

Case No.

539

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 NEW MEXICO FOR THE  
PURPOSE OF CONSIDERING:

CASE NO. 539  
ORDER NO. R-328

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO UPON ITS OWN MOTION  
FOR AN ORDER FOR THE CREATION OF NEW POOLS,  
EXTENSION OF EXISTING POOLS, OR THE CHANGING OF  
PREVIOUSLY DESIGNATED POOL NAMES IN LEA AND  
CHAVES COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. May 19, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 10<sup>th</sup> day of June, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

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

Township 16 South, Range 32 East, NMPM  
SW/4 Section 1, S/2 Section 2,  
all Section 11, W/2 Section 12,  
W/2 of NW/4 Section 13, N/2 Section 14,

the establishment of said pool resulting from the discovery of Continental Oil Company's Anderson Ranch Unit No. 1 Well, SW/4 NE/4 Section 11, Township 16 South, Range 32 East, completed as a producer in the Devonian formation on March 26, 1953, with casing perforations 13,374 - 13,474 feet.

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

Township 13 South, Range 38 East, NMPM  
All Sections 11 and 14,

the establishment of said pool resulting from the discovery of Amerada Petroleum Corporation's H. D. Schenck Well No. 1, Lot 1, Section 14, Township 13 South, Range 38 East, NMPM, completed as a producer from the Siluro-Devonian formation on April 4, 1953, with casing perforations 11,700 - 11,890 feet.

(4) That a new pool should be created in Chaves County, New Mexico, classified as an oil pool for Siluro-Devonian production, designated as the White Ranch-Siluro-Devonian Pool, and described as:

Township 11 South, Range 29 East, NMPM  
All Sections 27, 28, 33 and 34,

the establishment of said pool resulting from the discovery of Republic Natural Gas Co.'s White Ranch No. 1 Well, SW/4 NW/4 Section 34, Township 11 South, Range 29 East, NMPM, completed as a producer from the Siluro-Devonian formation on April 6, 1953, with casing perforations 8719 - 8769 feet.

(5) That the West Dollarhide-Drinkard Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 24 South, Range 38 East, NMPM  
All Section 30

(6) That the West Dollarhide-Queen Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 24 South, Range 38 East, NMPM  
N/2 Section 32

(7) That the East Lovington-Pennsylvanian Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 16 South, Range 37 East, NMPM  
All Section 19

(8) That the Moore-Devonian Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 11 South, Range 32 East, NMPM  
S/2 Section 14

(9) That the Saunders Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 15 South, Range 33 East, NMPM  
SW/4 Section 4

(10) That the names of the following pools as heretofore classified, defined and described should be changed as follows:

West Dollarhide to Dollarhide-Ellenburger;  
West Dollarhide-Devonian to Dollarhide-Devonian;  
West Dollarhide-Drinkard to Dollarhide-Drinkard;  
West Dollarhide-Fusselman to Dollarhide-Fusselman;  
West Dollarhide-Queen to Dollarhide-Queen.

IT IS THEREFORE ORDERED:

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

(1) That a new pool be, and the same hereby is created, designated for oil production, denominated the Anderson Ranch-Devonian Pool, Lea County, New Mexico, and described as follows:

Township 16 South, Range 32 East, NMPM  
SW/4 Section 1, S/2 Section 2,  
all Section 11, W/2 Section 12,  
W/2 of NW/4 Section 13, N/2 Section 14

(2) That a new pool be, and the same hereby is created, designated for oil production, denominated the Bronco-Siluro-Devonian Pool, Lea County, New Mexico, and described as follows:

Township 13 South, Range 38 East, NMPM  
All Sections 11 and 14

(3) That a new pool be, and the same hereby is created, designated for oil production, denominated the White Ranch-Siluro-Devonian Pool, Chaves County, New Mexico, and described as follows:

Township 11 South, Range 29 East, NMPM  
All Sections 27, 28, 33 and 34

(4) That the boundaries of the West Dollarhide-Drinkard Pool, Lea County, New Mexico, be and the same hereby are extended to include:

Township 24 South, Range 38 East, NMPM  
All Section 30

(5) That the boundaries of the West Dollarhide-Queen Pool, Lea County, New Mexico, be and the same hereby are extended to include:

Township 24 South, Range 38 East, NMPM  
N/2 Section 32

(6) That the boundaries of the East Lovington-Pennsylvanian Pool, Lea County, New Mexico, be and the same hereby are extended to include:

Township 16 South, Range 37 East, NMPM  
All Section 19

(7) That the boundaries of the Moore-Devonian Pool, Lea County, New Mexico, be and the same hereby are extended to include:

Township 11 South, Range 32 East, NMPM  
S/2 Section 14

(8) That the boundaries of the Saunders Pool, Lea County, New Mexico, be and the same hereby are extended to include:

Township 15 South, Range 33 East, NMPM  
SW/4 Section 4

(9) That the names of previously described and designated pools be changed as follows:

West Dollarhide to Dollarhide-Ellenburger;  
West Dollarhide-Devonian to Dollarhide-Devonian;  
West Dollarhide-Drinkard to Dollarhide-Drinkard;  
West Dollarhide-Fusselman to Dollarhide-Fusselman;  
West Dollarhide-Queen to Dollarhide-Queen

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

*E. S. Walker*  
E. S. Walker, Member  
*R. R. Spurrier*  
R. R. Spurrier, Secretary

S E A L

*May nomenclature*

New Mexico  
OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM  
CHAIRMAN  
LAND COMMISSIONER E. S. WALKER  
MEMBER  
STATE GEOLOGIST R. R. SPURRIER  
SECRETARY AND DIRECTOR



P. O. BOX 2045  
HOBBS, NEW MEXICO

CASE 554-39

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the extension of existing pools or the creation of new 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 extensions and creations should not be made.

