

Case No.

930

Application, Transcript,
Small Exhibits, Etc.

DATE 930:

SOUTHEASTERN NEW MEXICO
· NOMENCLATURE

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO
August 17, 1955

IN THE MATTER OF:

CASE NO. 930

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES
COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 17, 1955

IN THE MATTER OF:

Southeastern New Mexico nomenclature case
calling for the following creation of a
pool:

(a) Creation of a new pool in Lea County
for production of oil from the Wolfcamp
formation, designated as the Baum-Wolfcamp
Pool and described as:

Case No. 930

TOWNSHIP 14 SOUTH, RANGE 33 EAST

Section 5: SW/4

Section 6: SE/4

Section 7: NE/4

Section 8: NW/4

BEFORE:

Honorable John F. Simms
Mr. E. S. (Johnny) Walker
Mr. William B. Macey

TRANSCRIPT OF HEARING

MR. MACEY: The next case on the docket is Case No. 930.

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

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

DIRECT EXAMINATION

By MR. GURLEY:

Q State your name to the Commission.

A Randall Montgomery.

Q What is your position?

A Geologist for the New Mexico Oil Conservation Commission.

Q Have you had an opportunity in your official capacity to

study the problem of creating a new pool in Lea County, for the production of oil from the Wolfcamp formation?

A Yes, I have.

Q What are your recommendations, and the basis thereon?

A I recommend that the creation for the Baum-Wolfcamp be created as advertised, remembering there is a possibility that it may not be producing from the Wolfcamp Formation, but possibly the Pennsylvanian. We have several other pools in this area producing from the same horizon. We are calling them Pennsylvanian Pools. Until such time as I can make a regional study, for the purpose of ease in the administration, go ahead and create the pool as a Baum-Wolfcamp with the idea it may change, at least if it did not change some of the others certainly will.

MR. GURLEY: That is all.

MR. NUTTER: In other words, you are recommending that the Baum-Wolfcamp be created as advertised.

A That is right.

MR. MACEY: Do you have the discovery well?

A It is the Chamlin Refining Company Featherstone No. 166 from the south and east of Section 6, Township 14 South, Range 33 East, completed May 2, 1955, perforated from 9939 to 9949.

MR. MACEY: Anyone else have anything further in Case 930?

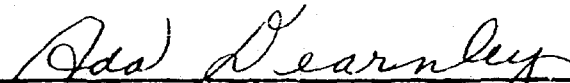
(Witness excused.)

MR. MACEY: If nothing further we will take the case under advisement. And let the record show that the exhibit is received in evidence.

STATE OF NEW MEXICO)
 : SS.
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, 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 25th day of August, 1955.


Notary Public, Court Reporter

My Commission Expires:

June 19, 1959.

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO
July 14, 1955

IN THE MATTER OF:

CASE NO. 930

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES
COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
July 14, 1955

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for the following creations and extensions of pools:

(a) Creation of a new pool in Lea County for production of oil from the Wolfcamp formation, designated as the Baum-Wolfcamp pool and described as:

Township 14 South, Range 33 East

Section 5: SW/4
Section 6: SE/4
Section 7: NE/4
Section 8: NW/4

(b) Creation of a new pool in Lea County, New Mexico, for production of oil from the Devonian formation, designated as the SRR-Devonian Pool and described as:

Case 930

Township 9 South, Range 32 East

Section 14: SW/4
Section 15: SE/4
Section 22: NE/4
Section 23: NW/4

(c) Extension of the Artesia Pool in Eddy County, New Mexico, to include:

Township 18 South, Range 28 East

Section 26: NW/4

(d) Extension of the Loco Hills Pool in Eddy County, New Mexico, to include:

Township 18 South, Range 29 East

Section 20: NE/4

(e) Extension of the Crossroads-Pennsylvanian Pool in Lea County, New Mexico, to include:

Township 9 South, Range 36 East

Section 22: N/2

(f) Extension of the E-K Queen Pool in Lea County, New Mexico, to include:

Township 18 South, Range 33 East

Section 13: SW/4

Section 24: NW/4

(g) Extension of the Skaggs Pool in Lea County, New Mexico, to include:

Township 20 South, Range 38 East

Section 6: N/2

(h) Extension of the Tubb Gas Pool in Lea County, New Mexico, to include:

Township 22 South, Range 38 East

Section 29: All

Section 32: All

BEFORE:

Mr. E. S. (Johnny) Walker

Mr. William B. Macey

TRANSCRIPT OF HEARING

MR. MACEY: The next case is 930.

R. S. MONTGOMERY,

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

DIRECT EXAMINATION

By MR. KITTS:

Q Will you state your name and position, please?

A R. S. Montgomery, geologist for the New Mexico Oil Conservation Commission.

Q Mr. Montgomery, you are familiar I believe with Case 930?

A Yes, sir, I am.

Q Have you, in connection with your preparation and study of that case, prepared certain exhibits?

A Yes, sir, I have, under my direction.

Q Are they marked?

A Yes, sir, they are.

Q Do they correspond to the various paragraphs as set out in the docket here?

A Yes, sir, they do.

Q ~~You have made one recommendation, I believe, Mr. Montgomery,~~

in connection with paragraph (a), the creation of a new pool in Lea County. Will you state the basis of that recommendation?

A I recommend that paragraph (a), creation of the Baum-Wolfcamp Pool, be withdrawn until the August hearing to enable us to give it a little further study. I feel that this well is producing from the Pennsylvanian, although I have not been able to contact the Champlain Refining Company to find out why they are calling it the Wolfcamp. Perhaps they have information not available to me. I prefer to contact them and find out what information they based that, in calling it Wolfcamp, before recommending changing it to Pennsylvanian.

Q You would like to have paragraph (a) continued?

A Yes.

MR. PORTER: There is one question I would like to ask. Would the continuation of that paragraph delay the writing of the order?

MR. MACEY: No.

Q Passing to paragraph (b), the recommendation of the creation of another new pool in Lea County, the SRR-Devonian Pool, would you state the basis for that recommendation?

A The SRR-Devonian was discovered by the Amerada Petroleum State SRA No. 1 in unit 1, Township 9 South, Range 32. It was completed 5-11-55 as a Devonian producer. The top of the pay is at 11,103 feet. I recommend that the creation be made as advertised.

Q State the basis for your recommendation incorporated in paragraph (c), the extension of the Artesia Pool.

A The extension of the Artesia Pool was caused by the drilling of SP Yates Gulf State 1D, and the Gulf State 2E. They are completed

in the San Andres formation and I recommend that they be extended as advertised.

Q Passing on to paragraph (d), state the basis of your recommended extension of the Loco Hills Pool.

A The Loco Hills Pool was extended by the drilling of the Denton Oil Company Massey No. 1. It was recompleted in the Grayburg and caused the extension of the Loco Hills Pool; therefore, I recommend the extension of it as advertised.

