

CASE 1639: SOUTHEAST NEW MEXICO
NOMENCLATURE

Case No.

1639

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

IN THE MATTER OF:

Case No. 1639

TRANSCRIPT OF HEARING

APRIL 16, 1959

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

BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

IN THE MATTER OF:

Case 1639 Southeastern New Mexico nomenclature case
calling for an order creating new pools
and extending existing pools in Lea and
Eddy Counties, New Mexico:

- (a) Create a new oil pool for Tansil
production, designated as the
Custer-Tansil Oil Pool, and
described as:

TOWNSHIP 25 SOUTH, RANGE 36 EAST NMPM
Section 7: NW/4

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

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NE/4

- (c) Create a new oil pool for Delaware
production, designated as the Querecho
Plains-Delaware Oil Pool, and
described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

- (d) Create a new oil pool for Abo production,
designated as the West Warren-Abo Oil
Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SE/4

- (e) Create a new oil pool for Connell pro-
duction, designated as the Warren-Connell
Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SE/4

- (f) Extend the Atoka Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

- (g) Extend the Bishop Canyon-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

- (h) Extend the Crosby-Devonian Gas Pool to include:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

- (i) Extend the Culwin Pool to include:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

- (j) Extend the Drinkard Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

- (k) Extend the Eumont Gas Pool to include:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

- (l) Extent the Justis Gas Pool to include:

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

- (m) Extend the Langlie-Mattix Pool to include:

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

- (n) Extend the Wilsom Pool to include:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 19: E/2
Section 20: SW/4

Hobbs Auditorium
Hobbs, New Mexico
April 16, 1959

BEFORE:

A. L. Porter, Jr.
Murray Morgan
E. S. Walker

TRANSCRIPT OF HEARING

MR. PORTER: The next case to be considered will be
Case 1639.

MR. PAYNE: Case 1639, "Southeastern New Mexico nomenclature
case calling for an order creating new pools and extending existing
pools in Lea and Eddy Counties, New Mexico."

JOHN W. RUNYAN

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

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A John W. Runyan, geologist for the Oil Conservation
Commission.

Q Are you the same John W. Runyan that was sworn and
testified in the case just presented?

A Yes, sir.

Q Mr. Runyan, in your official capacity with the Oil
Conservation Commission, have you had an opportunity to make a
study concerning the necessity or desirability for creating new

pools and extending existing pools in Lea and Eddy Counties,
New Mexico?

A Yes, sir.

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

A I recommend a new pool be created and called the
Custer-Tansil Oil Pool, and this is due to the discovery of the
John H. Trigg-Pan American Federal Kelly Number 1 located in
Unit C, Section 7, Township 25 South, Range 36 East, completed
in the Tansil dolomite January 2nd, 1959; top of the perforations
is 3,508 feet, and I recommend that the vertical limits of this
pool be the Tansil formation and the horizontal limits, the
Northwest quarter of Section 7, Township 25, Range 36.

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

A I recommend that a new pool be created and called the
East Hightower-Pennsylvanian Oil Pool, and this is due to the
discovery of the Santiago Oil and Gas Company State Number 1
located in Unit B of Section 30, Township 12, Range 34 East,
completed in the Upper Pennsylvanian February 12th, 1959; top of
the perforations is 10,218 feet. I recommend that the vertical
limits of this pool be the Pennsylvanian Formation and the
horizontal limits be the Northeast quarter of Section 30.

Q Township 12 South, Range 34 East?

A Yes, sir.

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

A I recommend a new pool be created called the Querecho Plains-Delaware Oil Pool, and this is due to the discovery of the Harvey Yates-Sweeney Federal Number 1 located in Unit C of Section 25, 18, 30--Range 32 completed in the Brushy Canyon, member of the Delaware Mountain group, in February 26th, 1959; top of the perforations is 6,860 feet, and I recommend that the vertical limits of this pool be the Delaware Formation and the horizontal limits be the Northwest quarter of Section 25, Township 18 South, Range 32 East.

Q What are your recommendations concerning the creation of a new oil pool for Abo production?

A I recommend a new pool be created and called the Warren-Abo Oil --

Q Pardon me, Mr. Runyan, did you mean the Warren or West Warren?

A West Warren-Abo, and this is due to the discovery of the Amerada Petroleum Corporation-Fred Turner, Junior, Number 1 Well located in Unit M of Section 17, Township 20 South, Range 38 East, and completed in the Abo on December 14th, 1958. Top of the perforations is 7,362 feet, and I recommend that the vertical limits of this pool be the Abo Formation and the horizontal limits the Southwest quarter of Section 17, Township 28, Range 38 East.

Q What are your recommendations concerning the creation of a new oil pool for Connell production?

A I recommend a new pool be created and called the Warren-Connell Oil Pool, which is due to the discovery of the Amerada Petroleum Corporation-Fred Turner, Junior, Number 2 Well located in Unit L of Section 17, Township 20 South, Range 38 East, completed in the Connell formation on December 8, 1958. Top of the perforations is 9,245 feet, I recommend that the vertical limits of this pool be the Connell Formation and the horizontal limits, the Southwest quarter of Section 17, Township 28 South, Range 38 East.

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

A I recommend that the Atoka Pool be extended as shown on Exhibits Number One and Two.

Q Paragraph F of Exhibits One and Two?

A That's correct.

Q What is the reason for this recommendation?

A This is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Bishop Canyon-San Andres Pool?

A I recommend that this pool be extended as shown in Sections G of Exhibits One and Two, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Crosby-Devonian Gas Pool?

A I recommend that the Crosby-Devonian Gas Pool be extended as shown in Section H of Exhibits One and Two, and this is due to one well capable of producing from this pool.

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

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections I, and this is due to one well capable of producing from this pool.

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

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections J, and this is due to one well capable of producing from this pool.

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

A I recommend that this pool be extended as shown on Exhibits Number One and Two on Sections K, and this is due to two wells capable of producing from this pool.

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

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections L, and this is due to one well capable of producing from this pool.

Q What are your recommendations concerning the extension of the Langlie-Mattix Pool?

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections M, and this is due to three wells capable of producing from this pool.

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

A I recommend that this pool be extended as shown on Exhibits One and Two, Sections N, and this is due to two wells capable of producing from this pool.

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

A Yes sir, I have.

(Thereupon, the documents were marked as Exhibits Number One and Two for identification.)

MR. PAYNE: Mr. Commissioner, I move the introduction of Exhibits One and Two in Case 1639.

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


MR. PAYNE: That concluded our case.

MR. PORTER: If there are no questions in the case, we'll take it under advisement.

STATE OF NEW MEXICO)
: ss
COUNTY OF BERNALILLO)

I, JERRY MARTINEZ, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing were reported by me in Stenotype, and that the same was reduced to typewritten transcript by me and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 16th day of May, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


Notary Public

My Commission Expires:

January 24, 1962

CAS. NO. 1639: (c) CREATION OF A NEW OIL PCC

County IDA Pool CUST A-TANCOIL

TOWNSHIP - 25 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

Discovery Well: John H. Trigg - Pan American Federal Kelly #1-7 in Unit C
of Sec. 7-25-36. Completed in Tansil Dolomite Jan. 2, 1959.
Top of Perforations 3508'.

Purpose: One completed well capable of producing.

