
O
P
Y

(a) Create a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Bell Lake-Pennsylvanian pool and described as:

Twp. 23S, Rge. 34E

All of Sec. 30 and 31

and such other lands contiguous etc.

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

Twp. 20S, Rge. 38E

SW/4 Sec. 25

SE/4 Sec. 26

NE/4 Sec. 35

NW/4 Sec. 36

and such other lands contiguous etc.

(c) Extend the Blinbry gas pool boundary in Lea County, New Mexico, to include therein:

Twp. 21S, Rge. 37E

SW/4 of Sec. 25

and such other lands etc.

(d) Extend the Denton pool boundary in Lea County, New Mexico, to include therein:

Twp. 14S, Rge. 37E

SE/4 Sec. 23

and such other lands contiguous etc.

(e) Extend the Denton-Wolfcamp pool boundary in Lea County, New Mexico, to include therein:

Twp. 14S, Rge. 37E

E/2 of Sec. 27

(f) Extend the Ferry-Blinbry pool boundary in Lea County, New Mexico, to include therein:

Twp. 20S, Rge. 38E

S/2 of Sec. 34

Twp. 21S, Rge. 37E

S/2 of Sec. 12

N/2 of Sec. 13

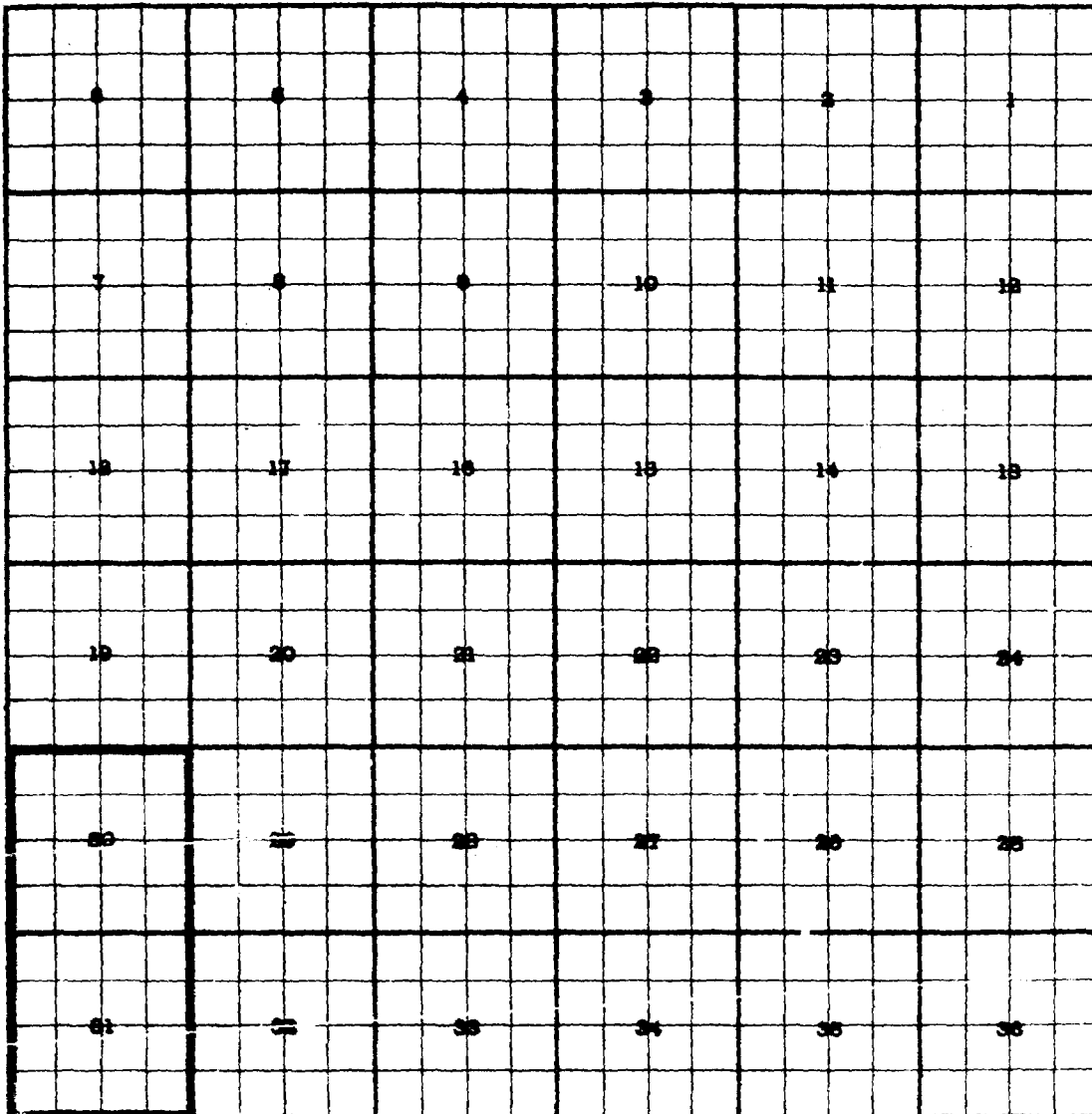
and such other lands contiguous

Case 802 (a) New pool creation - Gas Pool Bell Lake-Penn.

Ch. 100

County Lea Pool Bell-Lake Penn. sylvanian

TOWNSHIP 23 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation -Penn. Depth Range 12-15

Purpose: To create a pool for the :

Continental Oil Bell Lake Unit #2 in Unit N of Sec. 30-23-34, gas well

producing from the Pennsylvanian, t. s. 12,635, comp. 10-14-54

Proposed Boundary : Colored in Red (All Sec. 30 and 31)