Q Paragraph (e). You recommend an extension of the Crossroads-Pennsylvanian Pool. State the basis for that recommendation.

A This was based on the Warren Petroleum Corporation Vinson 1A, completed as a Bough producer and I recommend that the Pool be extended as advertised.

Q Paragraph (f), relating to the EK Queen Pool; state the basis for that recommendation.

A The extension as advertised or recommended is based on the Joseph O'Neill Swigart 1-K and the Texas Gulf Producing State "G" No. 1. Also an extension that is not advertised, but is contiguous, which would be the southwest quarter of Section 7, Township 18 South, Range 34 East, which is occasioned by the completion of the Sunray Oil Corporation now known as Sunray-Midcontinent, New Mexico State "G" No. 1 in unit M, Section 7, Township 18 South, Range 34 East.

Q Moving to paragraph (g) where you recommend an extension of the Skaggs, state the basis of that.

A I recommend it be extended as advertised, occasioned by Signal Oil and Gas No. Leonard No. 1F.

Q Paragraph (h), you recommend extension to the Tubb Gas Pool?

A Yes.

Q State the basis for that recommendation.

A This was occasioned by Gulf Oil Corporation Andrews No. 2G.
I recommend that it be extended as advertised.

Q Each recommended extension you make, the area recommended
is contiguous to existing Pool boundaries?

A That is correct.

MR. KITTS: I offer in evidence Exhibits B through H inclusive.

MR. MACEY: Any objection? Without objection they will be
received. Any questions of the witness? Mr. Nutter.

CROSS EXAMINATION

By MR. NUTTER:

Q Your recommendations were exactly as advertised except
paragraph (a) which was continued to August. In paragraph (f)
you added the southwest quarter of Section 7, Township 18 South,
Range 34 East?

A Yes, that is correct.

MR. MACEY: Anyone else? If nothing further, the witness
may be excused.

(Witness excused.)

MR. MACEY: We will take the case under advisement. The
hearing is adjourned.

* * * * *

STATE OF NEW MEXICO)
 : ss.
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, 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 27th day of July, 1955.


Notary Public, Court/Reporter

My Commission Expires:

June 19, 1959.

Case 930 (a) Creation of a new pool.