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

Twp. 16S. Rge. 32E. NMPM

SW/4 of Section 1, S/2 of Section 2, all Section 11,  
W/2 of Section 12 and the W/2 of NW/4 of Section 13  
and N/2 Section 14.

and such other contiguous lands as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

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

Twp. 13S. Rge. 38E. NMPM

All Sections 11 and 14

and such other contiguous lands as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(c) Create a new pool in Chaves County, New Mexico, classified as an oil pool for Silurian-Devonian production, designated as the White Ranch-Silurian-Devonian pool and described as:

Twp. 11S. Rge. 29E. NMPM

All Sects. 27, 28, 33 and 34

and such other contiguous lands as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(d) Extend the West Dollarhide-Drinkard pool boundary in Lea County, New Mexico to include therein:

Twp. 24S. Rge. 38E. NMPM

All Section 30

and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(e) Extend the West Dollarhide-Queen pool boundary in Lea County, New Mexico to include therein:

Twp. 24S. Rge. 38E. NMPM

N/2 Section 32

and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(f) Extend the East Lovington-Pennsylvanian pool boundary in Lea County, New Mexico to include therein:

Twp. 16S. Rge. 37E. NMPM

All Section 19

and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(g) Extend the Moore-Devonian pool boundary in Lea County, New Mexico to include therein:

Twp. 11S. Rge. 32E. NMPM

S/2 Section 14

and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

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

Twp. 15S. Rge. 33E. NMPM

SW/4 of Section 4

and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(i) Change the name of the pools listed below as follows:

West Dollarhide to Dollarhide-Ellenburger

" " Devonian to Dollarhide-Devonian

" " Drinkard to Dollarhide-Drinkard

" " Fusselman to Dollarhide-Fusselman

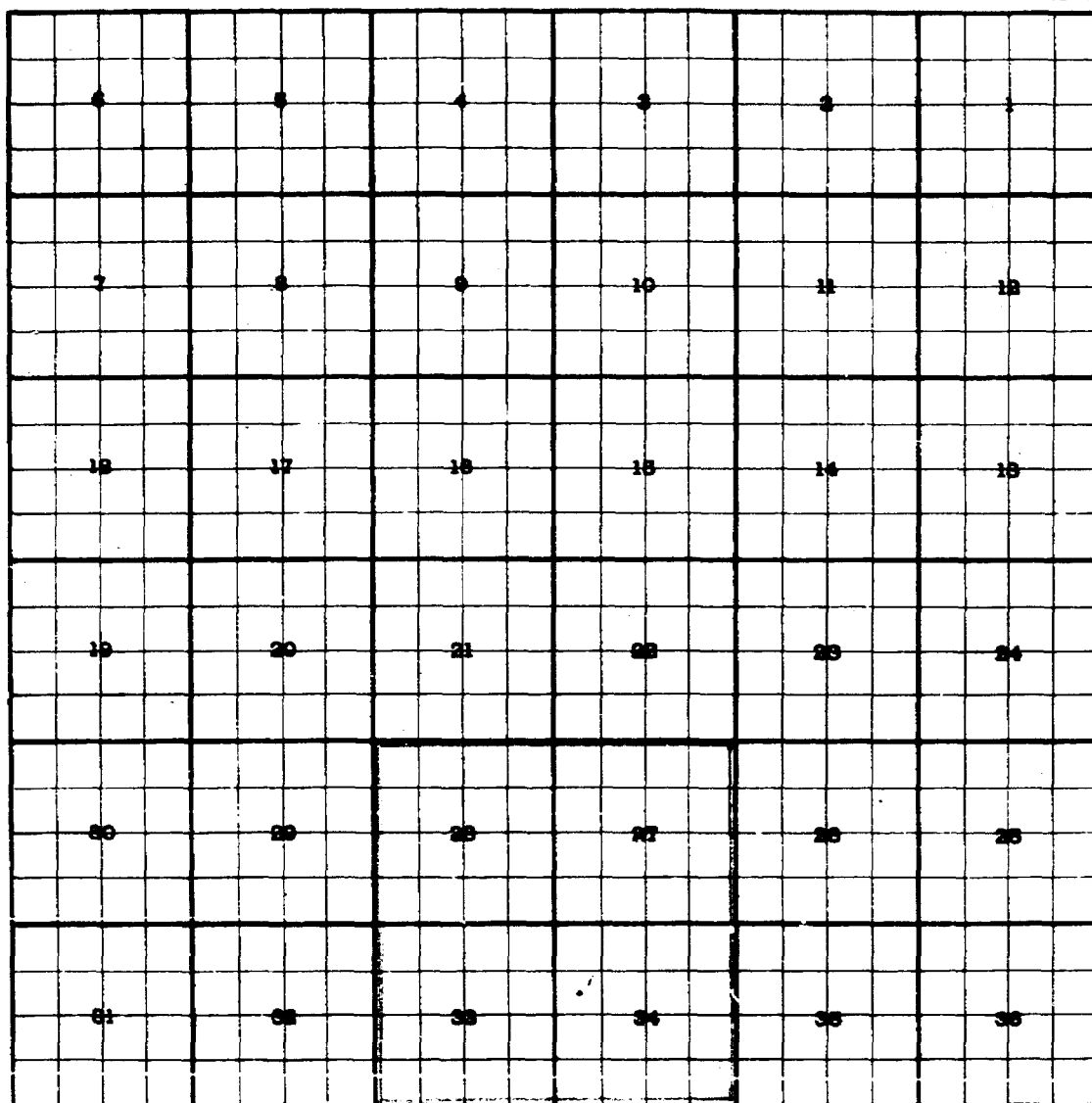
" " Queen to Dollarhide-Queen

Case 537 (C)