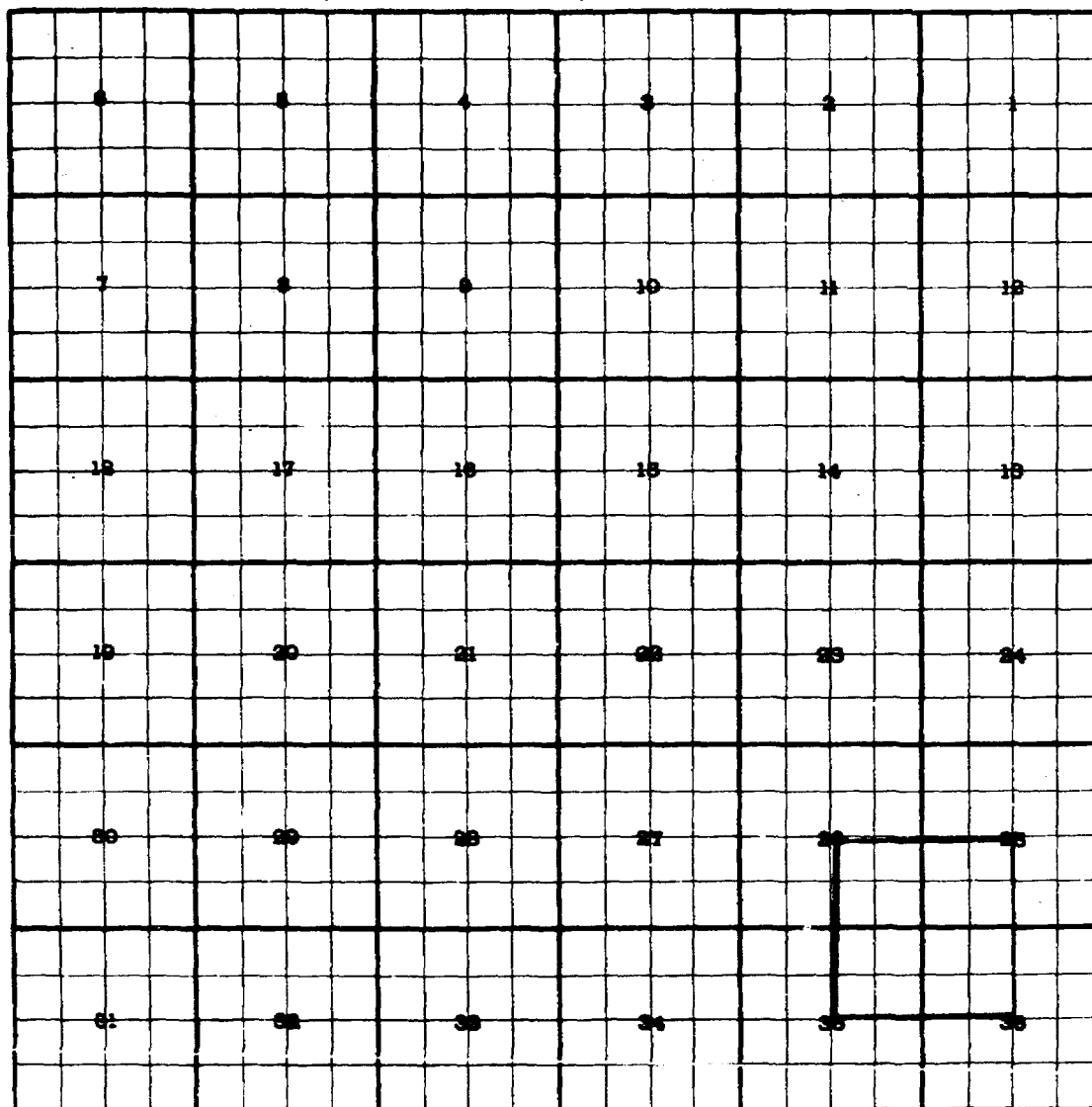
Ex 1

Case 802 (b) New pool creation oil pool Warren-Abo

County LEA

Pool WARREN-ABO

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



Producing Formation: Abo Depth Range 7-8

Purpose: To create a pool for Abo production for ;
