

Case No.

1070

Application, Transcript,  
Small Exhibits, Etc.

CASE 1070: SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

BEFORE THE  
**Oil Conservation Commission**

SANTA FE, NEW MEXICO

May 16, 1956

IN THE MATTER OF:

CASE NO. 1070

**TRANSCRIPT OF PROCEEDINGS**

**DEARNLEY-MEIER AND ASSOCIATES**

COURT REPORTERS

605 SIMMS BUILDING

TELEPHONE 3-6691

ALBUQUERQUE, NEW MEXICO

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 16, 1956

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for the creation of new pools and the extension of existing pools in Lea, Chaves and Eddy Counties, New Mexico:

(a) Creation of a new oil pool for Devonian production, designated as the North Gladiola-Devonian pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 38 EAST  
Section 6: NE/4

(b) Extension of the Blinebry pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST  
Section 29: All

(c) Extension of the Caprock-Queen Pool to include:

TOWNSHIP 13 SOUTH, RANGE 32 EAST  
Section 31: W/2 W/2

TOWNSHIP 14 SOUTH, RANGE 31 EAST  
Section 20: E/2 NE/4

(d) Extension of the Grayburg-Keely pool to include:

TOWNSHIP 17 SOUTH, RANGE 29 EAST  
Section 23: NW/4

(e) Extension of the Terry-Blinebry pool to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST  
Section 34: NW/4

(f) Extension of the Townsend-Wolfcamp pool to include:

TOWNSHIP 15 SOUTH, RANGE 34 EAST  
Section 36: N/2 & E/2 S/2

TOWNSHIP 15 SOUTH, RANGE 35 EAST  
Section 31: S/2 S/2

Case No.  
1070

BEFORE:

Mr. A. L. Porter  
Mr. G. S. (Johnny) Walker

TRANSCRIPT OF HEARING

MR. GURLEY: 1070 is the Southeastern New Mexico nomenclature case calling for the creation of new pools and the extension of existing pools in Lea, Chaves and Eddy Counties, New Mexico.

MR. WALKER: Let the record show that Mr. Montgomery was sworn in for all the nomenclature cases.

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

having been previously sworn, testified as follows:

DIRECT EXAMINATION

By MR. GURLEY:

Q Would you state your name, please?

A Randall Montgomery.

Q Are you the same Randall Montgomery that just testified in Case 1055?

A Yes, I am.

Q What is your position?

A Geologist, New Mexico Oil Conservation Commission.

Q In your official capacity, Mr. Montgomery, have you had opportunity to study the proposed creation of a new pool for North Gladiola-Devonian pool in Lea County, New Mexico?

A Yes, sir, I have.

Q Would you state to the Commission your conclusions and recommendations as a result of that study?

A I recommend that the pool, Northeast quarter, Township 12 South, Range 38 East, Section 6, --- the discovery well in the field was Ralph Lowe, U. U. Wallace No. 1 in Unit A of 6-12-38,

completed on 3/24/56 in the Devonian, top of the perforation, 12,010 feet, I recommend that the field be created as advertised.

Q Have you had an opportunity to study the proposed extension of the Blinebry Pool?

A Yes, sir, I have, and recommend that the pool be extended as advertised.

Q Have you also had an opportunity to study the proposed extension of the Caprock-Queen Pool?

A Yes, sir. I also recommend that that pool be extended as advertised.

Q Have you made a study of the proposed extension of the Grayburg-Keely Pool?

A Yes, sir, I have.

Q What have you decided?

A I recommend the pool be extended as advertised.

Q Have you had an opportunity to study the extension of the Terry-Blinebry?

A I have. I recommend that the pool be extended as advertised.

Q Have you had an opportunity to study the proposed extension of the Townsend-Wolfcamp pool?

A Yes, I have and I recommend that field be extended as advertised.

Q Do you wish to introduce any exhibits at this time?

A Yes, sir, I would like to submit the Exhibits 1 through 8, inclusive.

Q Were those exhibits prepared by you or under your direction?

A Yes, sir, that is correct.

Q Which?

A Under my direction.

Q These exhibits were used in reaching the recommendation that you just submitted to the Commission?

A In part that is true, yes.

MR. GURLEY: I would like to introduce in evidence Exhibits 1 through 8.

MR. PORTER: Without objection they will be received.

MR. GURLEY: That is all.

MR. PORTER: We will take the case under advisement.

MR. NUTTER: I have a question before you do that. There was a question as to whether the extension of the Blinebry was the Blinebry gas or oil pool. That was the oil pool, is that right?