County Chaves

Pool White Ranch - Silure-Devonian

TOWNSHIP 11 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN



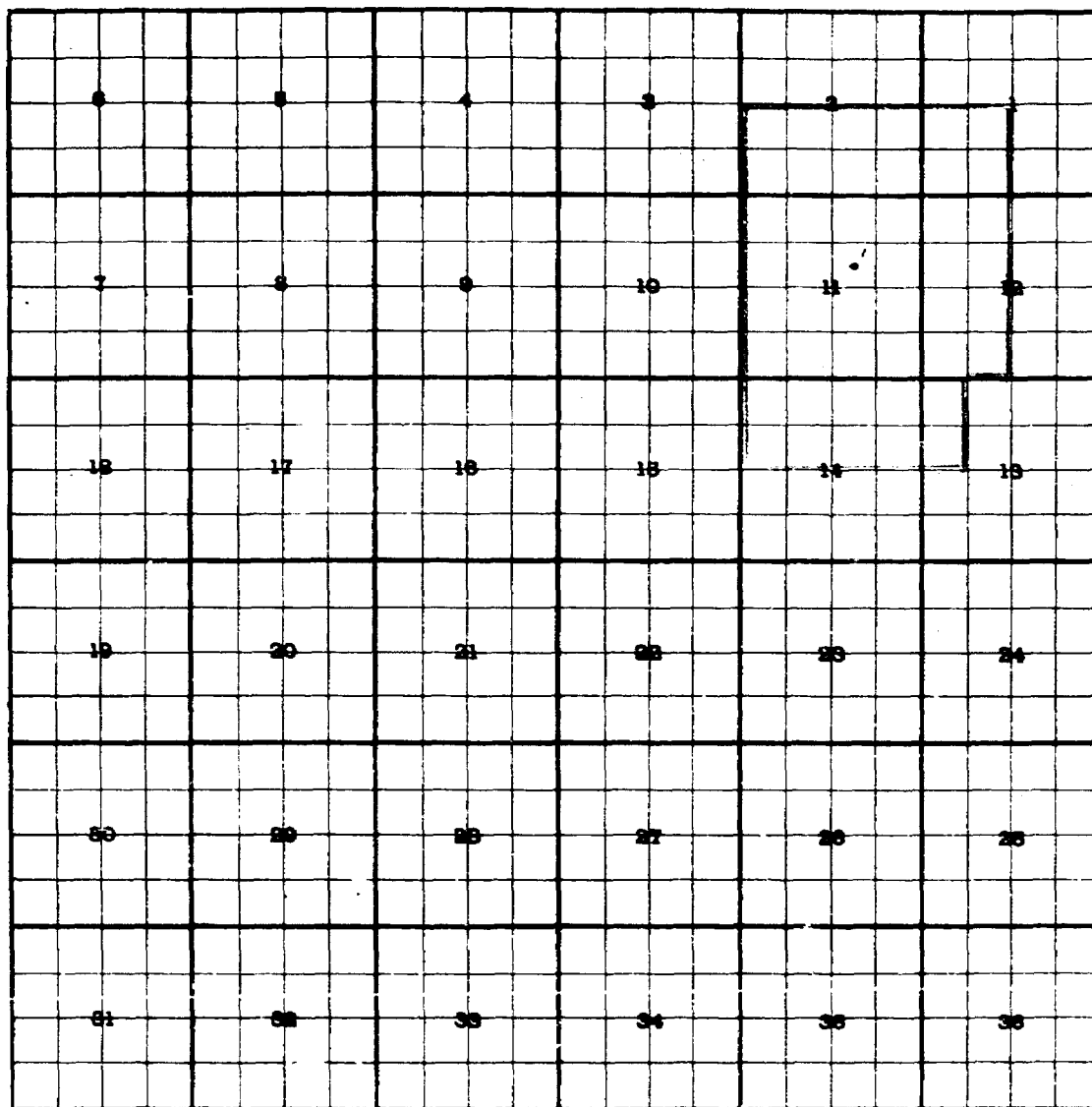
Producing Formation - Silure-Devonian, D.R. 9 9, Perf. 8719-8769

Discovery Well: Republic Natural Gas Co., White Ranch #1, Unit E,  
Sec 34, T11S, R29E, Date Comp. 4-6-53

C38c 537 (2)

County Lea Pool Andersen-Kynch-Devonian

TOWNSHIP 16 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation = 15,200-15,400' Exp. 13 to 14, Per. 13,374-13,400, 13,408-15,414

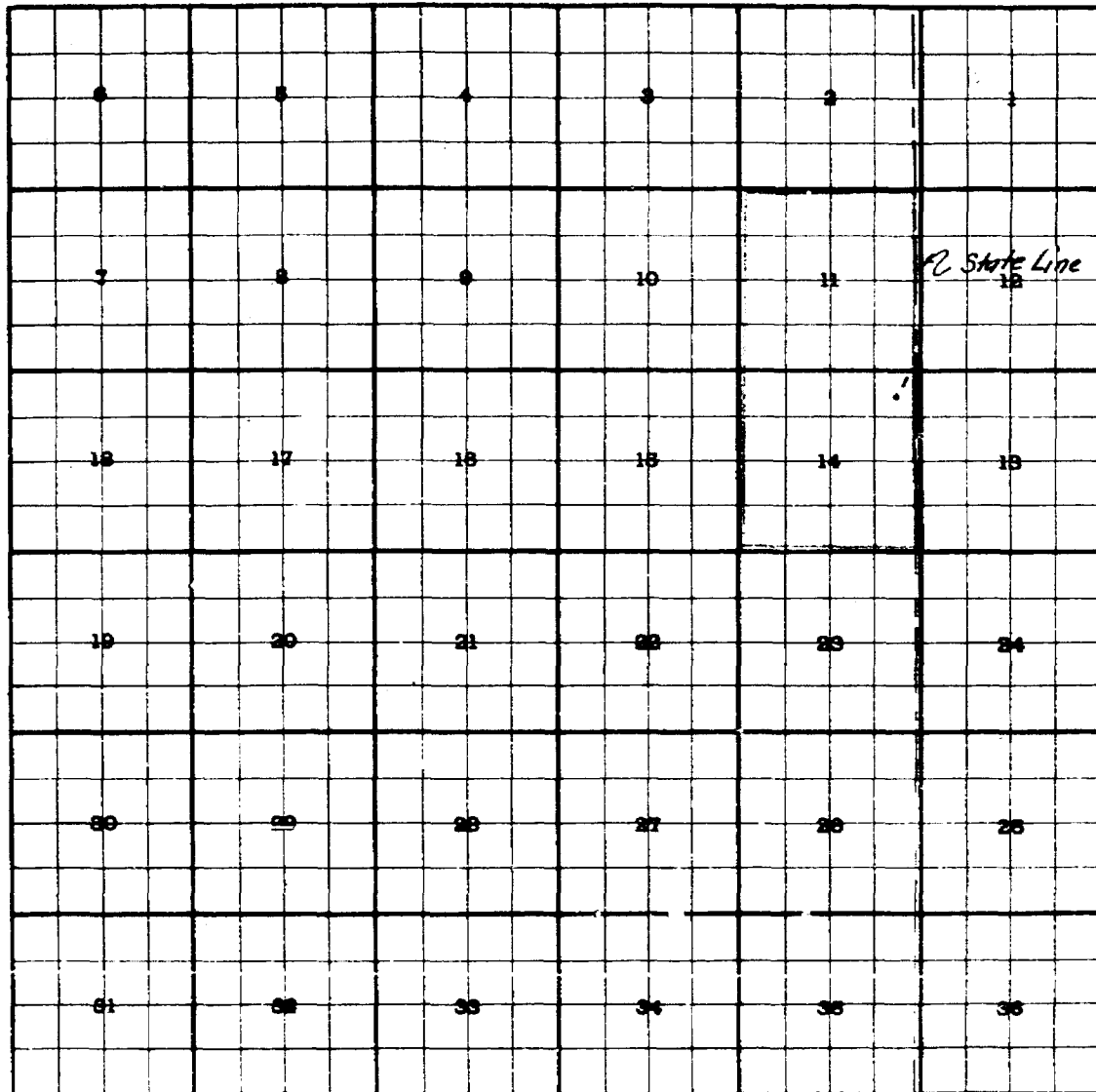
Discovery Well: Continental Oil Co. Anderson Ranch Unit #1, Unit G,  
Sec 11, T12S, R22E, Hotte Comp. Bldg. 26, 1953



Case 539 (b)