Continental Oil Company's Warren-Unit Fisher 35 #1 in Unit A of
Section 35-20S-38E, Abo producer, comp. 10-7-54, t.g. 7700

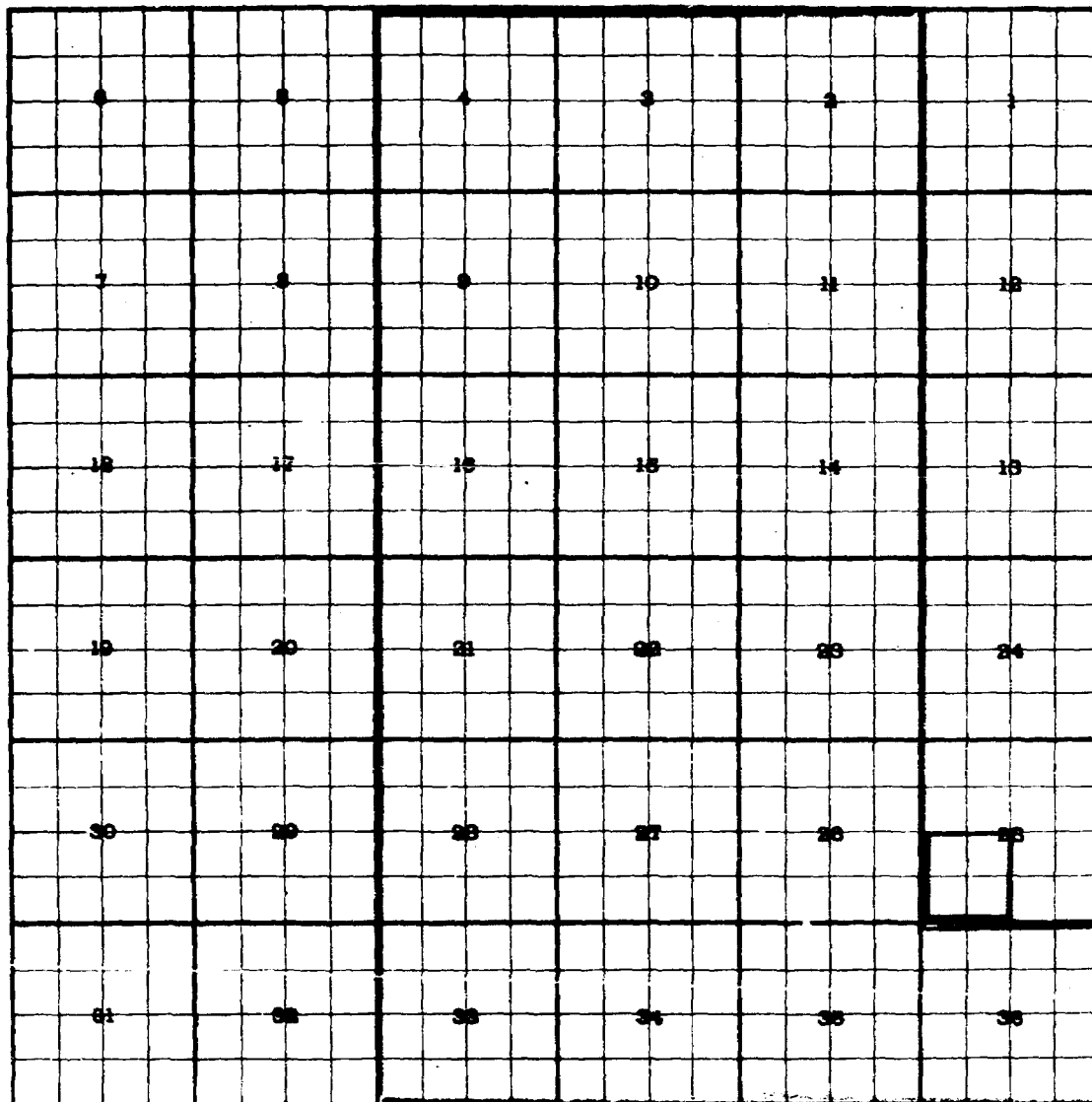
Proposed Boundary : Colored in Red (SW/4 Sec. 25, NW/4 Sec. 26, NE/4 Sec. 35, NW/4
Sec. 36)