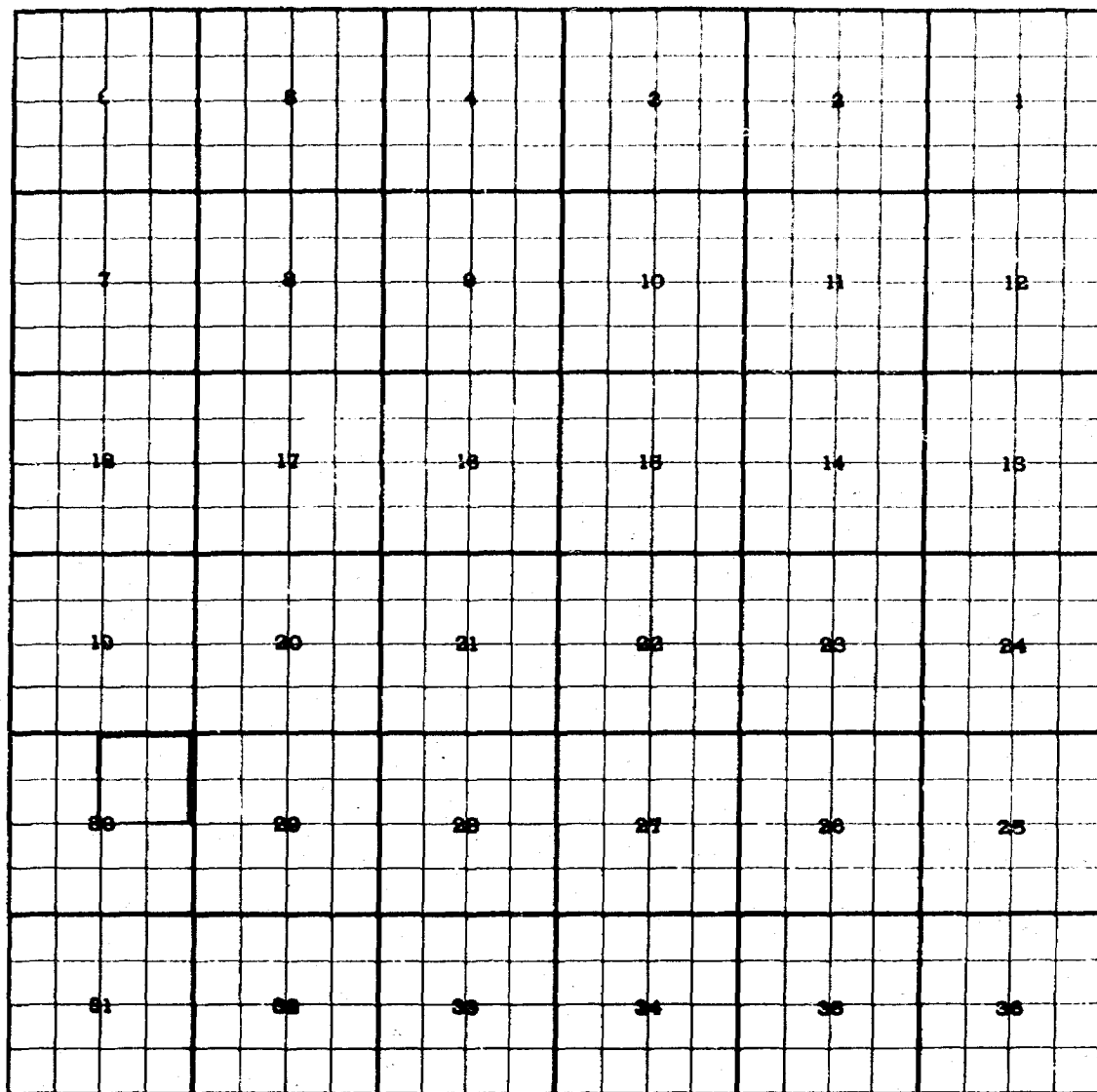
Pool boundary colored in red: Section 7: NW/4

Exhibit #2

CASE 1672: SECTION OF A NEW OIL POOL (1)

County _____ Pool PART HIGHWAY-PENNSYLVANIAN

TOWNSHIP 12 South, RANGE 21 East, NEW MEXICO PRINCIPAL MERIDIAN



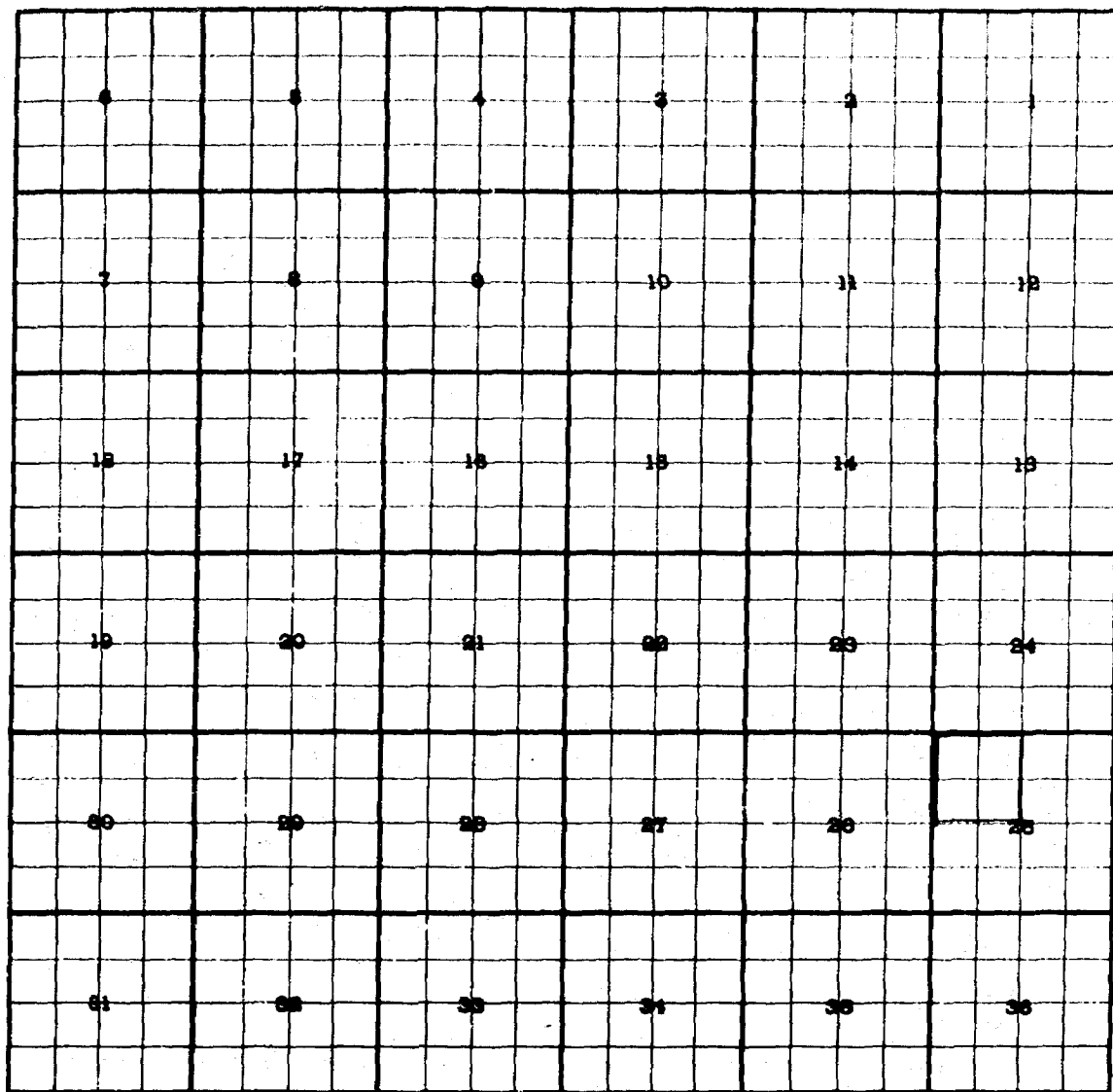
Discovery Well: Santiago Oil & Gas Company - State #1-30 in Unit B of
Section 30-12-34. Completed in Upper Pennsylvanian Feb. 12, 1959.
Top of Perforations 10,218'.

Purpose: One completed well capable of producing.

Pool boundary colored in red: Section 30: NE 1/4

County Lea Pool Lea

TOWNSHIP 19 South, RANGE 22 East, NEW MEXICO PRINCIPAL MERIDIAN



Discovery Well: Harvey L. Yates - Sweeney Federal #1 in Unit C of
Section 25-18-22. Completed in Brushy Canyon (member of Delaware Mtn. Group)
on Feb. 26, 1952. Top of perforations 6860'.