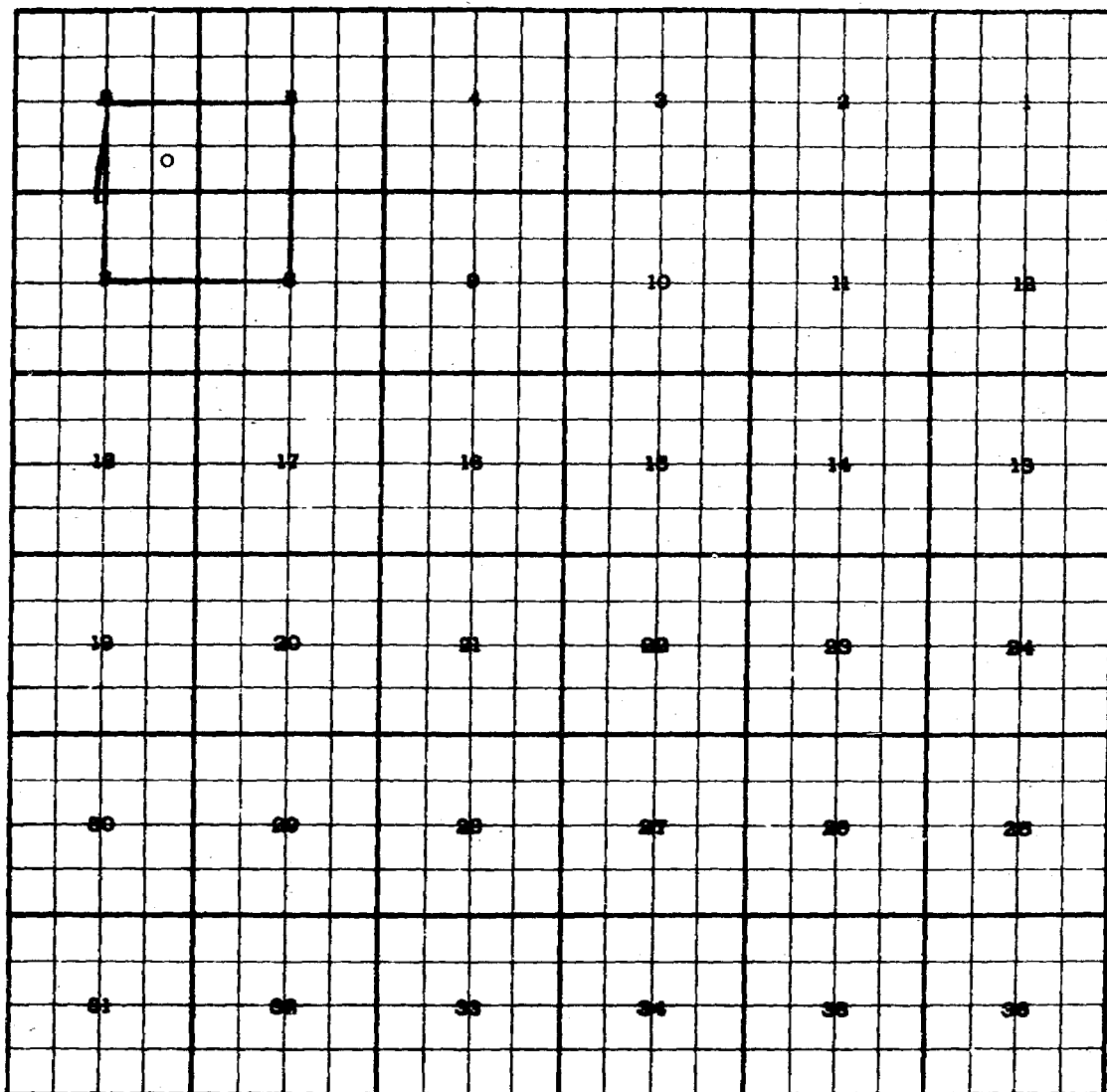
County

LEA

Pool

East-Wolfcamp

TOWNSHIP 14 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range: 9-10

Producing Formation: Wolfcamp

Purpose: To create a pool for the STAPLER RUNNING CO. Featherstone

No. 1, 660' $\frac{1}{3}$, 660' $\frac{1}{2}$, Sec 6, T14S R33E

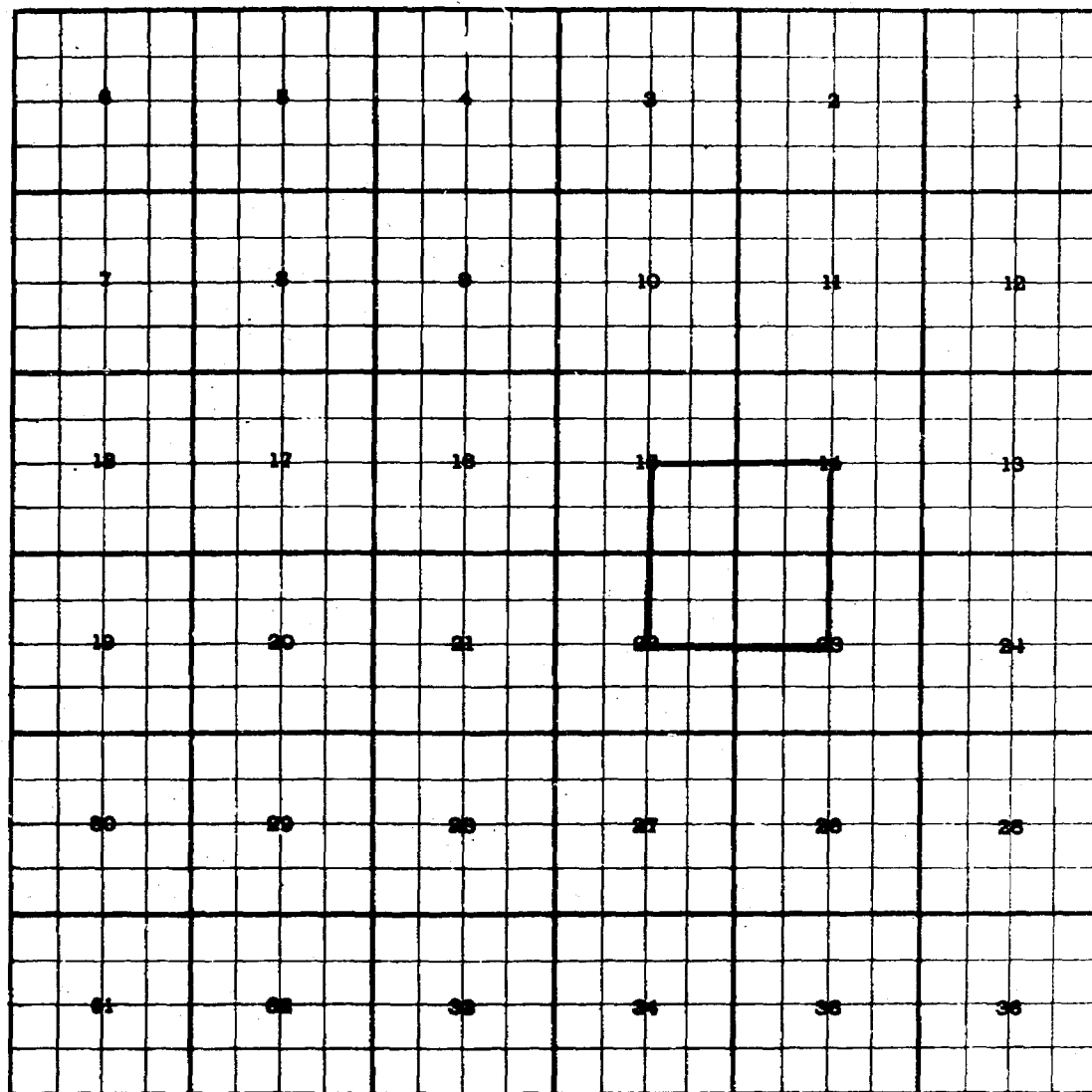
Comp. May 2, 1955

Interval of perforations 9939-9949

Case 930 (B) Creation of a new pool

County LEA Pool SRR-DEVONIAN

TOWNSHIP 9 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range: 11-12 Producing Formation: Devonian