Ex 2

Case 202: (c) Extension of gas pool boundary -Blinebry Gas Pool

County LEA Pool BLINEBRY

TOWNSHIP 21 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range 5-6 Producing Formation Blinebry

Purpose: To extend the limits of the Blinebry Gas Pool to include:

R. Olsen Oil Company's Eva Olsen #1-M Sec. 25-21-37 comp. for Blinebry
gas 9/26/54 t.p. 5560

Existing Boundary: Colored in Red

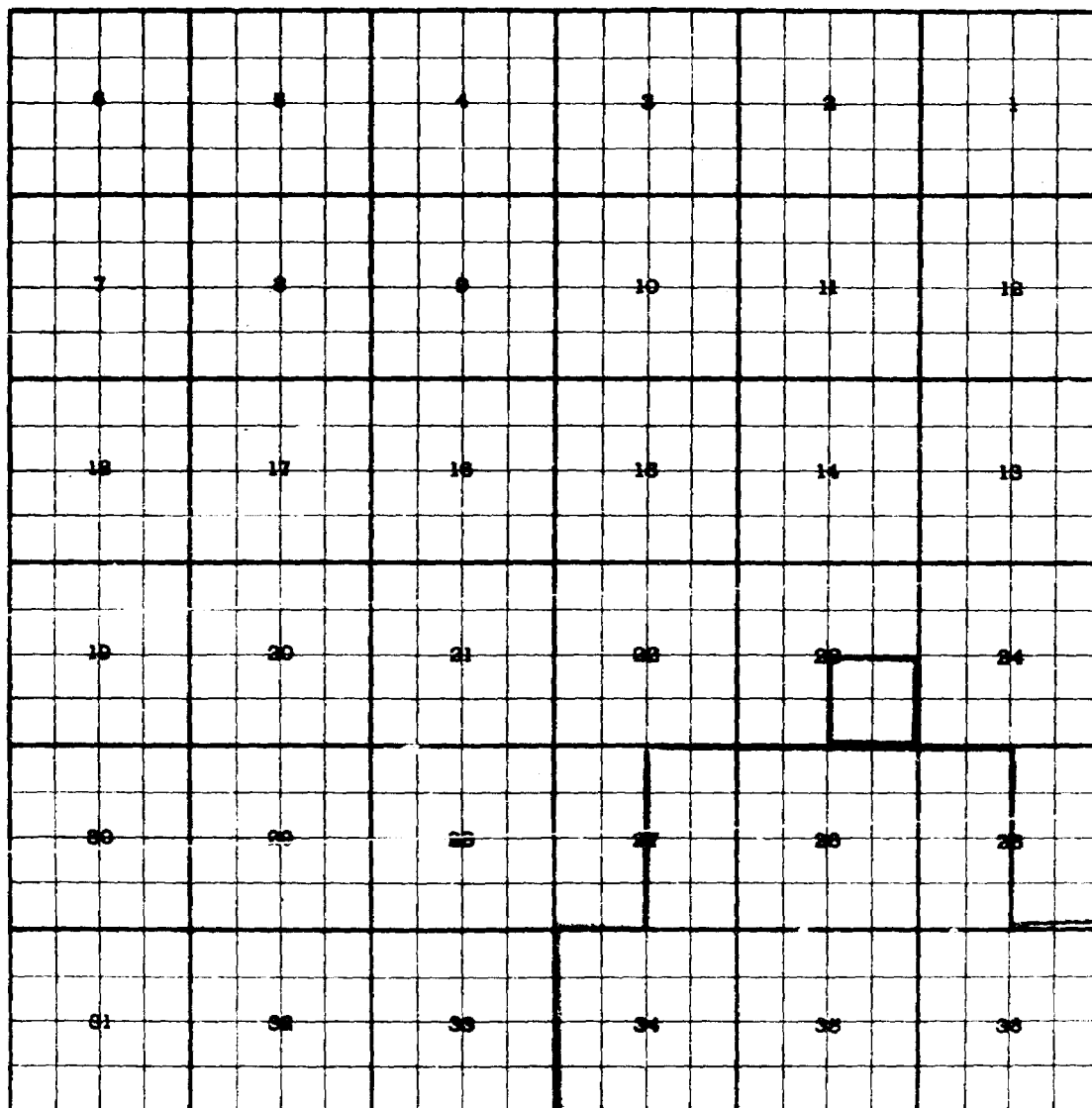
Proposed Extension: Colored in Green (5A/4 Sec. 25)