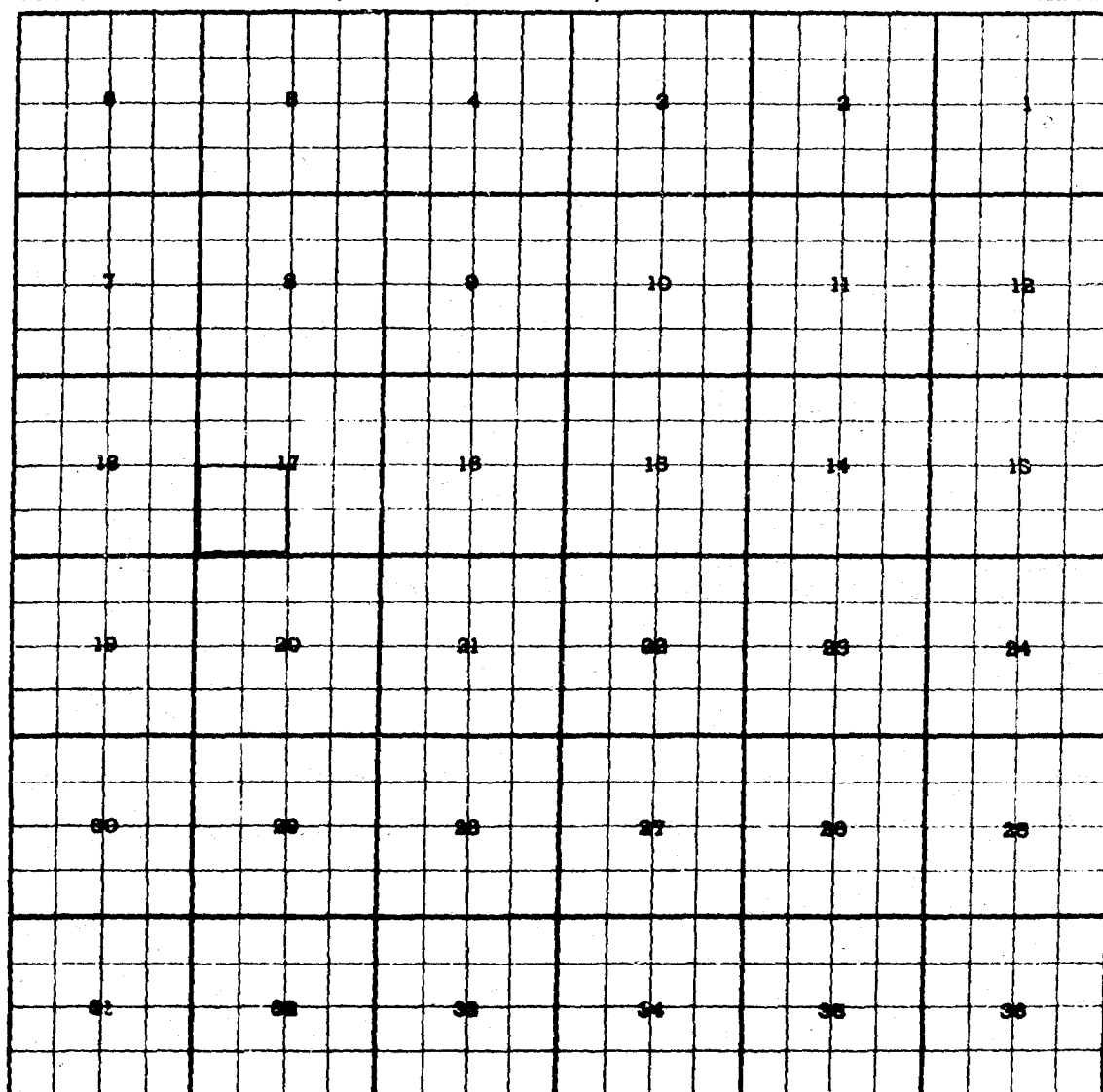
Purpose: One completed well capable of producing.

Pool boundary colored in red. Section 25: NW/4

CASE 1622: (4) LOCATION OF A. B. C. POOL.

County WMA Pool WEST TANK-W-ABC

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



Discovery Well: Amerada Petroleum Corporation - Fred Turner, Jr. #1

in Unit M of Section 17-20-38. Completed in Abo on Dec. 14, 1958.

Top of perforations 7362'.

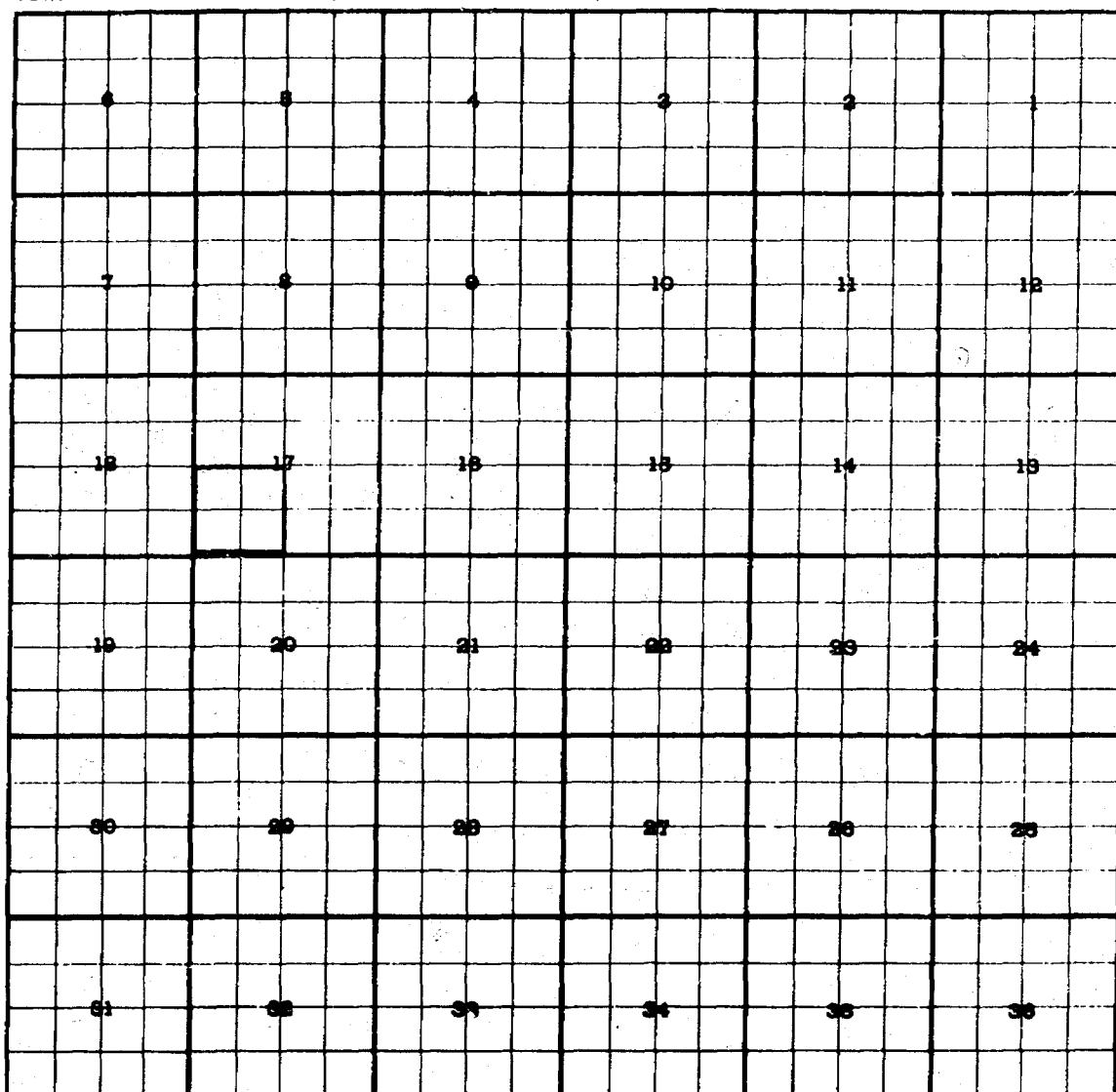
Purpose: One well capable of producing.

Pool boundary colored in red: Section 17: SW/4

CASE 1639: (e) CREATION OF A NEW OIL POOL.

County INDA Pool WARRIN-CONNELL

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



Discovery Well: Amerada Petroleum Corporation - Fred Turner Jr. #2
in Unit L of Section 17-20-38. Completed in Connell on Dec. 8, 1958.
Top of perforations 9245'.