Purpose: To create a pool for

Amerada Pet. Corp. State SR"A" #1-M in Sec. 14-9-32 comp. 5/11/55 as a

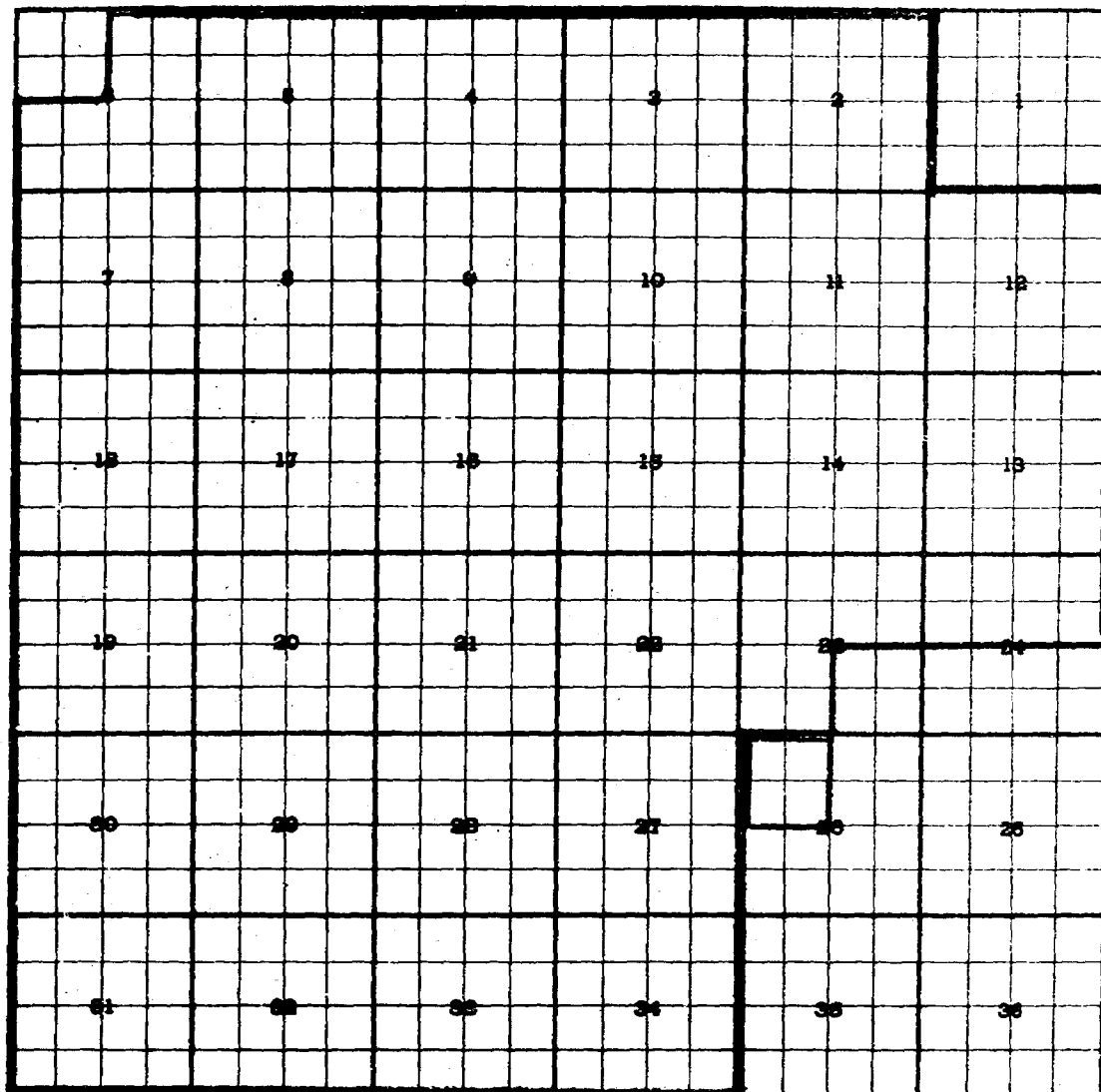
Dev. producer, t.p. 11,103

Proposed Boundary : Colored In Red-SW/4 Sec.14; SE/4 Sec. 15;NE/4 Sec.22;NW/4 Sec. 23

Case 930 (C) Extension of an existing pool

County EDDY Pool ARTESIA

TOWNSHIP 18 South, RANGE 28 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Grayburg and San Andres Depth Range : 0-5

Purpose: To extend the pool for the inclusion of

S. P. Yates Gulf State #1-D comp. 10/11/54 as San Andres producer in
Sec. 26-18-28 dcs. 2800
Gulf State #2-E comp. 4/1/55 as San Andres producer in
Sec. 26-18-28 dcs. 2863

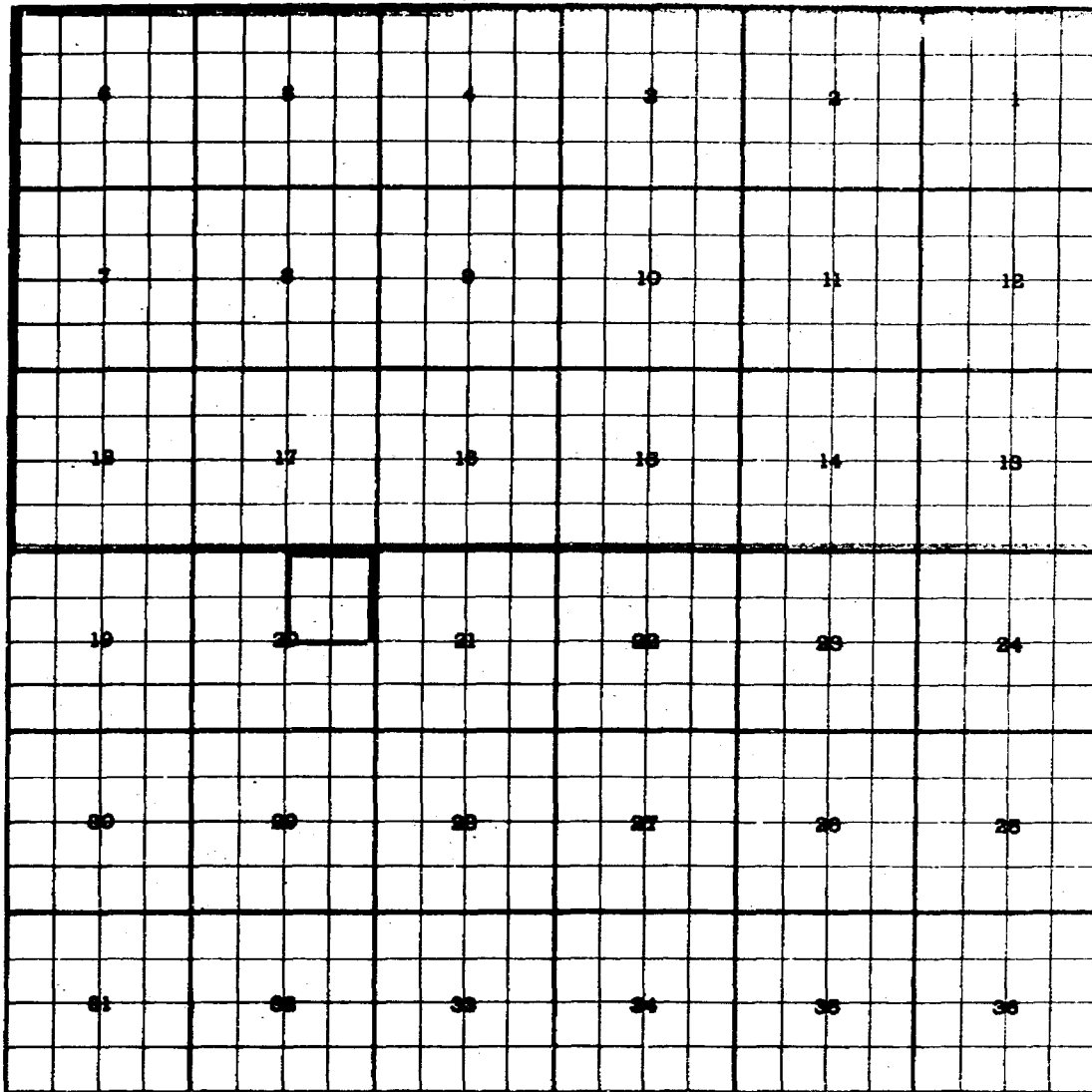
Existing Boundary: Colored in Red

Proposed Extension: Colored in Green -NW/4 of Sec. 26

Case 930: Extension of an existing pool (D)

County EDDY Pool LOCO HILLS

TOWNSHIP 18 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range: 0-5 Producing Formation: Grayburg and San Andres

Purpose: To extend the pool for the inclusion of
Denton Oil Co., Massey #1, recompleted for Grayburg producer 6/1/55
Unit B of Sec. 20-18-29 tp. 2409