A The Blinebry Pool, yes, sir, that is the oil pool.

CROSS EXAMINATION

By MR. MANKIN:

Q Based on the Gulf well, was it not?

A That is correct.

MR. PORTER: Is that all.

MR. GURLEY: Yes.

MR. PORTER: We will take the case under advisement.

C E R T I F I C A T E

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) SS

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 22nd day of May, 1956.

*Ada Dearnley*  
Notary Public-Court Reporter

My commission expires:

June 19, 1959.



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE NO. 1070  
Order No. R-812

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CALLING FOR THE CREATION AND  
EXTENSION OF CERTAIN POOLS IN  
LEA, CHAVES 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 May 16, 1956 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 8<sup>th</sup> day of June, 1956, 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 Devonian formation, said pool to bear the designation North Gladiola-Devonian Pool. Said North Gladiola-Devonian Pool was discovered by Ralph Lowe U. U. Wallace #1, located in the NE/4 NE/4 of Section 8, Township 12 South, Range 38 East, NMPM. It was completed March 24, 1956. The top of the perforations is at 12,010 feet.

(3) That there is need for certain extensions to the Blinebry Oil Pool, the Terry-Blinebry Pool, and the Townsend-Wolfcamp Pool all in Lea County, New Mexico, the Caprock-Queen Pool in Lea and Chaves Counties, New Mexico and the Grayburg-Keely Pool 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 Devonian production be and the same is hereby created and designated as the North Gladiola-Devonian Pool consisting of the following described area:

TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM  
NE/4 Section 6

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

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
All Section 29

(c) That the Caprock-Queen Pool in Lea and Chaves Counties, New Mexico, as heretofore classified, defined and described be and the same is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM  
W/2 W/2 Section 31

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
E/2 NE/4 Section 20

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
NW/4 Section 23

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
NW/4 Section 34

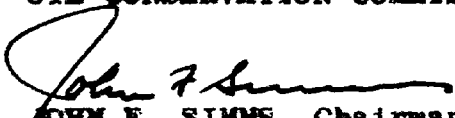
(f) That the Townsend-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined and described, be and the same is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM  
N/2 & N/2 S/2 Section 36


TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
S/2 S/2 Section 31

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

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



Case 1070: (a) Creation of a new pool

County LEA Pool NORTH GLADIOLA-DEVONIAN

TOWNSHIP 12 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN

	1	2	3	4	5
	6	7	8	9	10
	11	12	13	14	15
	16	17	18	19	20
	21	22	23	24	25
	26	27	28	29	30
	31	32	33	34	35

Producing Formation: Devonian Depth Range 12-13

Purpose: To Create a pool for:

Ralph Lowe U. U. Wallace #1 in Unit A of 6-12-38

Comp. 3/24/56 in Devonian Top Perf. 12,010

Proposed Boundary: Colored in Red NE/4 of Sec. 6

Case 1070: (b) Extension of an existing pool

8/1/70

County LEA Pool BLINEBRY

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

6	5	4	3	2	1	
7	8	9	10	11	12	
13	17	16	15	14	13	
19	20	21	22	23	24	
29	28	27	26	25	24	
31	32	33	34	35	36	

Producing Formation: Blinebry Depth Range 5-6

Purpose: To extend the pool to include:

Gulf Oil Corp. Higgins #1 in Unit J of 29-22-38

RE-Comp. 3/1/56 in Blinebry DCS 6912 Top. perf 5570

Existing Boundary: Colored in Red

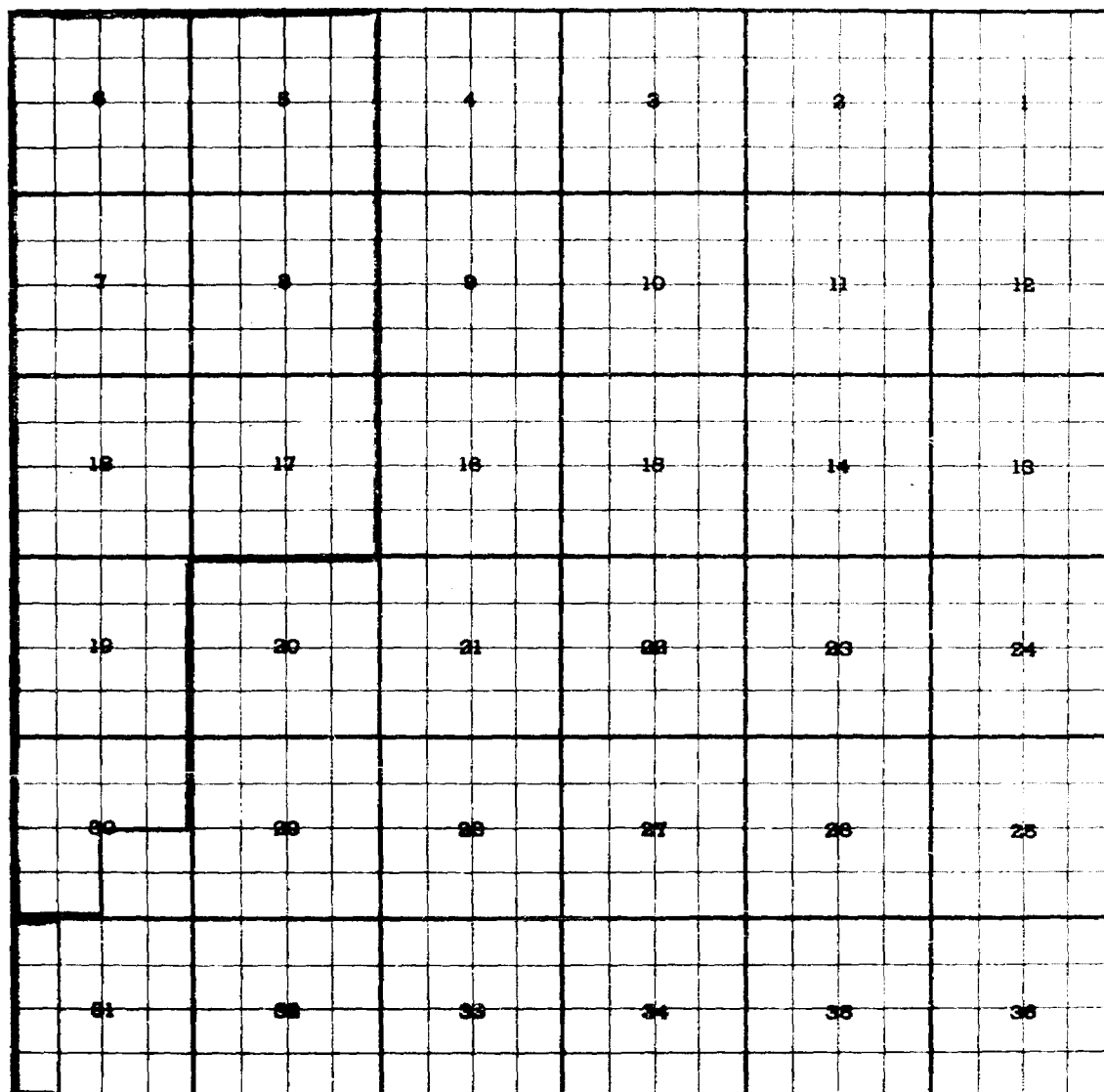
Proposed Extension: Colored in Green All Section 29

Case 1070: (c) Extension of an existing pool

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County LEA Pool CARBON-QUEEN

TOWNSHIP 13 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Queen Depth Range 0-5

Purpose: To extend the pool to include:

Great Western Drilling Co. State "X" #1 in Unit D of 31-13-32

Comp. 3/31/56 in Queen dcs 3067

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green W/2 W/2 of Section 31

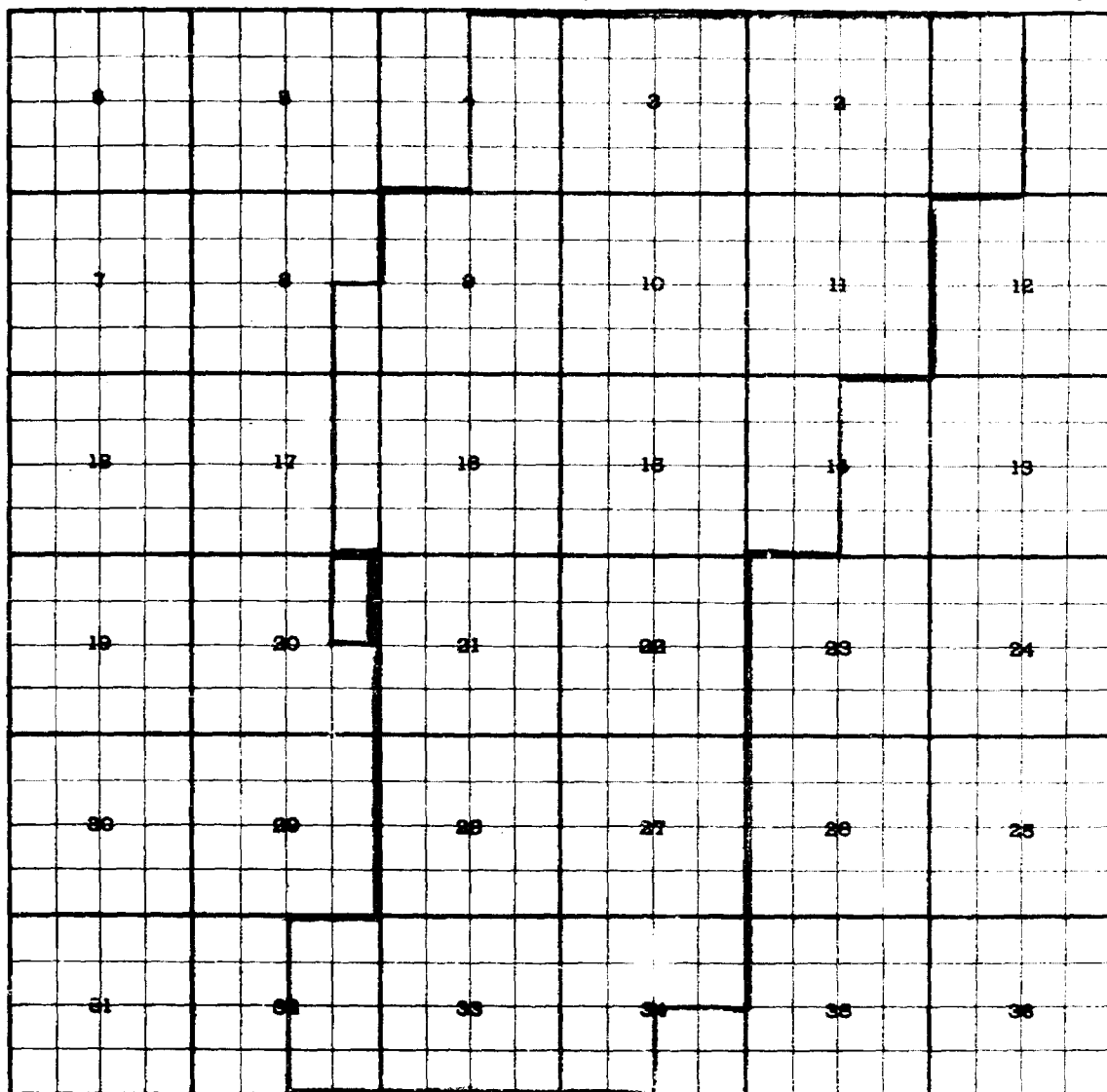
Great Western Drilling Co. State "X" #2 in Unit E of 31-13-32

Comp. 4/15/56 in Queen dcs 3075

Case 1070: (c) Extension of an existing pool

County CHAVES Pool CAPROCK-QUEEN

TOWNSHIP 14 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Queen Depth Range 0-5

Purpose: To extend the pool to include:

Gulf Oil Corp. Stella Zimmerman "B" #4 in Unit A of 20-14-31

Comp. 2/2/56 in Queen dcs 2798

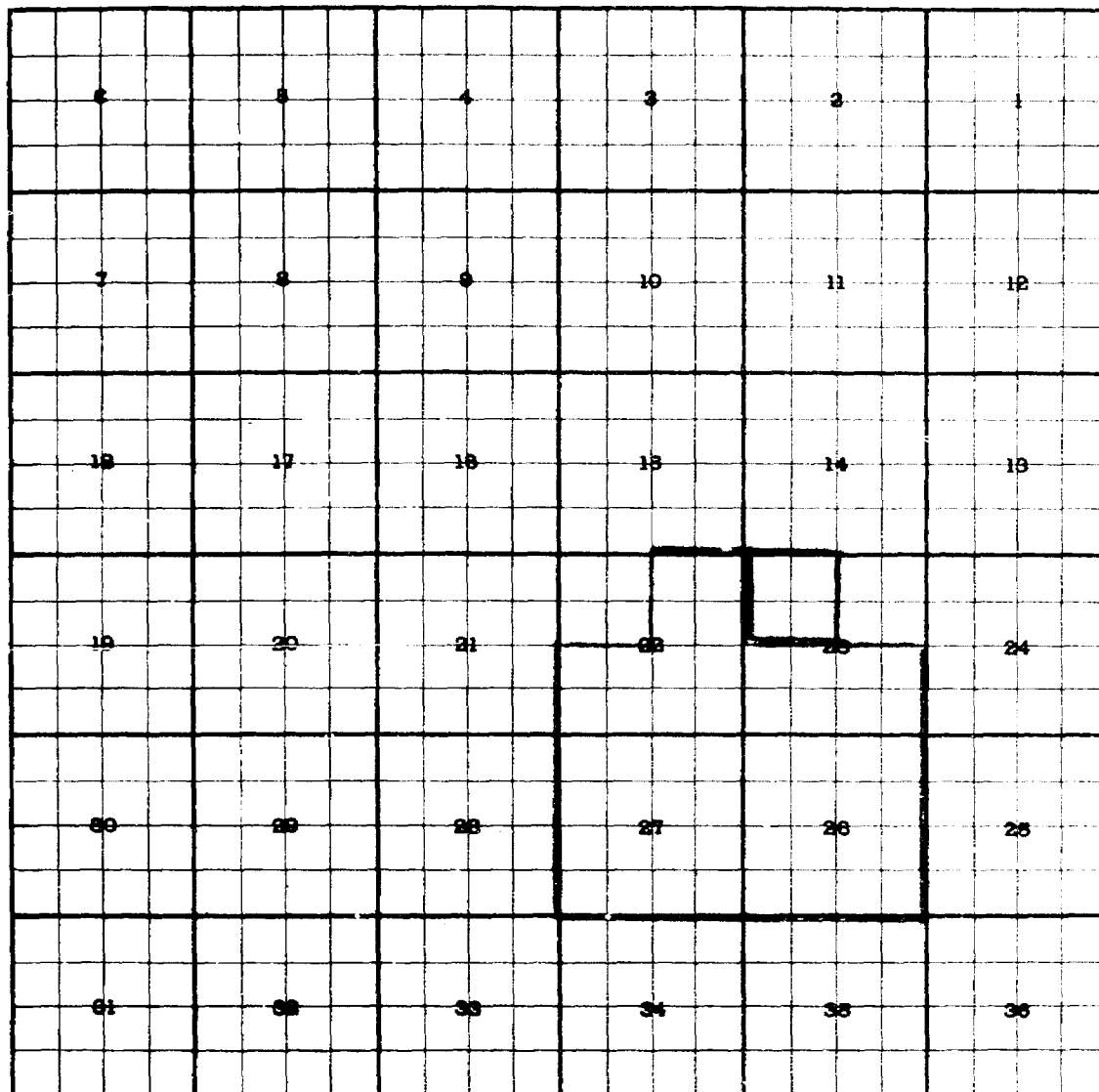
Existing Boundary: Colored in Red

Proposed Extension: Colored in Green E/2 NE/4 of Section 20

Trial	Control	MCI	AD
1	85	75	65
2	88	78	68
3	90	80	70
4	92	82	72
5	95	85	75

County EDDY Pool GRAYBURG-KEELY

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



Producing Formation: San Andres

Purpose: To extend the pool to include:

General American Oil Co., of Texas Burch "C" #1 in Unit E of 23-17-29

Comp. 3/11/56 in San Andres Top Perf. 3287

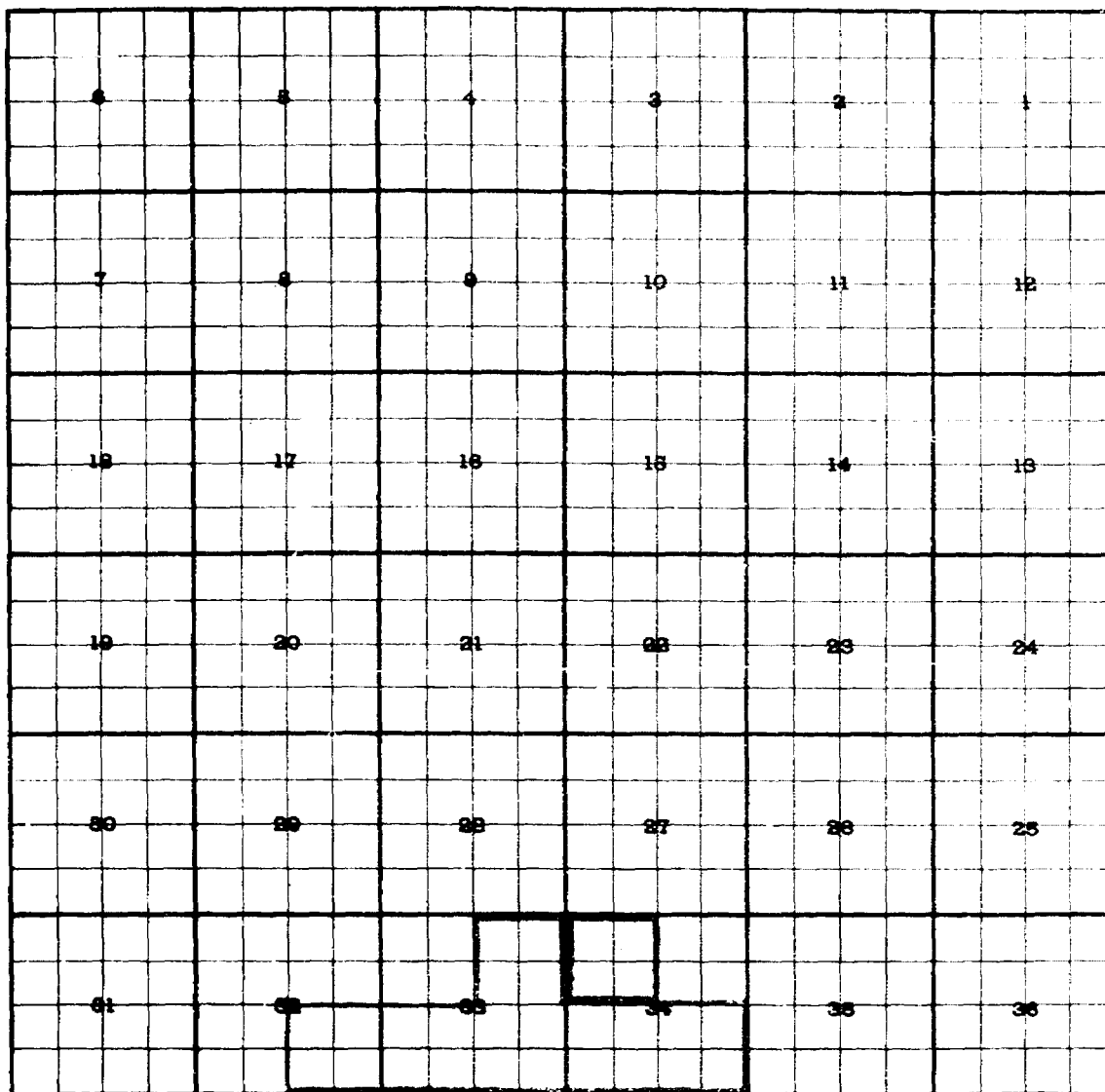
Existing Boundary: Colored in Red

Proposed Extension: Colored in Green NW/4 of Section 23

Case 1070: (e) Extension of an existing pool

County LEA Pool TERRY-BLINEBRY

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



Producing Formation: Blinebry Depth Range 5-6

Purpose: To extend the pool to include:

Continental Oil Co. Warren Unit Blinebry #20 in Unit E of 34-20-38

Comp. 11/27/55 in Blinebry Top Perf. 5768

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green NW/4 of Section 34



Case 1070: (f) Extension of an existing pool

County LEA Pool TOWNSEND-WOLFCAMP

TOWNSHIP 15 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN

6	5	4	3	2	1	
7	8	9	10	11	12	
13	17	16	15	14	13	
19	20	21	22	23	24	
26	29	28	27	26	25	
31	32	33	34	35	36	

Producing Formation: Wolfcamp Depth Range 10-11

Purpose: To extend the pool to include:

Humble Oil & Refining Co. New Mexico State "AN" #1 in Unit G of 36-15-34

Comp. in Pennsylvanian 3/12/56 Top Perf. 10,890

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green N/2 & N/2 S/2 of Section 36

Case 1070: (f) Extension of an existing pool

County LEA Pool TOWNSEND-WOLFCAMP

TOWNSHIP 15 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

1	2	3	4	5	6
7	8	9	10	11	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

Producing Formation: Wolfcamp Depth Range 10-11

Purpose: To extend the pool to include:

The Atlantic Refining Co. J. B. Price #1 in Unit P of 31-15-35

Comp. 3/7/56 in Wolfcamp Top Perf. 10,490

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green S/2 S/2 of Section 31