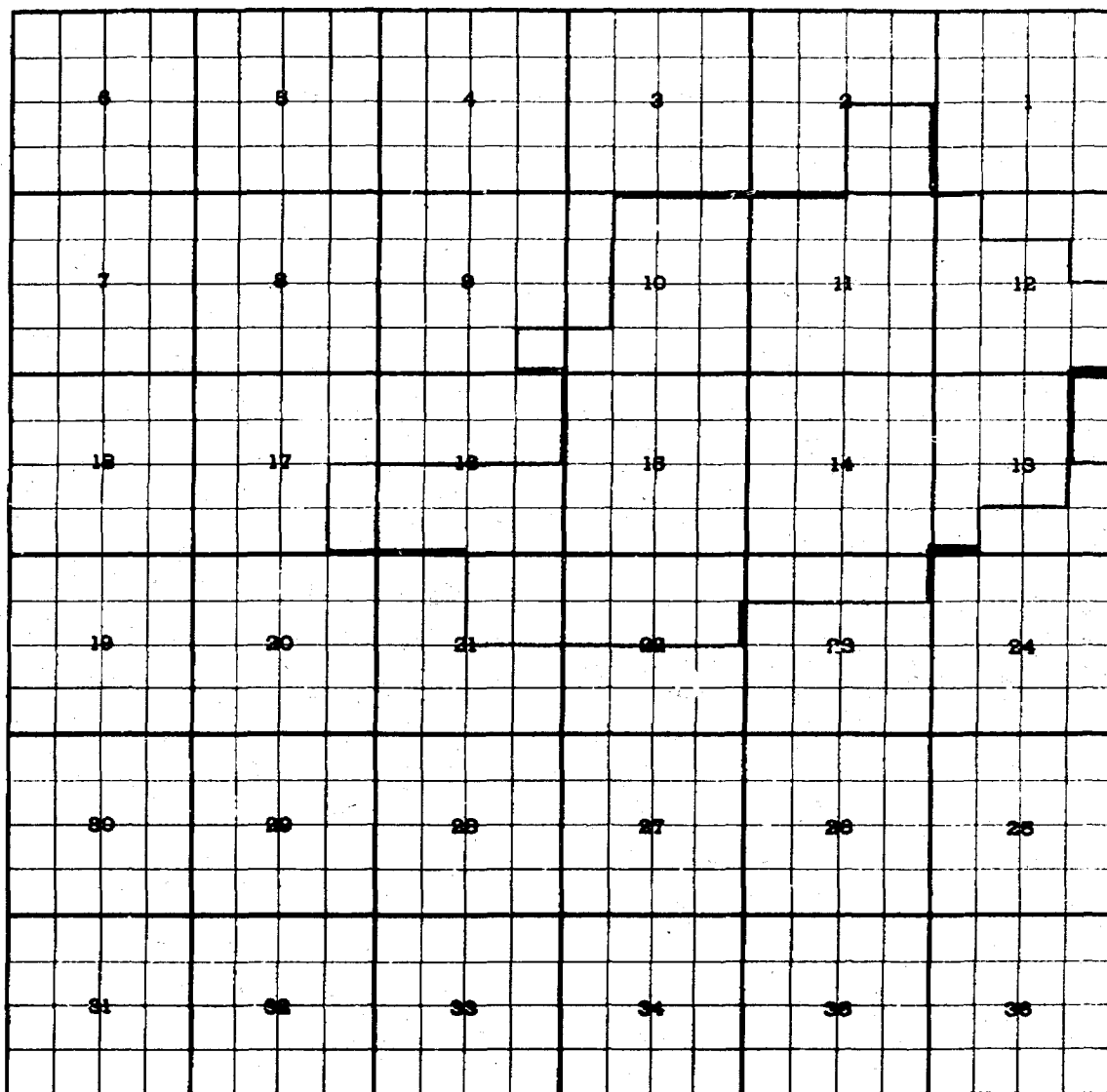
Purpose: One completed well capable of producing.

Pool boundary colored in red: Section 17: SW/4

STATE 1632: (C) EXTENSION OF AN OIL WELL POOL

County DOY Pool DOY

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



Purpose: One completed oil well capable of producing.

Standard Oil Co. of Texas - M. L. Higgins #1-1 in Unit A of
Section 13. Completed in San Andres on Feb. 6, 1959.

Top of perforations 1601'.

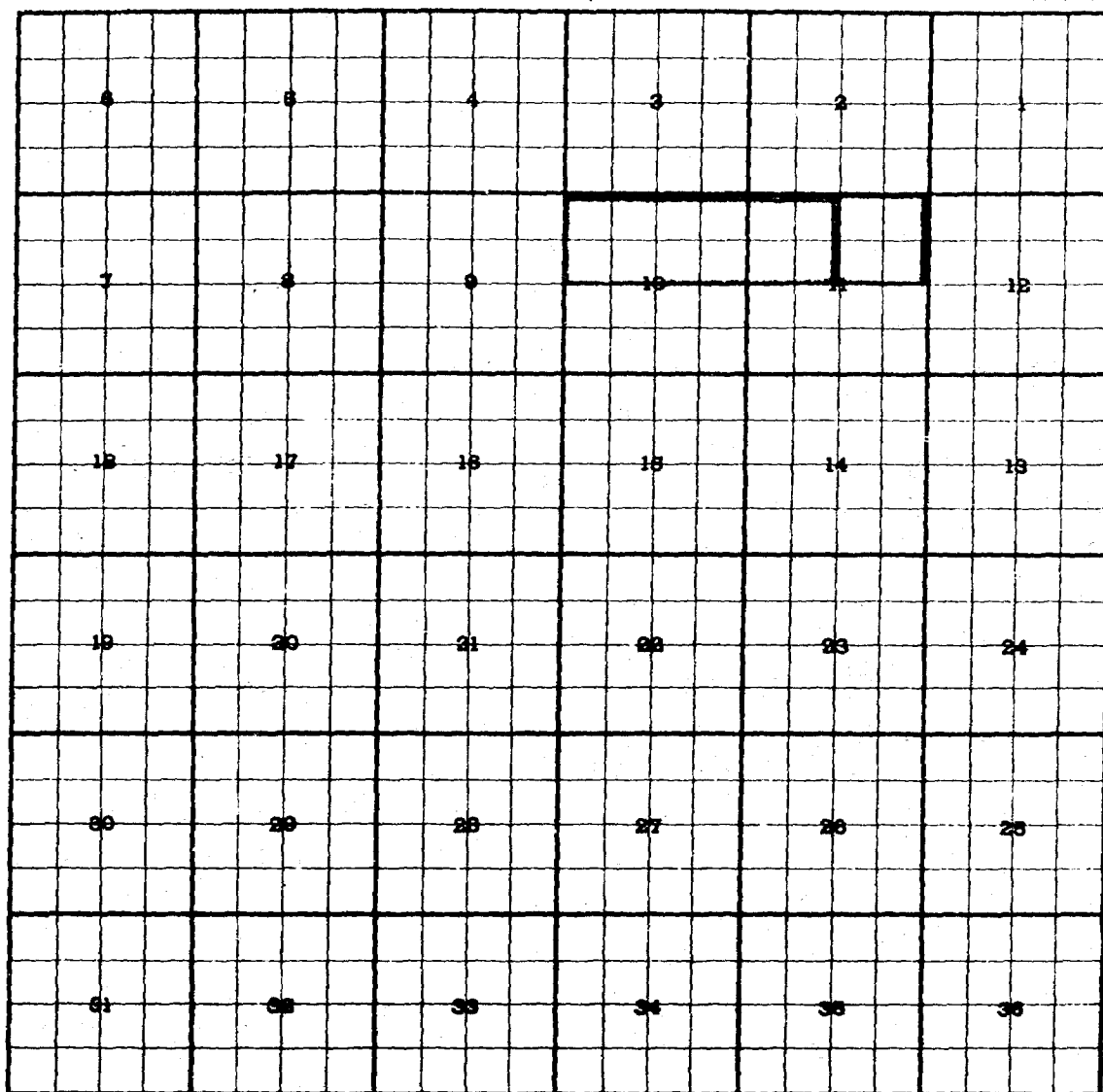
Pool boundary colored in red.

Proposed extension colored in green. Section 13: E/2 NE/4

Oil 1639: (A) ATCHAFALAYA RIVER DISTRICT

County San Juan Pool BISHOP CANYON-1AN MON 11

TOWNSHIP 10 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed well capable of producing.