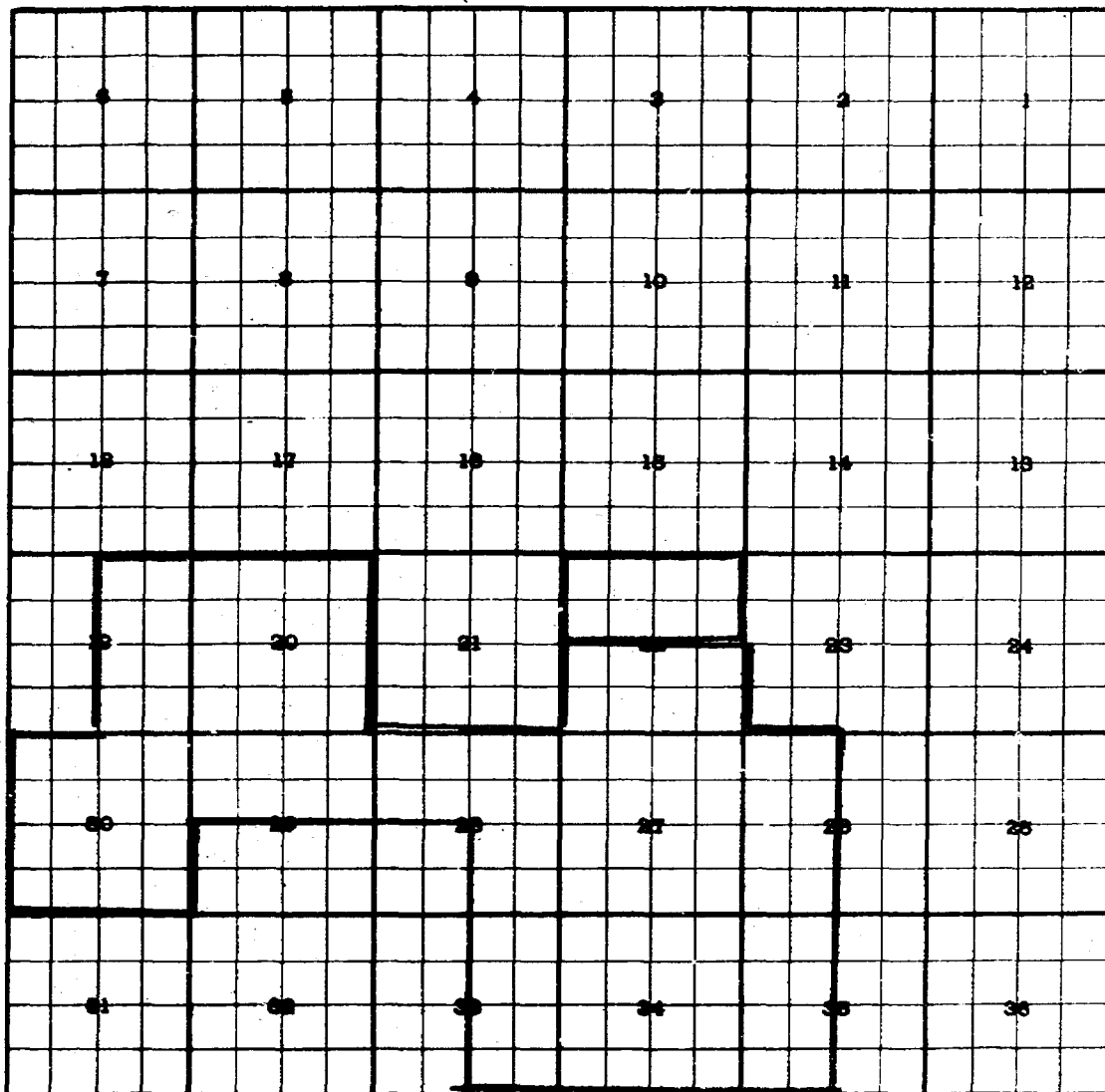
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green NE/4 Sec. 20

Case 930: (E) Extension of an existing pool

County LEA Pool CROSSROADS--PENN.

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



Depth Range : 9-10 Producing Form. Penn

Purpose: To extend the pool to include

Warren Pet. Corp. H. L. Vinson #1-A Sec. 22-9-36 comp. 5/25/55
as Bough producer dcs. 9710

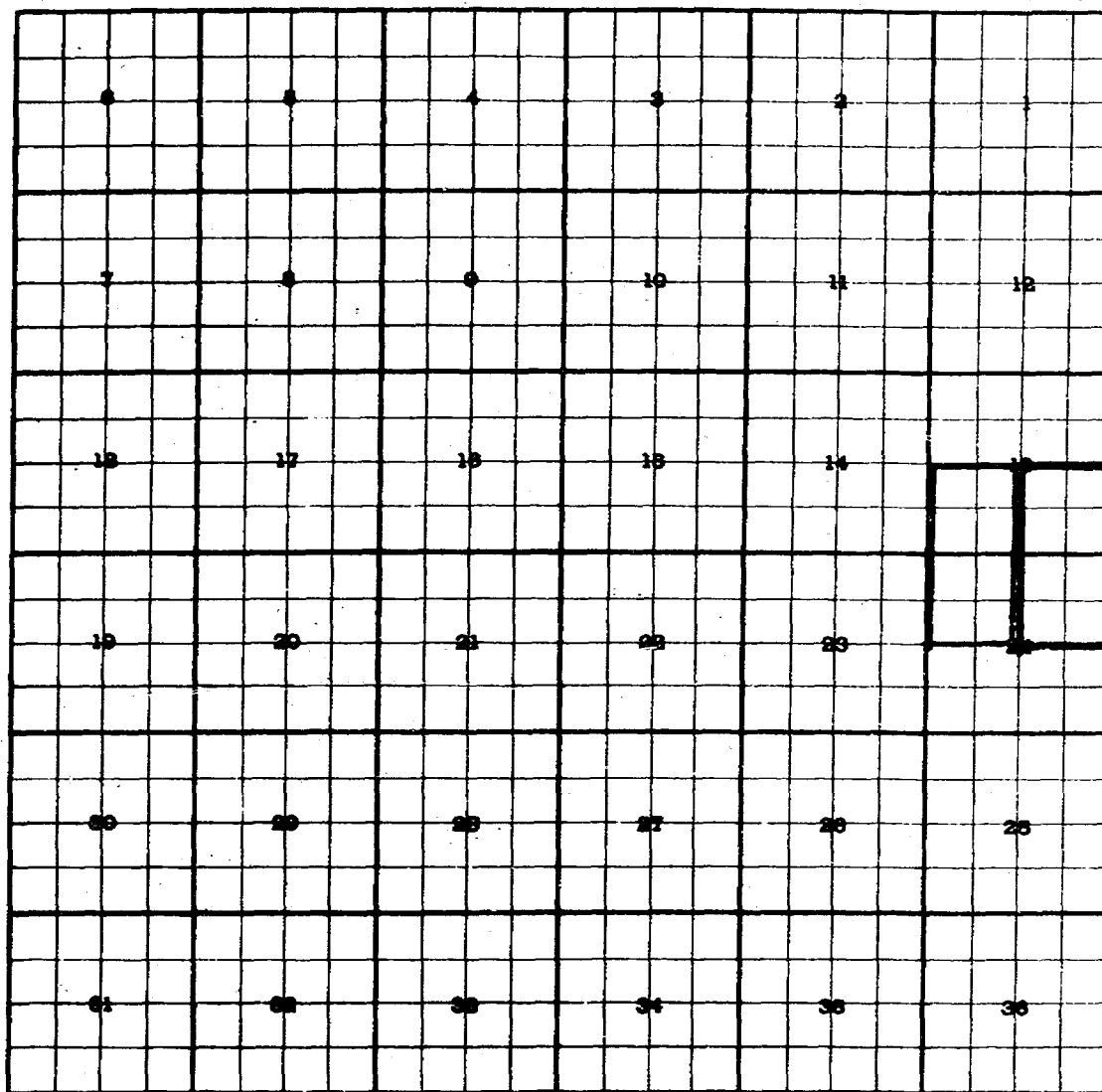
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green (N/2 Sec. 22)