County Lea Pool Brace-Siluro-Devonian

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



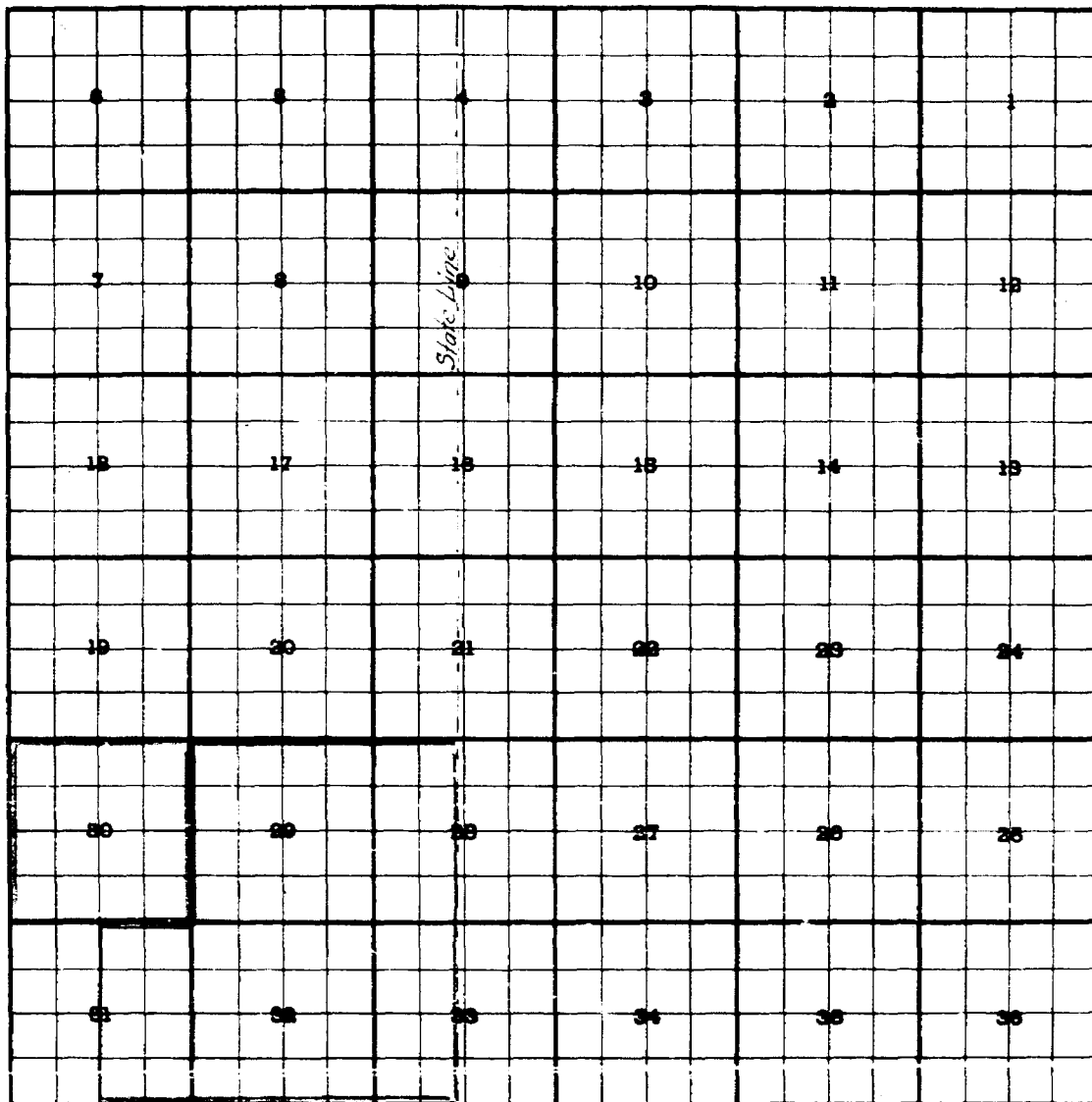
Producing Formation: Siluro Devonian, D.R. 11 to 12, Perf. 11,700-11,780, 11800-11890

Discovery Well: Amerada Petroleum Corp., H.D. Schenck #1, Unit A  
Sec 14, T13S, R38E, Date Comp. 4-4-53

Case 534(d)

County Lea Pool West Dollarhide - Drinkard

TOWNSHIP 24 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation - Drinkard, D.R. 6-7