Bishop Canyon Uranium Corporation - C. M. Griffin #1 in Unit E
of Section 10-18-38. Completed in San Andres on Feb. 20, 1959.
Top of perforations 4800'.

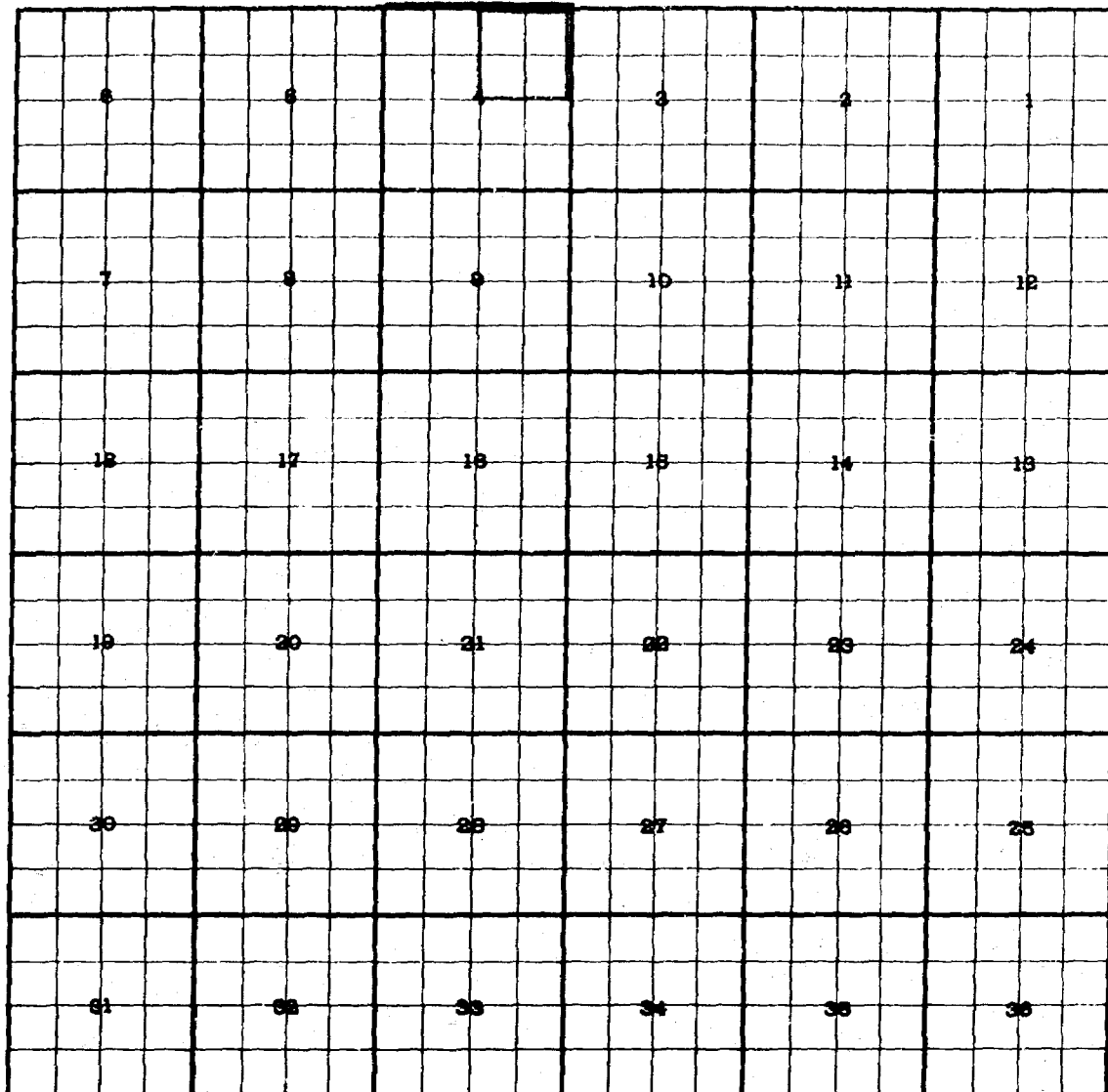
Pool boundary colored in red.

Proposed extension colored in green. Section 10: N/2
Section 11: NW/4

WAS 1637: (1) TOWN OF ALABAMA

County WAS Pool WAS-DEVONIAN GAS

TOWNSHIP 26 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed gas well capable of producing.

Pan American Petroleum Corporation - C. M. Farnsworth "C" #6

in Unit A of Section 4-26-37. Completed in Devonian Dec. 16, 1958.

Top of perforations 3490'.

This extension is contiguous to Township 25 S, Range 37 E, in which the existing pool includes Sections 28, 33, E/2 of 29, SE/4 of 20, and the NE/4 of 32.

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

Pool **3022K**

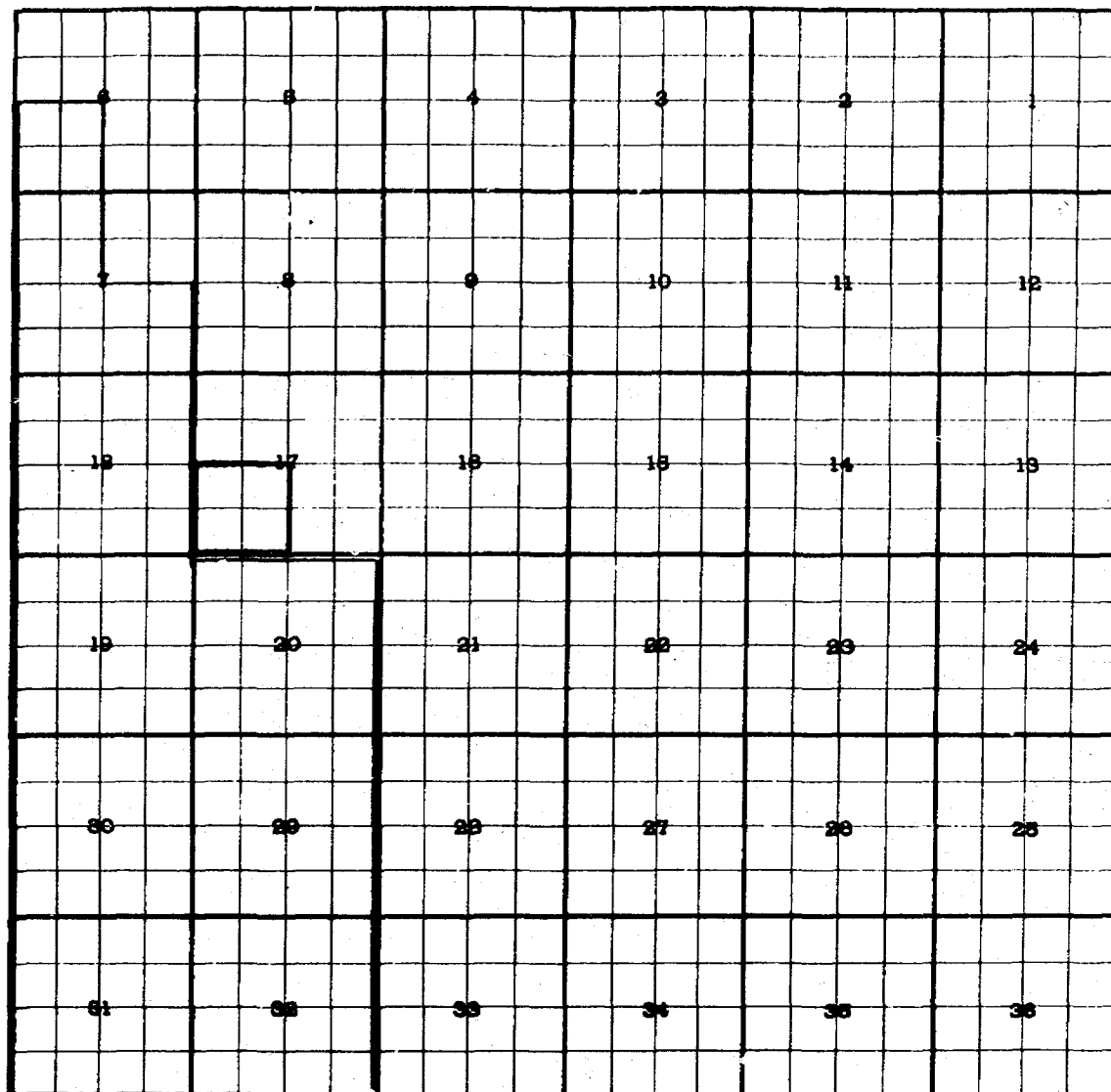
Purpose: One completed oil well capable of producing.
Joseph I O'Neill, Jr. - Federal 5.71 in Unit A of
Section 1, Township 19 South, Range 30 East.
Completed Jan. 18, 1959 in Queen. Top of perforations 3092'.