Ex 3

Case 802 (d) Extension of oil pool -Denton

County LEA Pool DENTON

TOWNSHIP 14 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation -Devonian Depth Range 11-12

Purpose: To extend oil pool to include ;

Sinclair Oil & Gas Lee Whitman "B" in Unit C of Sec. 23-14-37, producing
from the Dev. comp. 10-11-54 t.p. 12,544

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green (E/4 Sec. 23)

Ex 4

Denton-Wolfcamp

Pool DENTON-HOLSCAMP

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with the top row containing 6, 5, 4, 3, 2, 1 and the bottom row containing 36, 35, 34, 33, 32, 31. A path of thick lines is drawn through the grid, starting at the top-left corner (6) and ending at the bottom-right corner (36). The path consists of the following cells: 6, 5, 4, 3, 2, 1, 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 e: To extend the pool boundary to include ;

Letter to producer conc. 10/10/54 tp. 9350

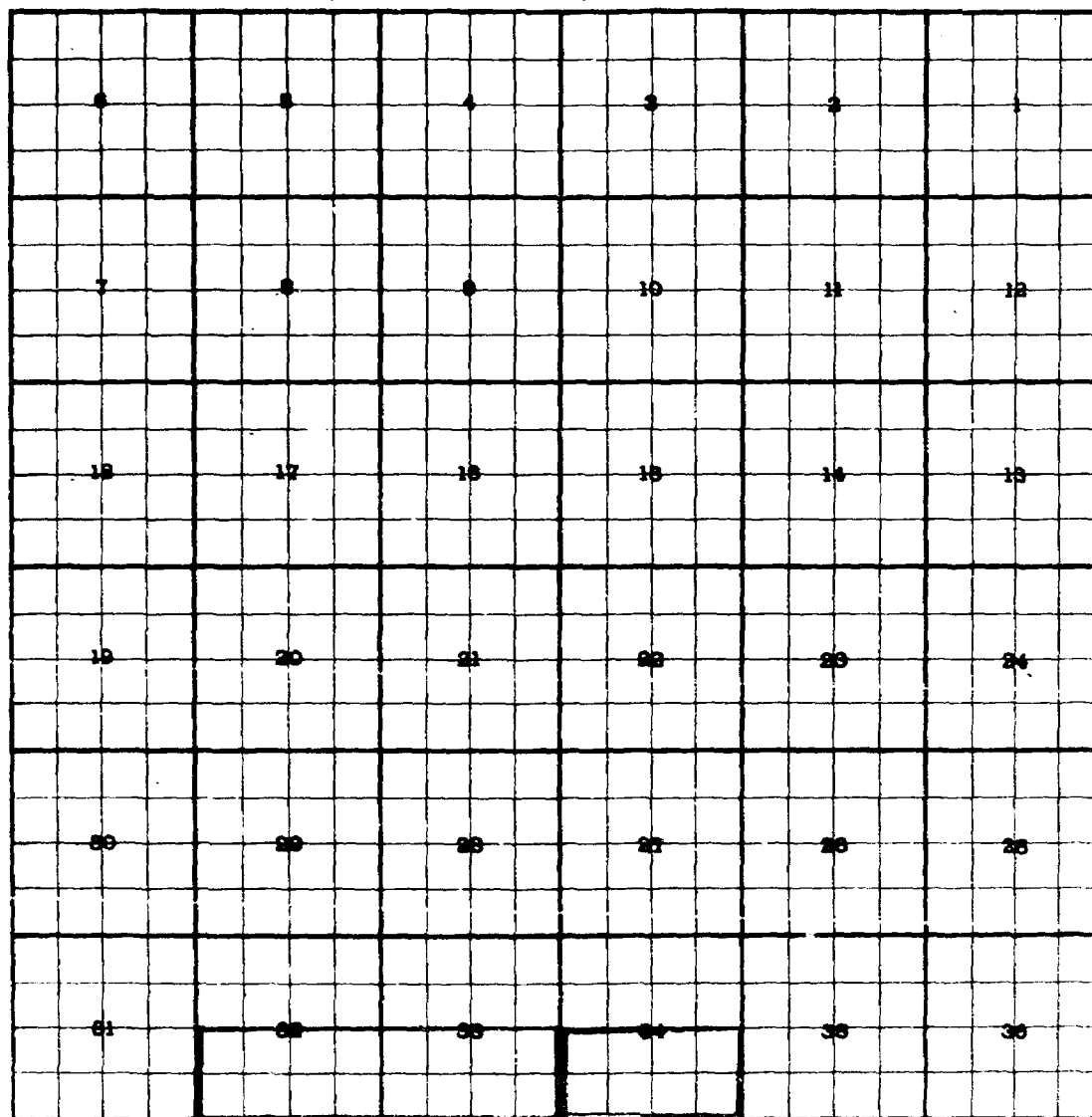
Precooler Extension: Colored in Green (E/2 Sec. 27) should be NE/4.

200

Case 802 (f) Oil pool extension Terry-Blinbry

County LEA Pool TERRY-BLINBRY

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



Depth range 5-6 Producing Formation Blinbry

Purpose: To extend the Terry-Blinbry pool to include;

Continental Oil Co. Warren Unit Fisher 34 1/2 in Unit II of Section 34-20-38
Blinbry producer, comp. 10-11-54, t.p. 5814 and