Purpose: To include Ralph Lane, Hill #1, Unit 2, 30-24-38

To include Sinclair, Hill #1, Unit 2, 30-24-38

Existing Boundary - Colored in Red

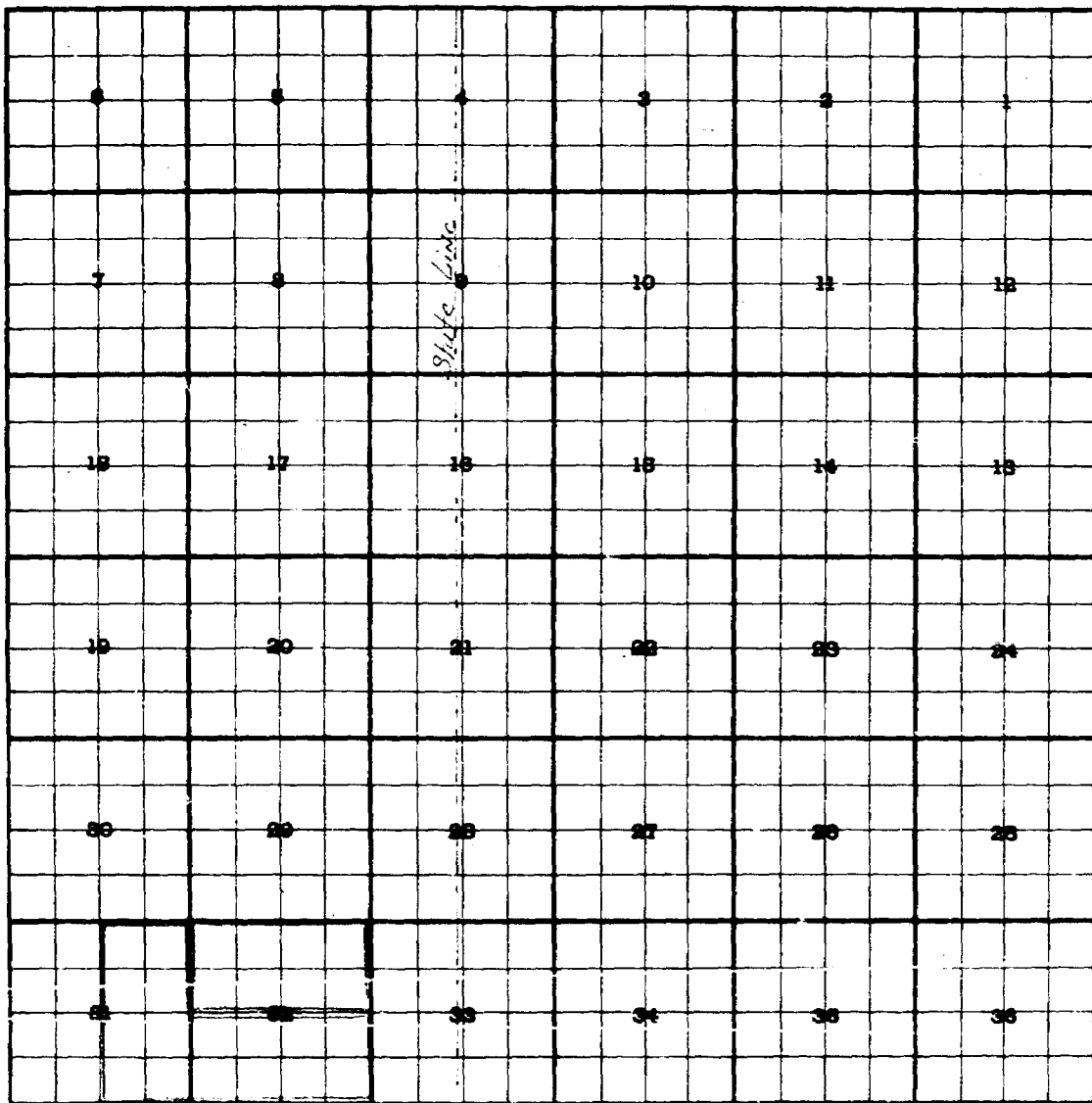
Proposed Extension - Colored in Green

Case 531(e)

County Lea

Pool West Dolbride - Queen

TOWNSHIP 24 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Queen, 12-15

Purpose: To include Standard Oil Co., State "Y" #4, Unit 1, 32-24-38

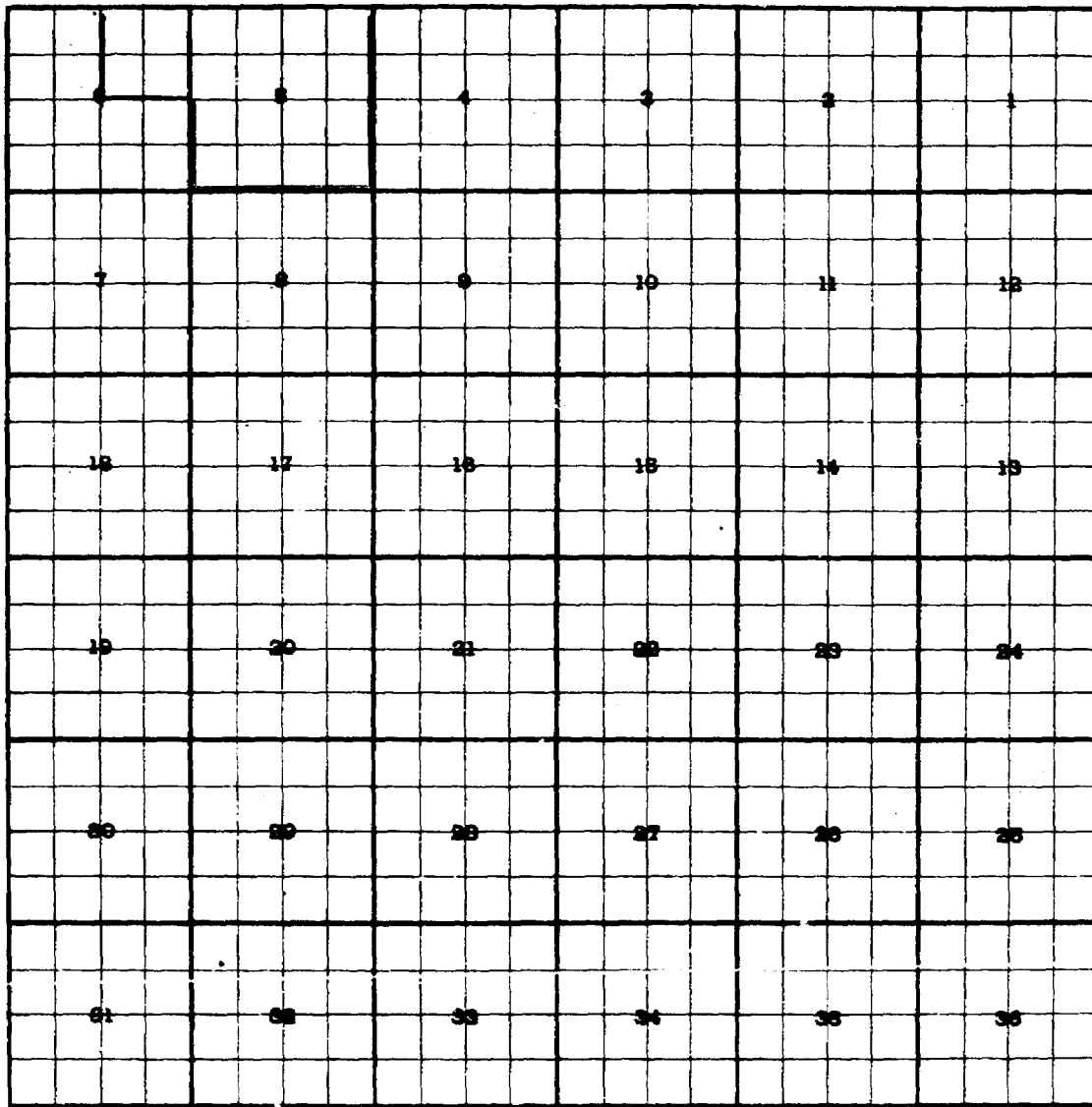
Existing Boundary: Colored in Red

Proposed Extension: Colored in Green

Case 539(c)