Proposed extension colored in green. Section 1: NE/4

DATE 1/29/80: (U) INFORMATION IS UNCLASSIFIED.

County Los Angeles Pool WATKINS

TOWNSHIP - 22 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: One completed oil well capable of producing.

The Texas Company - Dollie Ballenger #1 in Unit M of

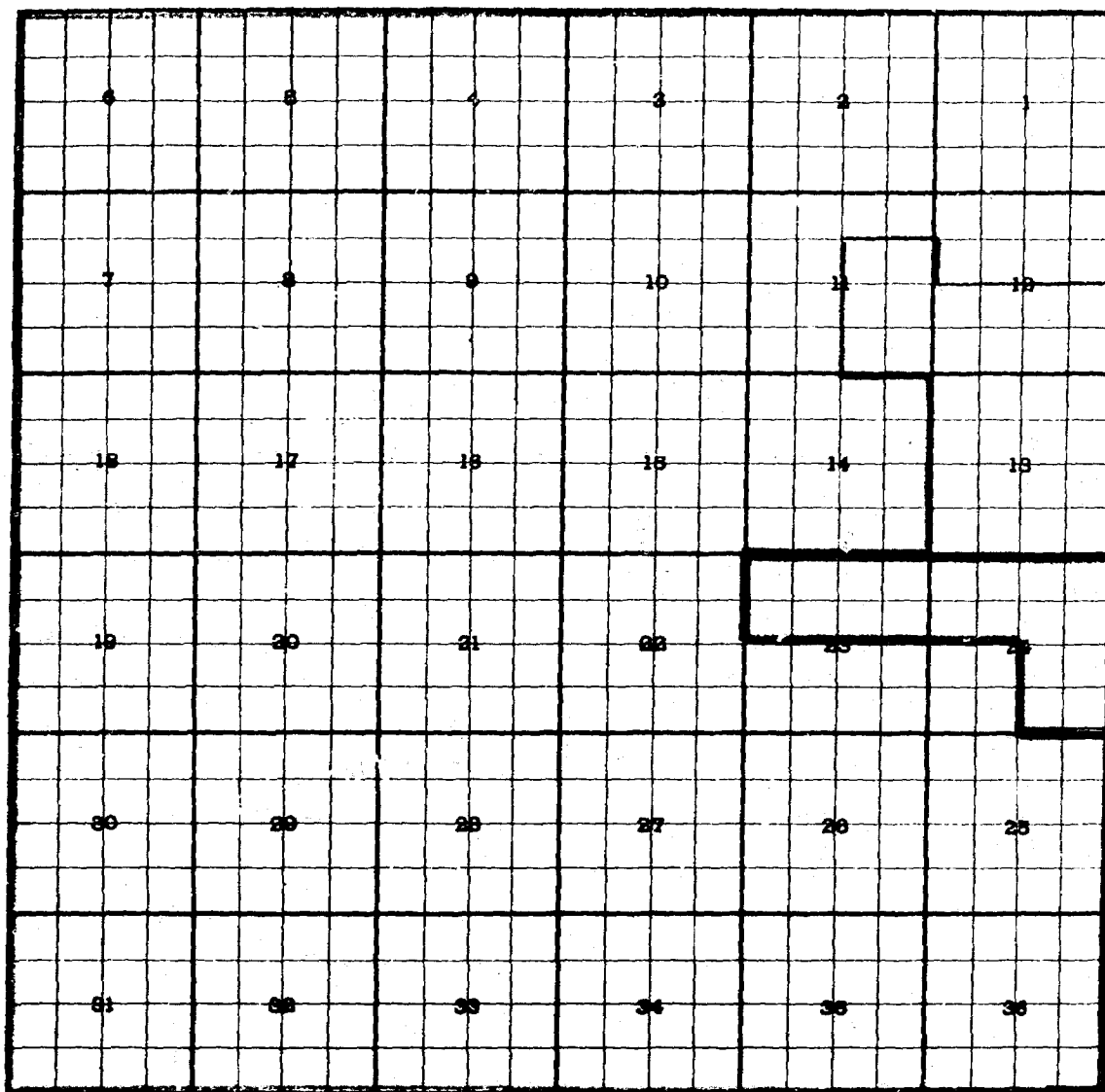
Section 17-22-38. Completed in Drinkard on Feb. 25, 1959.

Top of perforations 6252'.

Pool boundary colored in red.

Proposed extension colored in green. Section 17: 30/1.

County Franklin Pool 30.72 (30)

TOWNSHIP 20 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

Continental Oil Company- SEEN-Bumont #67 in Unit K of Sec. 24-20-37.

Continental Oil Company- SEMU-Bumont #68 in Unit J of Sec. 23-20-37.

Completed in Queen on Oct. 11, 1958. Top of perforations 3112'.

Pool boundary colored in red.

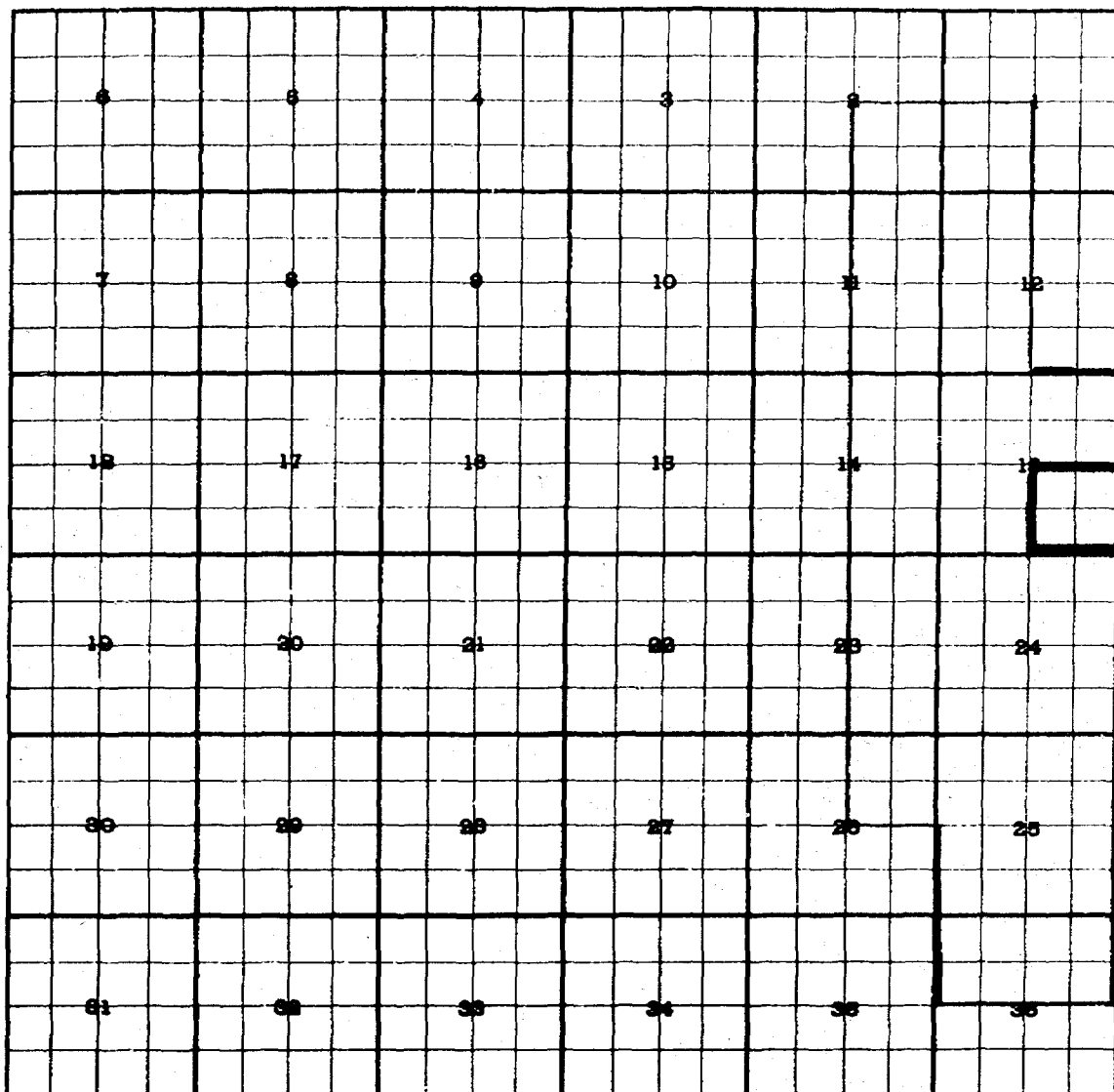
Proposed extensions colored in green. Section 23: 11/2

Section 24: SE/4 & N/2

CASE 1639: (1) EXTENSION OF AN OIL AND GAS POOL.