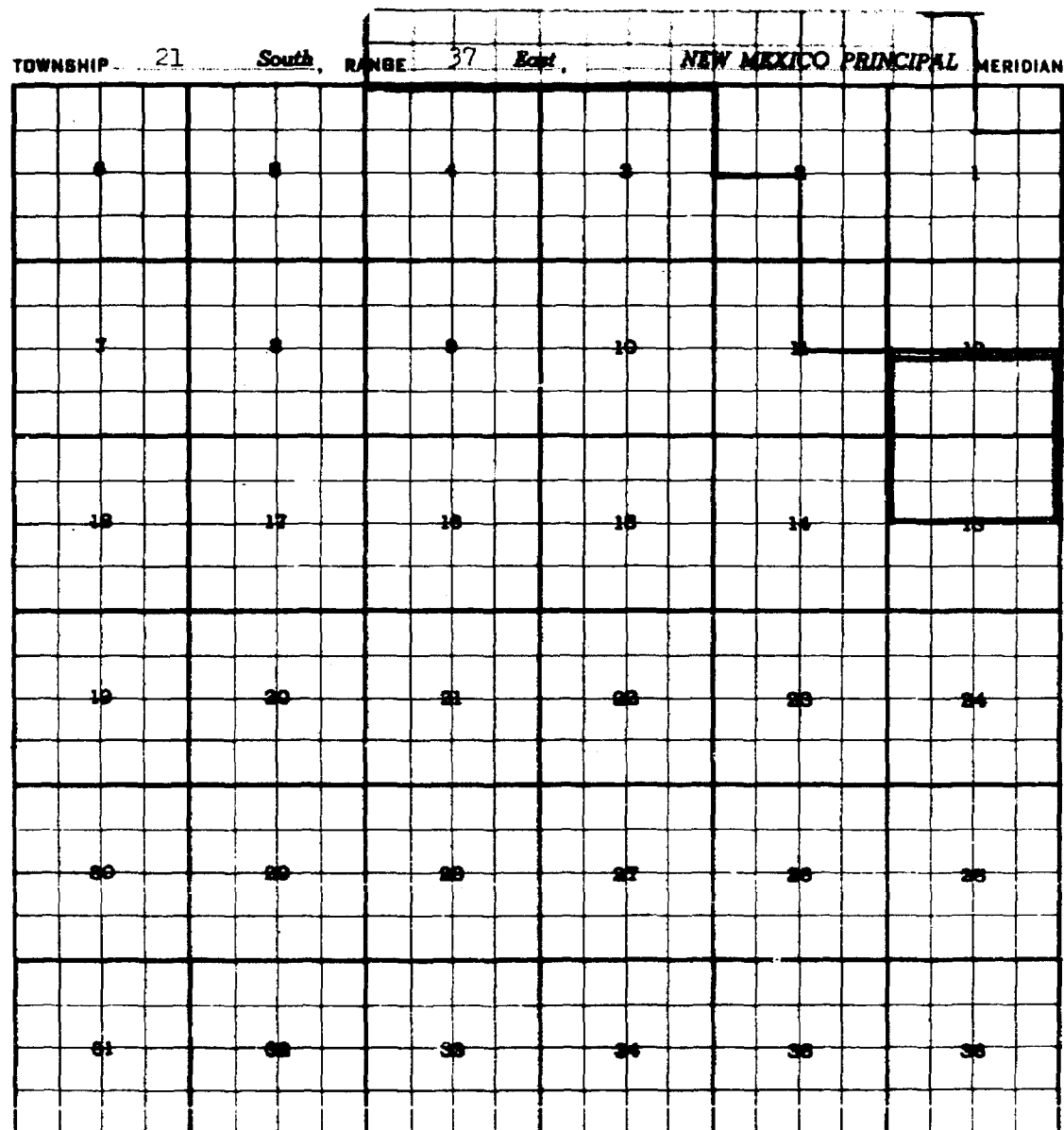
Continental Oil Co. Warren Unit Fisher 34 1/2 in Unit I of Sec. 34-20-38
comp. 11/26/54 t.p. 5802, Blinbry producer

Existing boundary: Colored in Red

Proposed Extension: Colored in Green (1/2 Sec. 34)

Case 802 (f) Oil pool extension Terry-Blinetry -(par. 2)

County LEA Pool TERRY-BLINETRY



Depth Range 5-6 Producing Formation -Blinetry

Purpose : to extend the limits of the pool boundary to include;
Shell Oil Company Gusher #1, Recombination in Blinetry pay in
Unit K of 12-21-37, comp. 10/1/54 t.p. 5750 and
Western Oil Fields Gulf-Burin #2, Blinetry producer in Unit C of Section
13-21-37 comp. 10-20-54 t.p. 5702

Existing Boundary : Colored in Red
Proposed Extension: Colored in Green (5/2 Sec. 12; 1/2 Sec. 13)