Case 930: Extension of an existing pool (F) Advertised

County LEA Pool E-K QUEEN

TOWNSHIP 18 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Depth Range 0-5 Producing Formation: Queen

Purpose: To extend the pool for the inclusion of

Joseph I. O'Neill, Jr. Dorothy Swigart #1-K Sec. 13-18-33 comp. 5/28/55
Queen producer tp. 4348

Texas Gulf Producing Co. State G #1-F Sec. 24-18-33 comp. 5/31/55
Queen producer dcs. 4306

Existing Boundary : Colored in Red

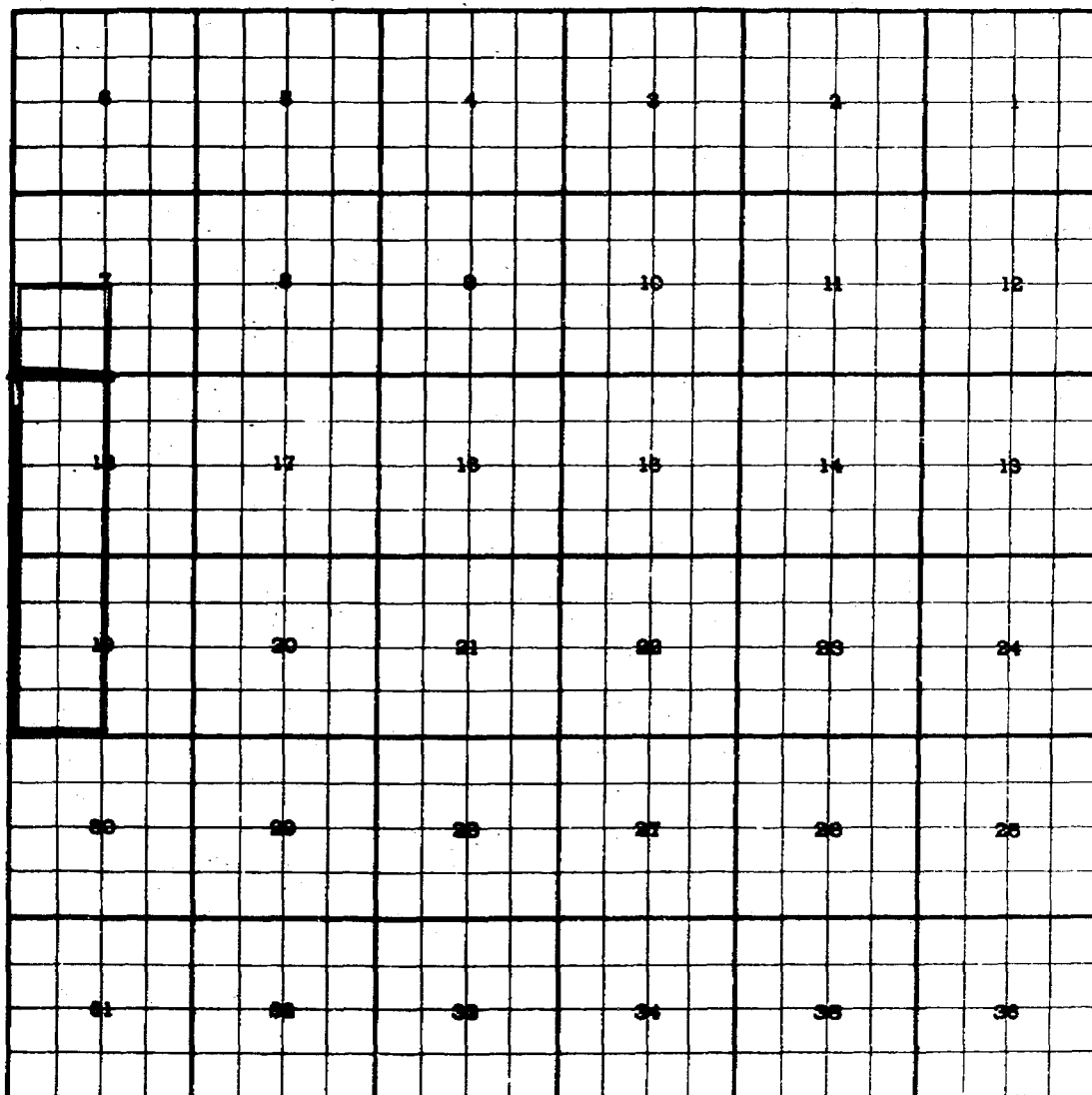
Proposed Extension: Colored in Green -SW/4 Sec. 13, NW/4 Sec. 24

Case 930 (f) Extension of an existing pool Unadvertised

County LEA

Pool E-K QUEEN

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



Depth Range: 0-5 Producing Formation: Queen

Purpose: To extend the pool to include

Sunray Oil Corp. (Sunray-Mid-Continent) N. M. State G #1-M Sec. 7-18-34
completed as Queen producer 6/24/55 des 4344