County BLA Pool JUSTIS GAS

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



Purpose: One completed gas well capable of producing.

Gulf Oil Corporation - Learcy McBuffington #3 in Unit O of
Section 13-25-37. Completed in Glorieta on April 28, 1958.

Top of perforations 4732'.

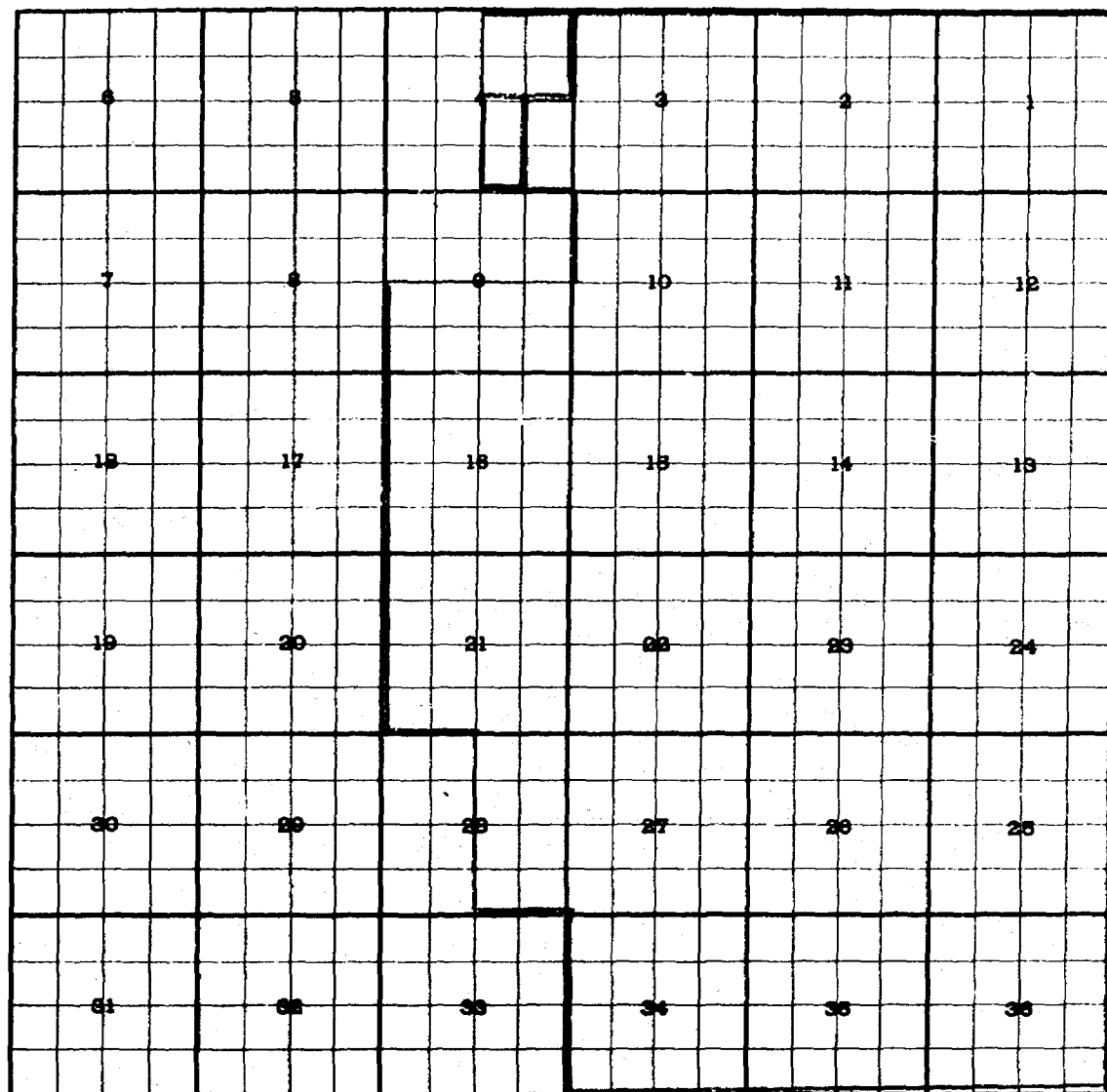
Pool boundary colored in red.

Proposed extension colored in green. Section 13: SE/4

CASE 1639; (b) APPEAL OF AN ARRESTING CIT. PROC.

County DADE Pool CONCRETE-PARTIAL

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



Purpose: Three completed oil wells capable of producing.

Texas Pacific Coal & Oil Company - State "A" ac/1 #44 in Unit B
of Sec. 4-23-36. Completed in Queen on Feb. 8, 1959.
Top of perforations 3700'.

Texas Pacific Coal & Oil Company - State "A" ac/1 #145 in Unit H
of Sec. 4-23-36. Completed in Queen on Feb. 20, 1959
Top of perforations 3706'.

ADDITION: Gulf Oil Corporation - J.F. Janda (NCT-J) #3 in Unit O of Sec. 4-23-36. Completed in Queen on Feb. 1, 1959. Top of perforations 3542'.

Pool boundary colored in red.

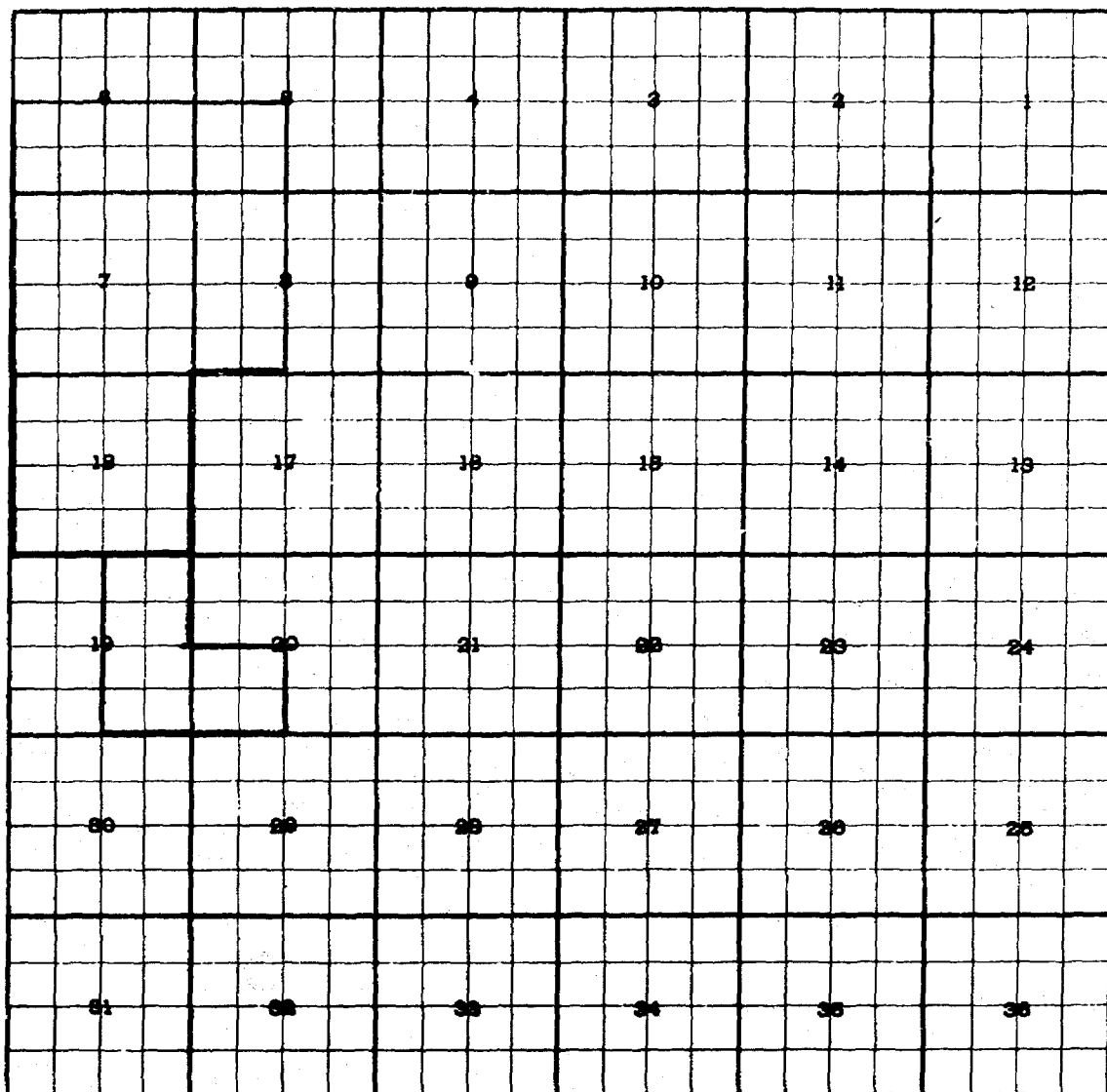
Proposed extensions colored in green. Section 4: NE/4