County Lea Pool West Dollarhide - Queen

TOWNSHIP 25 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN

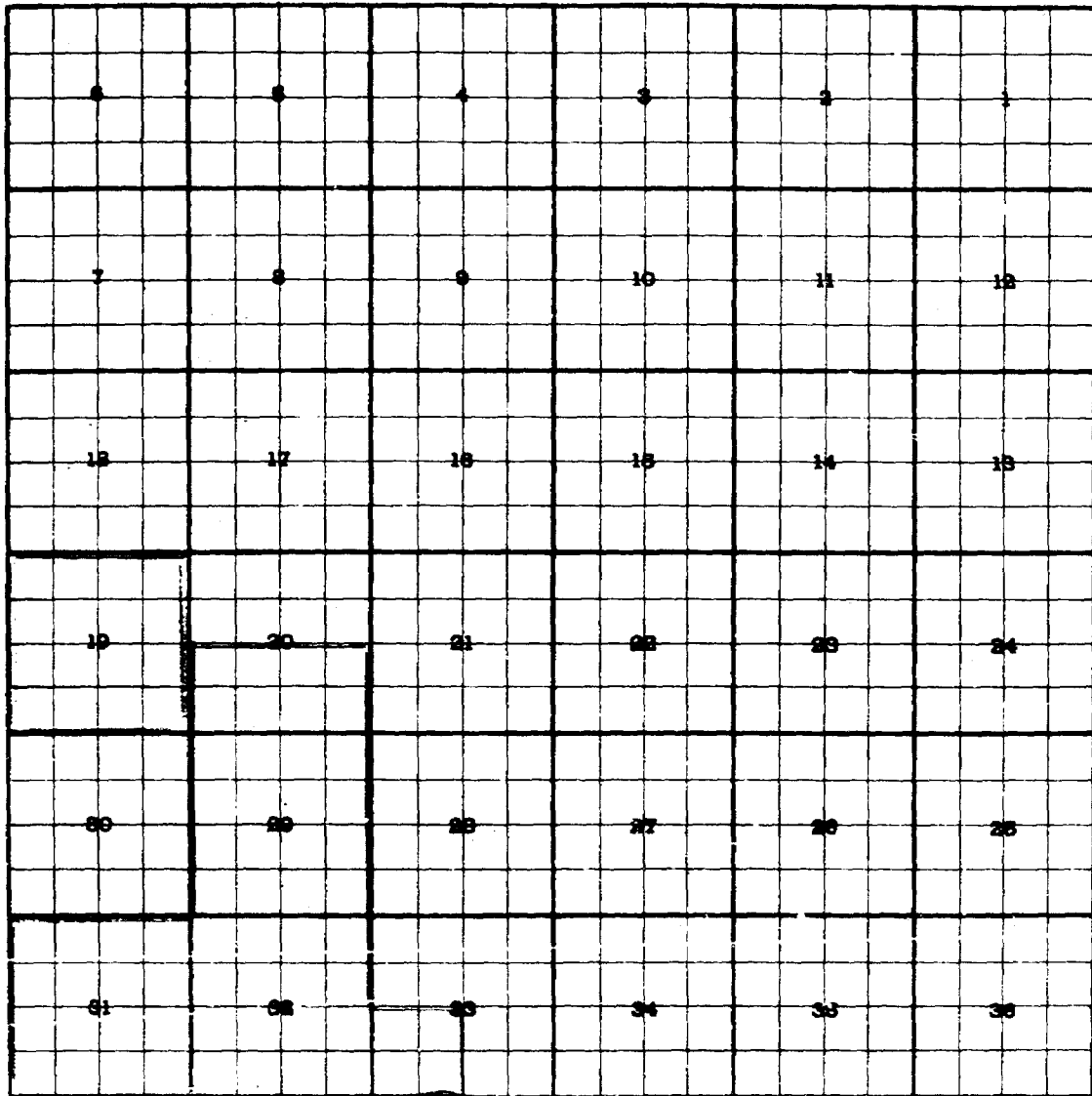


Case 507 (1)

County Lea

Pool East Lovington-Pennsylvanian

TOWNSHIP 16 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation - Pennsylvanian, D.R. 11 to 12,000

Purpose: To include the water flow in the Pennsylvanian "B" Unit, Sec 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36.

Existing Boundary: Colored in Red

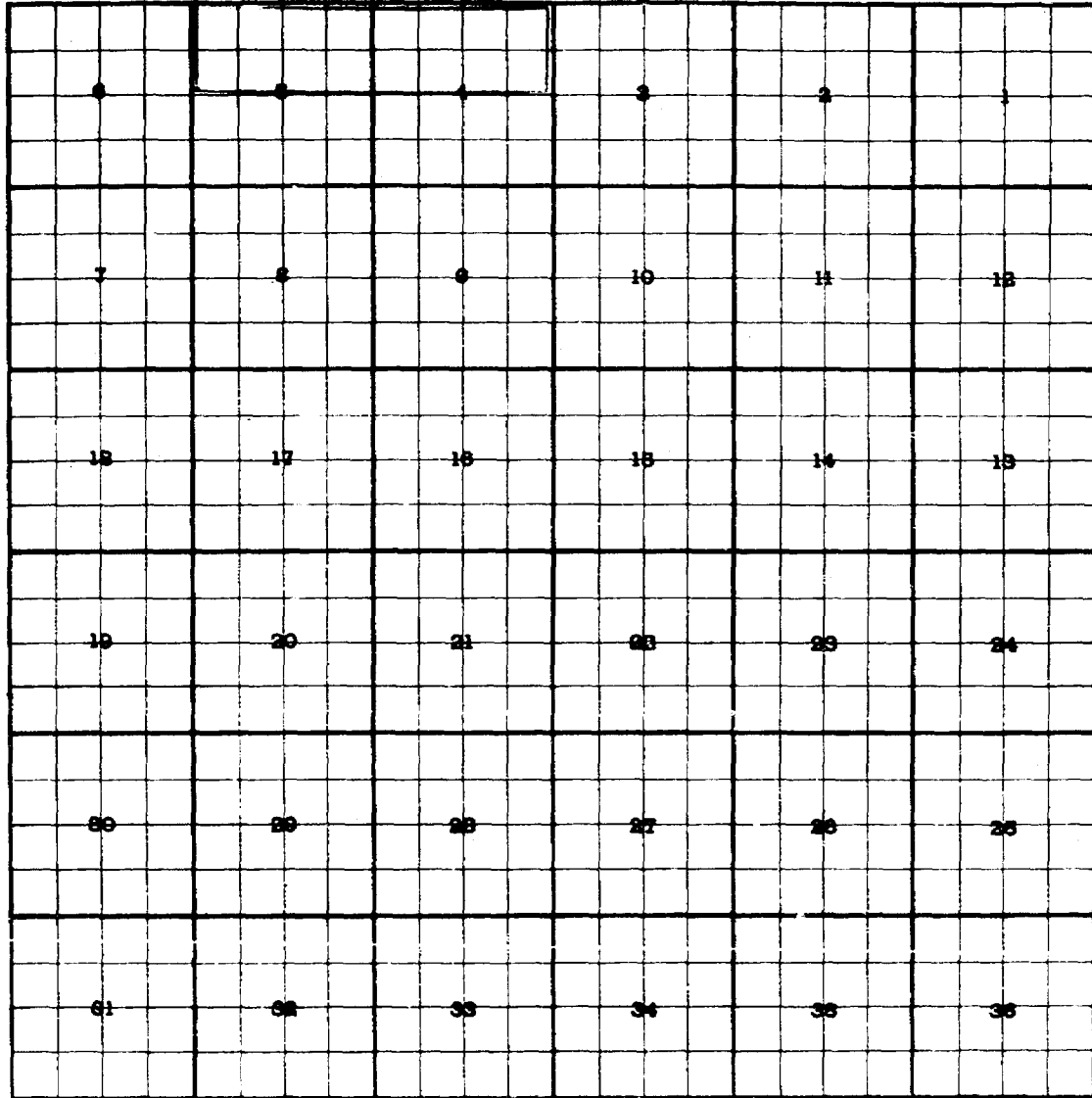
Proposed Extension: Colored in Green

Case 539(f)

County Lea

Pool East Lovington-Pennsylvanian  
(Cont.)