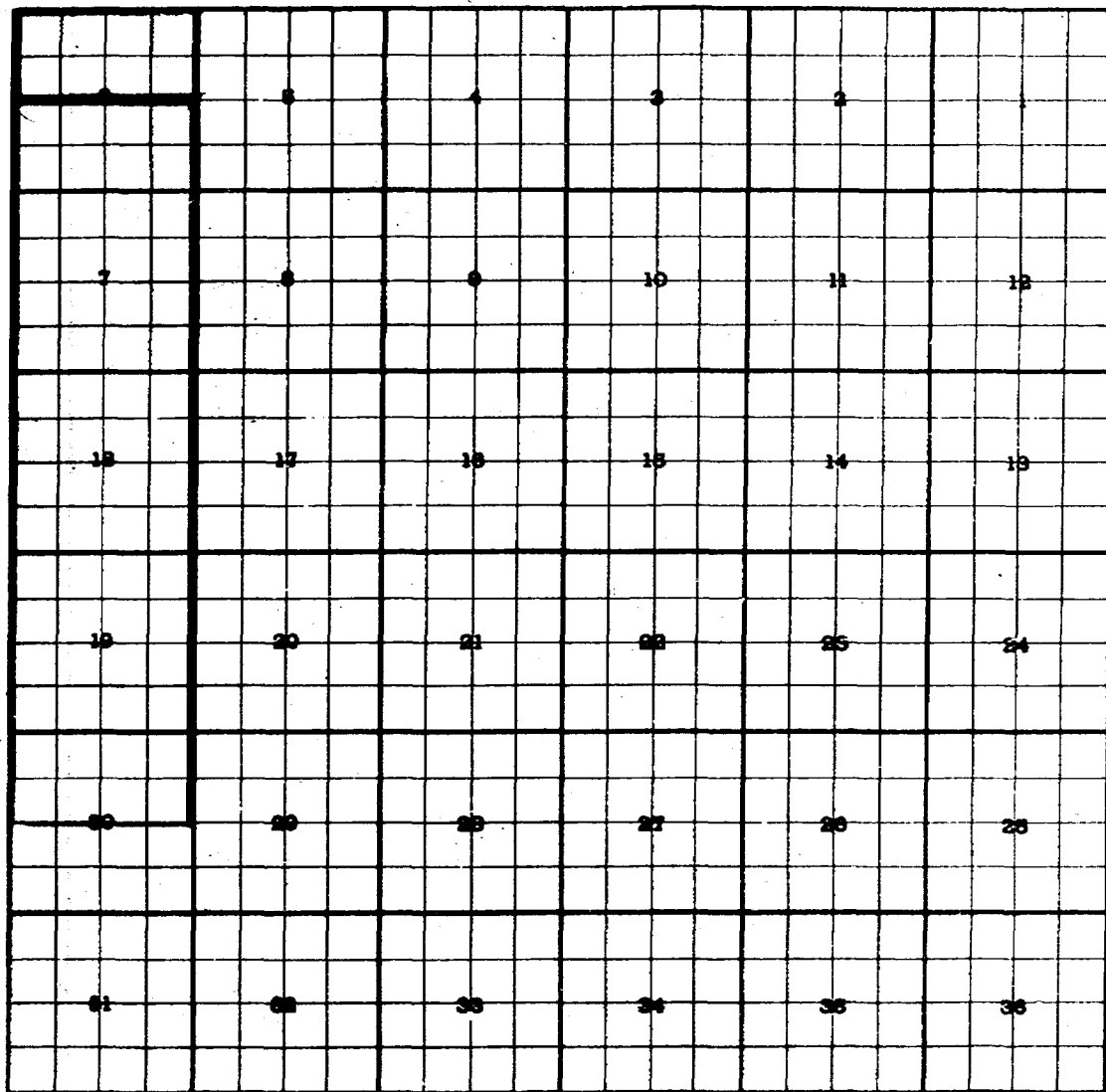
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green -SW/4 Sec. 7

Case 930: (G) Extension of an existing pool

County LEA Pool SKAGGS

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



Depth Range 0-5 Producing Formation Grayburg

Purpose: To extend the pool for the inclusion of

Signal Oil and Gas J. M. Leonard #1-F Sec. 6-20-38 comp. 6/1/55 as
lower Grayburg producer t.p. 4058

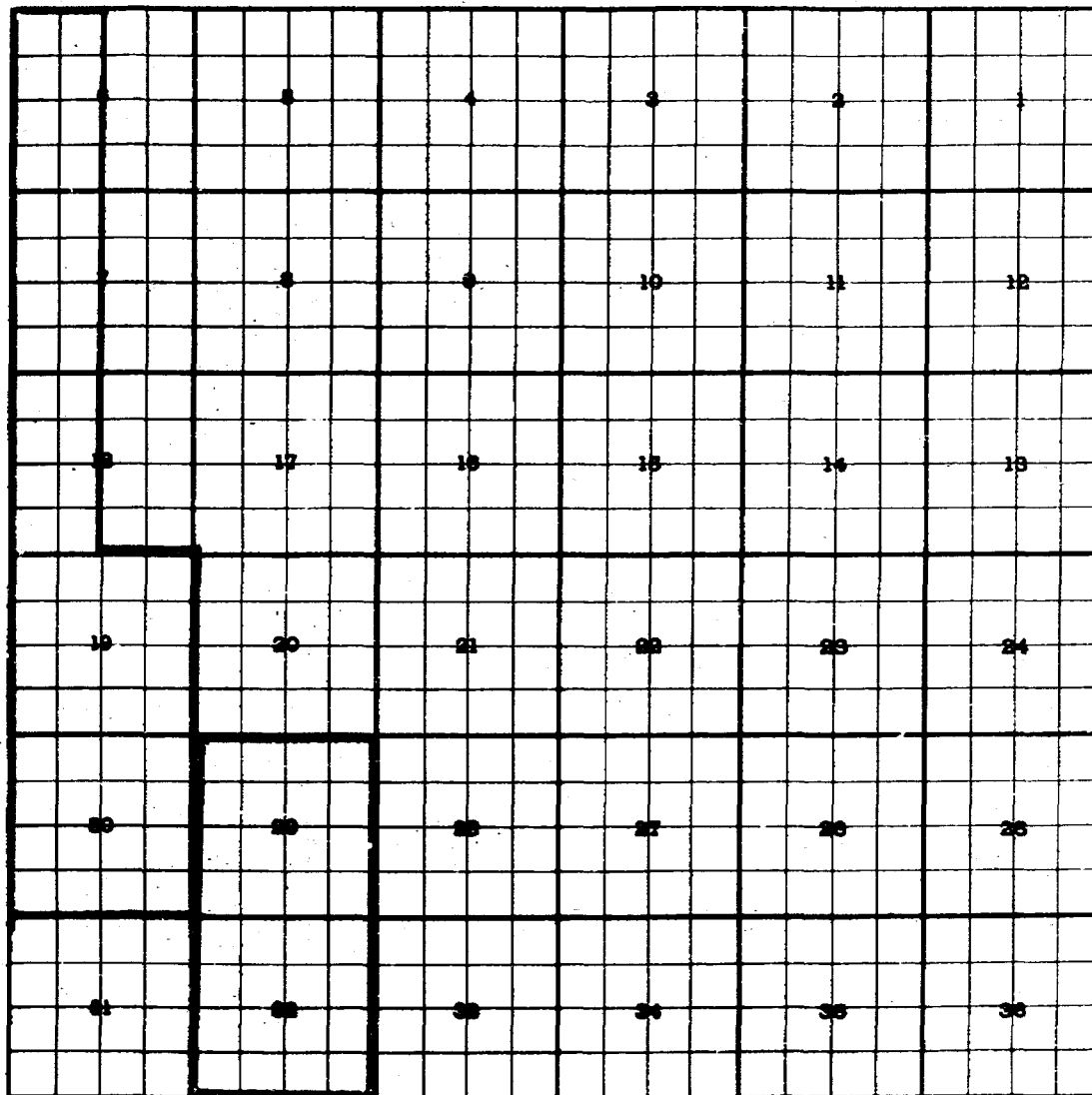
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green -N/2 Sec. 6

Case 930: (H) Extension of an existing pool

County LEA Pool TUBB

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



Producing Formation -Tubb Depth Range 6-7

Purpose: To extend the pool to include

Gulf Oil Corp. Andrews #2-G 32-22-38 comp. for Tubb gas 4/16/55
t.p. 6070

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green: All Sec. 29 & 32

OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

Advertisement for July

Case 930

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools, and the extension of existing pools in Lea and Eddy Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

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

Twp. 14 South, Range 33 East
SW/4 of Sec. 5
SE/4 of Sec. 6
NE/4 of Sec. 7
NW/4 of Sec. 8

and such other etc.