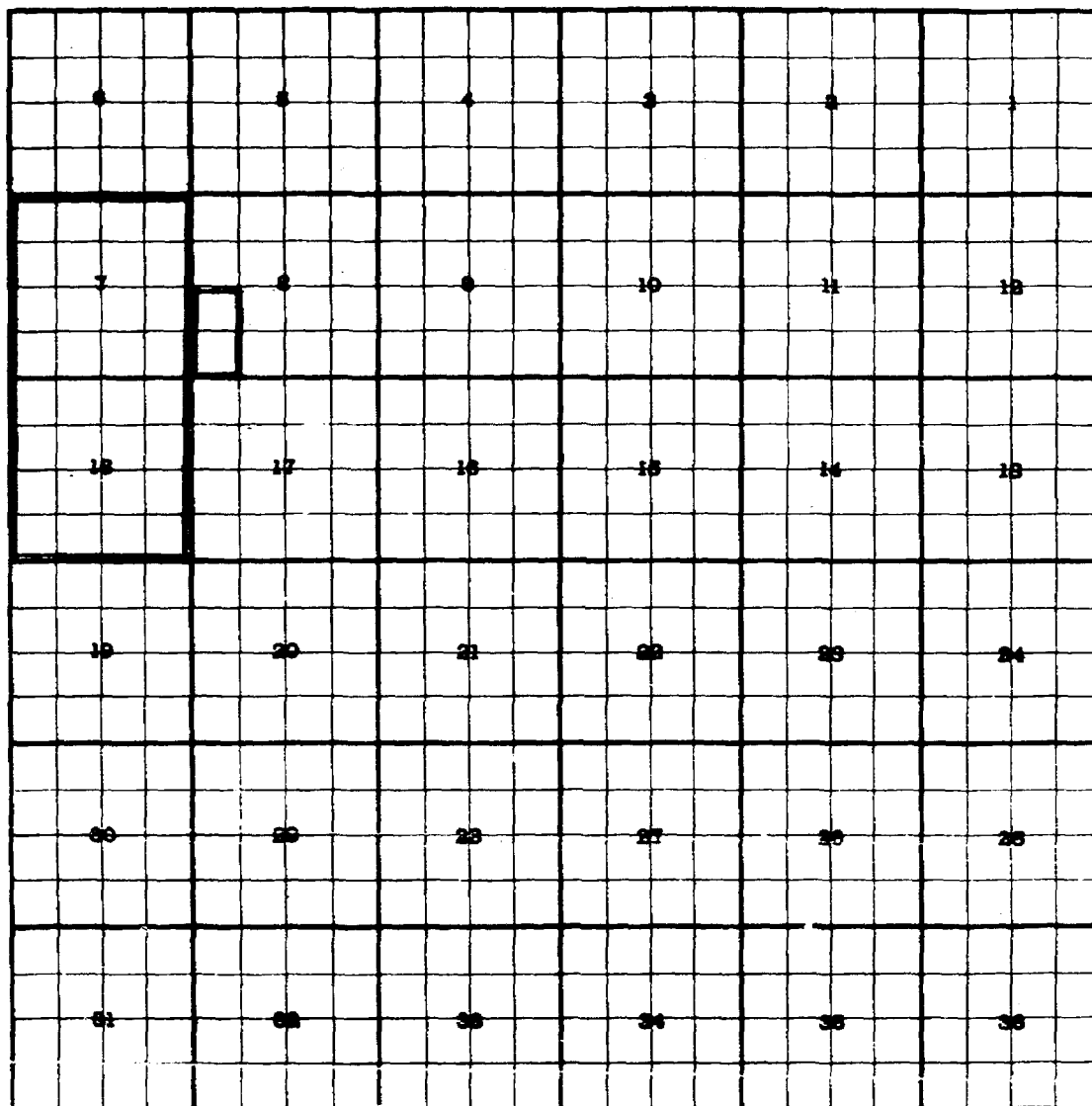
EX 7

Case 802 (a) Edmont Pool Extension-Gas

County LEA

Pool EDMONT

TOWNSHIP 21 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range C-5 Producing Form. From the top of the Yates formation to the base of the Queen, thereby including all the Yates, S R and Queen

Purpose: Reference Case 500 N. G. Penrose

Existing Boundary : Colored in Red

Proposed Extension : Colored in Green (1/2 in/4 Sec. 8)

CK 8