TOWNSHIP 17 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



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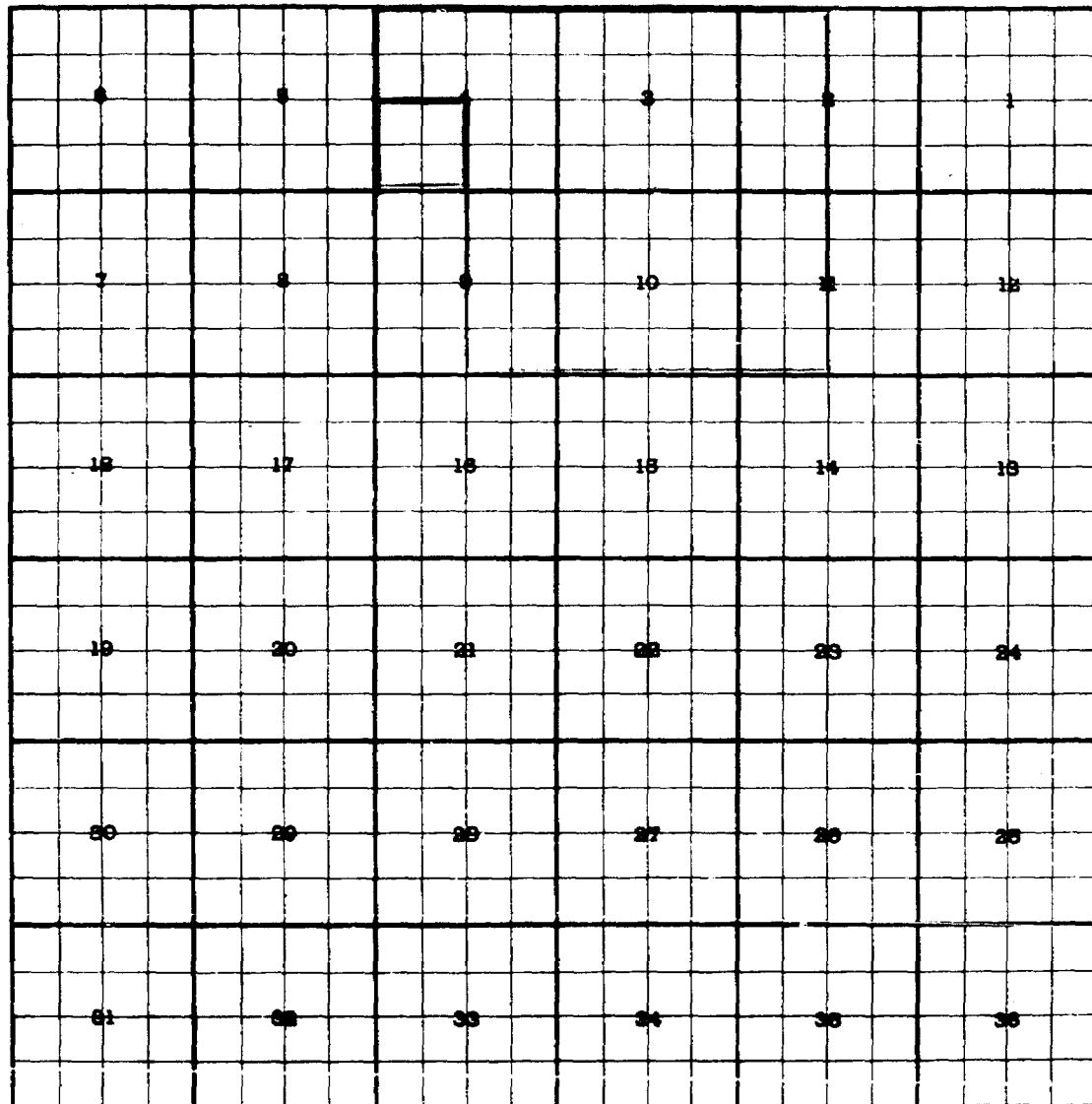
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Case 531(4)

County Lea Pool Sanders

TOWNSHIP 15 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Permian-Pennsylvanian, D.H. 9-10,000

Purpose: To include Amecida Petroleum Corp. State S "I" #1  
Unit N, Sec. 15, T. 15S, R. 33E