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

Twp. 9 South, Range 32 East
SW/4 of Sec. 14
SE/4 of Sec. 15
NE/4 of Sec. 22
NW/4 of Sec. 23

and such other etc.

(c) Extend the Artesia pool boundary in Eddy County, New Mexico, to include therein:

Twp. 18 South, Range 28 East
NW/4 of Section 26

and such other etc.

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

Twp. 18 South, Range 29 East
NE/4 of Section 20

and such other etc.

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

Twp. 9 South, Range 36 East
N/2 of Section 22

and such other etc.

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OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

Case 930

July Adv. 2

(f) Extend the E-K Queen pool boundary in Lea County, New Mexico, to include therein:

Trp. 18 South, Range 33 East
SW/4 of Section 13
NW/4 of Section 24 *OK*

and such other etc.

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

Trp. 20 South, Range 38 East
E/2 of Section 6 *OK*

and such other etc.

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

Trp. 22 South, Range 38 East
All of Section 29
All of Section 32 *OK*

and such other etc.

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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. 930
Order No. R-675

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CALLING FOR THE CREATION OF
NEW POOLS, AND FOR THE EXTENSION
OF CERTAIN EXISTING 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 July 14, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 17th day of August, 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 subject of the creation of a new pool in Lea County, designated and advertised as the Baum Wolfcamp Pool, should be deferred for further study.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for production of oil from the Devonian formation; said pool to bear the designation of the SRR-Devonian Pool. Said SRR-Devonian Pool was discovered by the Amerada Petroleum State SRA Well No. 1 in unit M, Section 14, Township 9 South, Range 32 East. It was completed May 11, 1955 as a Devonian producer. The top of the pay is at 11,103 feet.

(4) That there is need for certain extensions in the Artesia Pool, the Loco Hills Pool, the Crossroads-Pennsylvanian Pool, the E-K Queen Pool, the Skaggs Pool and the Tubb Gas Pool.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production be and is hereby created, said pool to bear the designation of SRR-Devonian Pool and consist of the following described area:

TOWNSHIP 9 SOUTH, RANGE 32 EAST

Section 14: SW/4

Section 15: SE/4

Section 22: NE/4

Section 23: NW/4

(b) That the Artesia Pool be, and is, hereby extended to include the following:

TOWNSHIP 18 SOUTH, RANGE 28 EAST

Section 26: NW/4

(c) That the Loco Hills Pool be, and is, hereby extended to include the following:

TOWNSHIP 18 SOUTH, RANGE 29 EAST

Section 20: NE/4

(d) That the Crossroads-Pennsylvanian Pool be, and is, hereby extended to include the following:

TOWNSHIP 9 SOUTH, RANGE 36 EAST

Section 22: N/2

(e) That the E-K Queen Pool be, and is, hereby extended to include the following:

TOWNSHIP 18 SOUTH, RANGE 33 EAST

Section 13: SW/4

Section 24: NW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST

Section 7: SW/4

(f) That the Skaggs Pool be and is, hereby extended to include the following:

TOWNSHIP 20 SOUTH, RANGE 38 EAST

Section 6: N/2

(g) That the Tubb Gas Pool be and is, hereby extended to include the following:

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 29: All

Section 32: All

IT IS FURTHER ORDERED; That the subject of the creation of a new pool in Lea County, designated as the Baum Wolfcamp Pool be, and

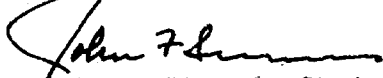
-3-

Order No. R-675


the same is, hereby deferred until the August 17, 1955 hearing of the Commission.

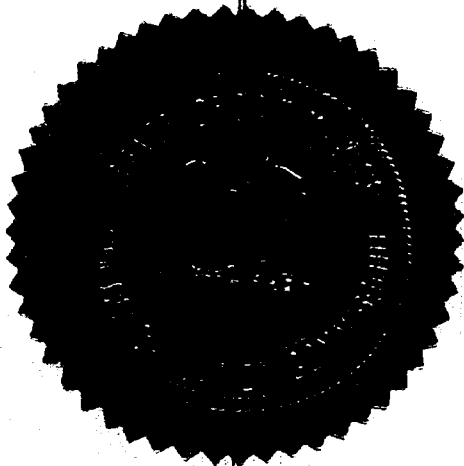
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JOHN F. SIMMS, Chairman


E. S. WALKER, Member


W. B. MACEY, Member and Secretary



/s/

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. 930
Order No. R-675-A

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CALLING FOR THE CREATION OF A
NEW POOL 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 July 14, 1955, and on August 17, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission."

NOW, on this 17th day of August, 1955, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearings, and being fully advised in the premises,

FINDS:

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

(2) That the pool creation as advertised, and as supported by proper testimony and recommendations presented in the subject hearings, should be approved in accordance with the Commission's motion.

IT IS THEREFORE ORDERED:

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

(a) That a new pool be created in Lea County, New Mexico, designated as the Baum-Wolfcamp Pool, classified as an oil pool for production from the Wolfcamp formation, and described as follows:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM

Section 5:	SW/4
Section 6:	SE/4
Section 7:	NE/4
Section 8:	NW/4

-2-

Order No. R-675-A

(Discovery well: The Champlin Refining Company's Featherstone Federal Well No. 1, SE/4 SE/4 Section 6, Township 14 South, Range 33 East, completed May 2, 1955, with top of perforations at 9939 feet.)

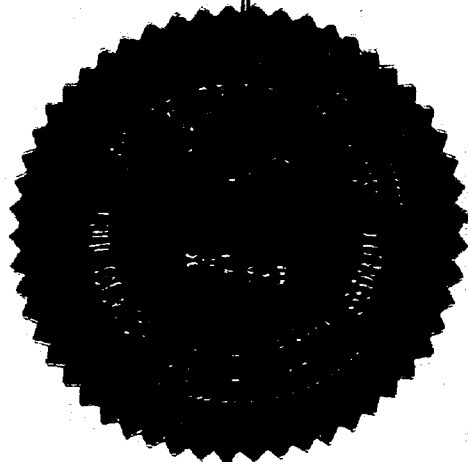
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

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



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