ADDITION: Section 4: W/2 SE/4

CASE 1639: (n) EXTENSION OF AN OIL FIELD.

County IDA Pool WILSON

TOWNSHIP 21 South, RANGE 25 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Two completed oil wells capable of producing.

Wilson Oil Company - State Nineteen #1 in Unit A of Sec. 19-21-35.

Completed in Yates on Sept. 20, 1958. Top of perforations 3788'.

Wilson Oil Company - State C #1 in Unit K of Sec. 20-21-35.

Completed in Yates on March 6, 1959. Top of perforations 3728'.

Pool boundary colored in red.

Proposed extension colored in green. Section 19: E/2

Section 20: SW/4

LEGISLATIVE ADVERTISEMENT FOR APRIL 1959

CASE NO. 1637

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation and extension of existing pools in Lea 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 Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the Crosby-Devonian Oil Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 21: SW/4

and such other, et cetera.

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

TOWNSHIP 25 SOUTH, RANGE 36 EAST, NMPM
Section 7: NW/4

and such other, et cetera.

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

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NE/4

and such other, et cetera.

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

and such other, et cetera.

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

(g) Extend the Atoka Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

and such other, et cetera.

(h) Extend the Bishop Canyon-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

and such other, et cetera.

(i) Extend the Crosby-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

and such other, et cetera.

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

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

and such other, et cetera.

(k) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

(l) Extend the Zumont Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

and such other, et cetera.

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

✓ (g) Extend the Atoka Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

and such other, et cetera.

(h) Extend the Bishop Canyon-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

and such other, et cetera.

(i) Extend the Crosby-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

and such other, et cetera.

✓ (j) Extend the Culwin Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

and such other, et cetera.

(k) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

and such other, et cetera.

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPL
Section 13: SE/4

and such other, et cetera.

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

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPL
Section 4: NE/4

and such other, et cetera.

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

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPL
Section 19: E/2
Section 20: SW/4

CASE NO. 427

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation and extension of existing pools in Lea 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 Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the Crosby-Devonian Oil Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 21: SW/4

and such other, et cetera.

(b) Create a new pool in Lea County, New Mexico, ^{oil}classified as an oil pool for Tensill production, designated as the Custer-Tensill Oil Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 36 EAST, NMPM
Section 71: NW/4

and such other, et cetera.

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

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NE/4

and such other, et cetera.

(d) Create a new pool in Lea County, New Mexico, ^{oil}classified as an oil pool for Delaware production, designated as the Querecho Plains-Delaware Oil Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

and such other, et cetera.

(e) Create a new pool in Lea County, New Mexico, ^{oil}classified as an oil pool for Abo production, designated as the West Warren-Abo Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

- (f) Create a new pool in ~~Lee County, New Mexico~~, classified as an oil pool for Connell production, designated as the Warren-Connell Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 17: SE/4

and such other, et cetera.

- (g) Extend the Atoka Pool in ~~Eddy County, New Mexico~~, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

and such other, et cetera.

- (h) Extend the Bishop Canyon-San Andres Pool in ~~Lee County, New Mexico~~, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

and such other, et cetera.

- (i) Extend the Crosby-Devonian Gas Pool in ~~Lee County, New Mexico~~, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

and such other, et cetera.

- (j) Extend the Culwin Pool in ~~Eddy County, New Mexico~~, to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

and such other, et cetera.

- (k) Extend the Drinkard Pool in ~~Lee County, New Mexico~~, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

and such other, et cetera.

- (l) Extend the Sumont Gas Pool in ~~Lee County, New Mexico~~, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

and such other, et cetera.

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

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

and such other, et cetera.

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

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

and such other, et cetera.

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

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 19: E/2
Section 20: SW/4

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1639
Order No. R-1372

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 April 15, 1959, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 31st day of April, 1959, 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 Tansill formation, said pool to bear the designation Custer-Tansill Pool. Said Custer-Tansill Pool was discovered by John H. Trigg, Pan American Federal Kelly Well No. 1, located in the NW/4 of Section 7, Township 25 South, Range 36 East, NMPM. It was completed January 2, 1959. The top of perforations is at 3508 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 East Hightower-Pennsylvanian Pool. Said East Hightower-Pennsylvanian Pool was discovered by Santiago Oil and Gas Company, State No. 1 Well, located in the NE/4 of Section 30, Township 12 South, Range 34 East, NMPM. It was completed February 12, 1959. The top of perforations is at 10,218 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 Delaware formation, said pool to bear the designation Querecho Plains-Delaware Pool. Said Querecho Plains-Delaware Pool was discovered by Harvey E. Yates, Sweeney Federal Well No. 1, located in the NW/4 of Section 25, Township 18 South, Range 32 East, NMPN. It was completed February 26, 1959. The top of the perforations is at 6860 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 Abo formation, said pool to bear the designation West Warren-Abo Pool. Said West Warren-Abo Pool was discovered by Amerada Petroleum Corporation, Fred Turner, Jr., Well No. 1, located in the SW/4 of Section 17, Township 20 South, Range 38 East, NMPN. It was completed December 14, 1958. The top of perforations is at 7362 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Connell formation, said pool to bear the designation Warren-Connell Pool. Said Warren-Connell Pool was discovered by Amerada Petroleum Corporation, Fred Turner, Jr., Well No. 2, located in the SW/4 of Section 17, Township 20 South, Range 38 East, NMPN. It was completed December 8, 1958. The top of perforations is at 9245 feet.

(7) That there is need for certain extensions to the Bishop Canyon-San Andres Pool, the Crosby-Devonian Gas Pool, the Drinkard Pool, the Eumont Gas Pool, the Justis Gas Pool, the Langlie-Mattix Pool, and the Wilson Pool, all in Lea County, New Mexico; and to the Atoka Pool and the Culwin Pool, both in Eddy County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 25 SOUTH, RANGE 36 EAST, NMPN
Section 7: NW/4

(b) 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 East Hightower-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPN
Section 30: NE/4

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

-3-

Case No. 1639

Order No. R-1372

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

(g) That the Bishop Canyon-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 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

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

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

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



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

MURRAY E. MORGAN, Member

JOHN BURROUGHS, Chairman

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

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

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

IT IS FURTHER ORDERED:

Section 20: SW/4

Section 19: E/2

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPN

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

Section 1: NE/4 & W/2 SE/4

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPN

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

Section 13: SE/4

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPN

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

Section 24: SE/4 & N/2

Section 23: N/2

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPN

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

Section 17: SW/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPN

Case No. 1638
Order No. N-1372