Existing Boundary: Colored in red

Proposed extension: Colored in green

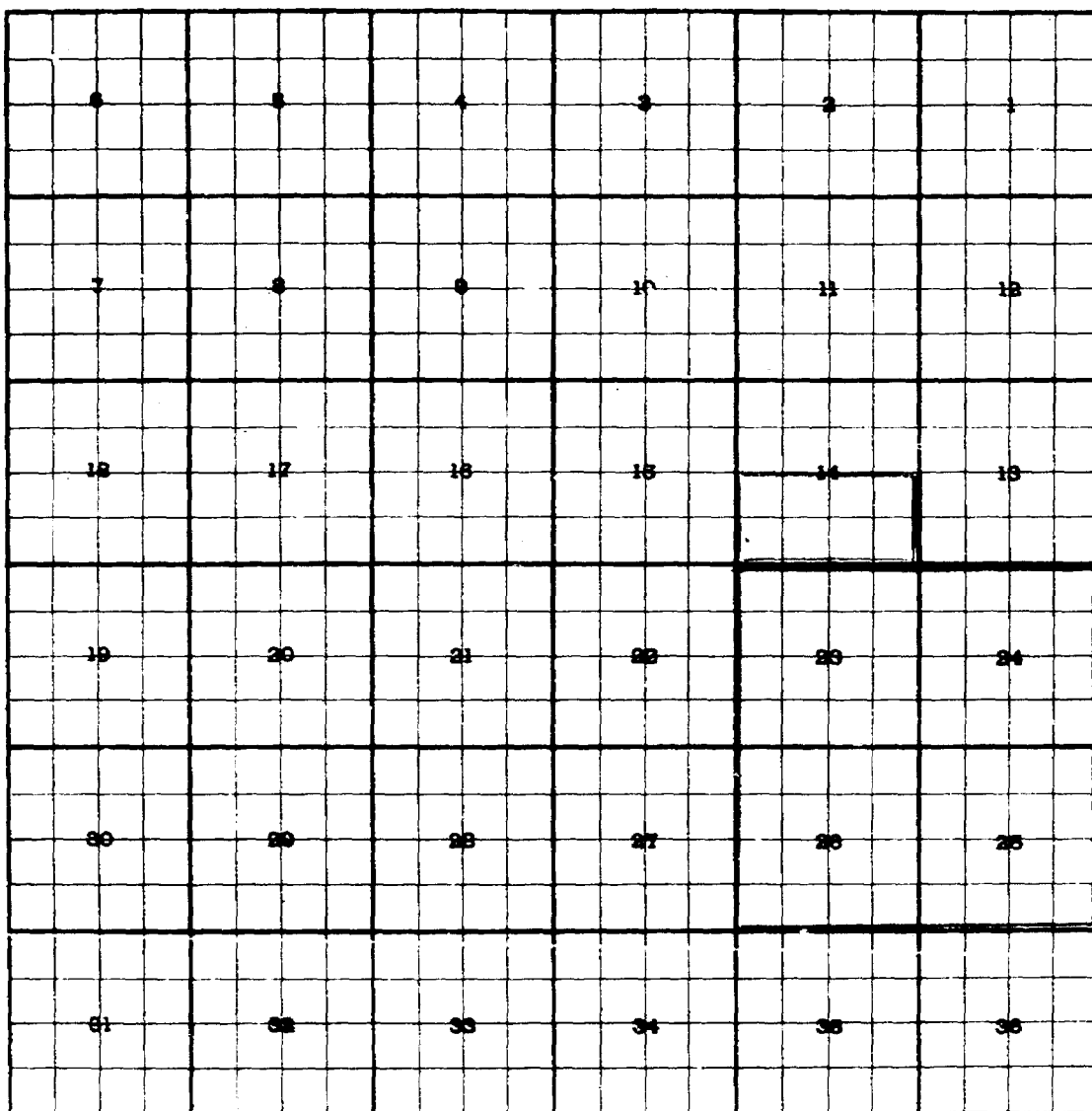




Case 531 (g)

County Lea Pool Moore-Devonian

TOWNSHIP 11 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



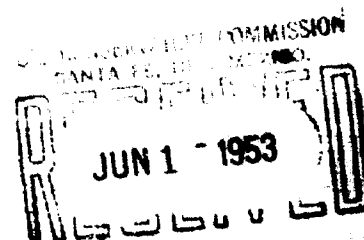
Producing Formation - Devonian D.R. 10-11,000

Purpose: To include Amerada Petroleum Corp., Coleman W. Robinson "A",  
#1, Sec 14, T11S-R32E (Unit P)

Existing Boundary: Colored in red.

Proposed Extension: Colored in green.

BEFORE THE  
OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO



CASE 539: Southeastern New Mexico nomenclature case,  
providing for the following:

- (a) Creation of Anderson Ranch-Devonian  
Pool in Lea County, described as:

Township 16 S., Range 32 E., NMPL  
Section 1: SW/4  
Section 2: S/2  
Section 11: All  
Section 12: W/2  
Section 13: W/2 NW/4  
Section 14: N/2

- (b) Creation of Breeco-Siluro-Devonian  
Pool in Lea County, described as:

Township 13 S., Range 38 E., NMPL  
All Sects. 11 and 14

- (c) Creation of White Ranch-Siluro-Devonian  
Pool in Chaves County, described as:

Township 11 S., Range 29 E., NMPL  
All Sects. 27, 28, 33 and 34

- (d) Extension of West Dollarhide-Drinkard  
Pool boundary to include all Section 30  
in Township 24 S., Range 38 E., (Lea County).
- (e) Extension of West Dollarhide-Queen Pool  
boundary to include N/2 Section 32 in  
Township 24 S., Range 38 E., (Lea County).
- (f) Extension of East Lovington-Pennsylvanian  
Pool boundary to include all Section 19 in  
Township 16 S., Range 37 E., (Lea County).
- (g) Extension of Moore-Devonian Pool boundary  
to include S/2 Sect. 14 in Township 11 S.,  
Range 32 E., (Lea County).

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

**CASE 539: (continued)**

(h) Extension of Saunders Pool boundary to include SW 1/4 Section 4 in Township 15 S, Range 33 E, (Lea County).

(i) Changing of following pool names:

West Dollarhide to Dollarhide-Kellenburger;  
West Dollarhide-Devonian to Dollarhide-Devonian;  
West Dollarhide-Drinkard to Dollarhide-Drinkard;  
West Dollarhide-Fusselman to Dollarhide-Fusselman;  
West Dollarhide-Queen to Dollarhide-Queen.

**TRANSCRIPT OF HEARING**

May 19, 1953

Date

**BEFORE: Honorable Ed. L. Mechem, Governor  
Honorable E. S. Walker, Land Commissioner  
Honorable R. R. Spurrier, Director, OCU**

**STATE OF NEW MEXICO )**

**ss**

**COUNTY OF BERNALILLO)**

I HEREBY CERTIFY That the within transcript of proceedings before the Oil Conservation Commission is a true record of the same to the best of my knowledge, skill, and ability.

DONE at Albuquerque, N. M., this 29th day of May 1953.

My Comm. Ex.:  
August 4, 1956

E. E. Greeson  
E. E. Greeson  
Notary - Reporter

(Mr. Graham reads the call of the case in  
Case No. 539.)

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S. J. STANLEY,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. WHITE:

Q Will you please state your full name and position?

A Stanley, S. J., oil and gas engineer of the Oil Conservation Commission.

Q Mr. Stanley, in your capacity as engineer of the Oil Conservation Commission, have you had occasion to study the creations and extensions as advertised in Case No. 539, together with the change of certain pool names?

A I have.

Q Will you give a report of your studies to the Commission?

A I recommend all creations and extensions and change of pool names be made as advertised.

For the record, I wish to read and enter the top of the perforations of new pool creations.

In the Anderson Ranch-Devonian Pool, the discov-

ery well, Continental Oil Company Anderson Ranch Unit No. 1, Unit G, in Section 11, Township 16 S, Range 32 E, top of the perforations 13,374 feet.

And in the Bronco-Siluro-Devonian Pool, the discovery well, Amerada Petroleum Corporation H. D. Shank No. 1, Unit A, in Section 14, Township 13 S, Range 38 E, top of the perforations 11,700 feet.

2b

And in the White Ranch-Siluro-Devonian Pool, the discovery well, Republic Natural Gas Company, White Ranch No. 1, Unit E, Section 34, Township 11 S, Range 29 E, top of the perforations 8,719 feet.

And for the record I wish to submit plats in evidence of the creations and extensions.

MR. WHITE: I think that is all I have. Any further questions? If not, we recommend that the order be issued.

(Off the record.)

COMMISSIONER SPURRIER: The Commission agree that the order be issued without objection.

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