# Casa Mo.

2629

Application, Transcript,
5 mall Exhibits, Etc.

# BEFORE THE OIL CONSERVATION COMMISSION STATE OF NEW MEXICO at Santa Fe, New Mexico December 17, 1953

In the Matter of:

Application of the Oil Conservation Commission upon its own motion for the creation of new pools, and for the extensions to or deletion from existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why order should not be issued granting such creations, extensions, and deletions.

Case No. 629

(a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Big Eddy-Brushy Canyon Pool, and described as:

Twp. 21 South, Rge. 29 East Sections 27, 28, 33 and 34, all

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 Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Big Eddy-Lower Delaware Pool, and described as:

Twp.20 South, Rge. 31 East Sections 22, 23, 26 and 27

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

(c) Extend the Dollarhide-Drinkard Pool boundary in Lea County, New Nexico, to include therein:

Twp. 24 South, Rge. 38 East S/2 Section 19; W/2 Section 31

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.

ADA DEARNLEY & ASSOCIATES

COURT REPORTERS

ROOM 105-106, EL CORTEZ BLDG.
PHONES 7-9645 AND 5-9546
ALBUQUERQUE, NEW MEXICO

(d) Extend the Dollarhide-Fusselman Pool boundary in Lea County, New Mexico, to include therein:

Twp. 25 South, Rge. 38 East NW/4 Section 5

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 Gladiola-Wolfcamp Pool boundary in Lea County, New Mexico, to include therein:

Twp. 12 South, Rge. 38 East SW/4 Section 19; W/2 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

(f) Extend the Lazy 'J' Pool boundary in Lea County, New Nexico, to include therein:

Twp. 13 South, Rge. 33 East SE/4 Section 21

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 Teague-Ellenburger Pool boundary in Lea County, New Mexico, to include therein:

Twp. 23 South, Rge. 37 East NW/4 Section 35

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 Teas Pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Rge. 33 East SE/4 Section 14; W/2 Section 14; E/2 Section 15

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) Extend the Empire Pool boundary in Eddy County, New Mexico,

ADA DEARNLEY & ASSOCIATES

COURT REPORTERS

ROOM 105-106, EL CORTEZ BLDG,
PHONES 7-9645 AND 5-9546

ALBUQUERQUE, NEW MEXICO

to include therein:

Twp. 17 South, Rge. 28 East N/2 Section 31

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.

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

Twp. 18 South, Rge. 28 East, NMPM N/2 N/2 Section 13

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.

(k) Delete from the Nichols Pool boundary in Eddy County, New Mexico, thefollowing described area:

Twp. 18 South, Rge. 28 East N/2 N/2 Section 13

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, this 27th day of November, 1953.

(Notice of Publication read by Mr. Graham).

S. J. STANLEY

having been first duly sworn, testified as follows:

#### DIRECT EXAMINATION

By MR. WHITE:

Q State your name and be seated.

A S. J. Stanley, Engineer for the New Mexico 0il Conservation Commission. In the Case of 629 I recommend that all extensions and deletions be adopted as advertised, but I do not recommend that the creations be adopted. These creations refer to Case 629, Paragraph (a) and Paragraph (b) which deal with the creation of the Big Eddy-

ADA DEARNLEY & ASSOCIATES
COURT REPORTERS
ROOM 105-105, EL CORTEZ BLDG.
PHONES 7-9545 AND 5-9546
ALBUQUERQUE, NEW MEXICO

Brushy Canyon Pool and the creation of the Big Eddy-Lower Delaware Pool. The reason for my recommendation is that I request a post-penement for further study of this field to properly classify it. In support of my testimony I wish to present plats in evidence.

(Oil Conservation Commission's Exhibit No. 1 Marked for Identification)

MR. SPURRIER: Without objections they will be admitted. (Witness excused)

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

I HEREBY CERTIFY that the foregoing and attached transcript of hearing in Case No. 629 before the Oil Conservation Commission, State of New Mexico, at Santa Fe, on December 17, 1953, is a true and correct record of the same to the best of my knowledge, skill and ability.

DATED at Albuquerque, New Mexico, this 26th day of Securber 1953.

COURT REPORTER

ADA DEARNLEY & ASSOCIATES
COURT REPORTERS
ROOM 105-106, EL CORTEZ BLDG.
PHONES 7-9645 AND 5-9846
ALBUQUERQUE, NEW MEXICO

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

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION CON-MISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 629 ORDER NO. R-400

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CALLING FOR THE CREATION OF NEW POOLS, OR THE EXTENSION TO OR DELETION FROM 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 December 17, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20 day of January, 1954, the Commission, a quorum being present, having considered the testimony adduced at the 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 creation of the Big Eddy-Brushy Canyon (Delaware) Pool and of the Big Eddy-Lower Delaware Pool should be deferred upon recommendation of the Commission staff for further study of the pools to permit their proper classification and definition.
- (3) That extensions should be approved for the Dollarhide-Drinkard, Dollarhide-Fusselman, Gladiola-Wolfcamp, Iazy 'J', Teague-Ellenburger and Teas Oil Pools in Lea County, New Mexico; and for the Empire and Artesia Oil Pools in Eddy County, New Mexico, all in accordance with proper advertisement and the testimony presented at the December 17, 1953, hearing.
- (4) That deletion of the described area from the Nichols Pool, Eddy County, New  $^{N}$ exico, should likewise be approved as advertised.

#### IT IS THEREFORE ORDERED:

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

- (1) That creation of a new oil pool in Eddy County, New Mexico, designated as the Big Eddy-Brushy Canyon Pool for Delaware production, to encompass Sections 27, 28, 33 and 34 in Township 21 South, Range 29 East, is hereby deferred to permit further study of the reservoir.
- (2) That creation of a new oil pool in Eddy County, New Mexico, designated as the Big Eddy-Lower Delaware Pool, to encompass Sections 22, 23, 26 and 27 in Township 20 South, Range 31 East, is hereby deferred to permit further study of the reservoir.
- (3) That the Dollarhide-Drinkard Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include:

Twp. 24 South, Rge. 38 East. NMPM S/2 Section 19; W/2 Section 31

(4) That the Dollarhide-Fusselman Pool boundary in Lea County, New Textco, as heretofore classified, defined and described, should be extended to include:

#### Twp. 25 South, Rge. 38 East, NMPM NW/4 Section 5

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

# Twp. 12 South, Rge. 38 East, NMPM SW/4 Section 19; W/2 Section 30

(6) That the Lazy 'J' Fool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include:

## Twp. 13 South, Rge. 33 East, NMPM SE/4 Section 21

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

# Twp. 23 South, Rge. 37 East, NMPM NW/4 Section 35

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

Twp. 20 South, Rge. 33 East, NMPM SE/4 Section 14; W/2 Section 14; E/2 Section 15

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

## Twp. 17 South, Rge. 28 East, NMPM N/2 Section 31

(10) That the Artesia Pool boundary in Eddy County, New Mexico, as heretofore classified, defined and described, should be extended to include:

# Twp. 18 South, Rge. 28 East, NMPM N/2 N/2 Section 13

(11) That the Nichols Pool boundary in Eddy County, New Mexico, as heretofore classified, defined and described, should be contracted to provide for deletion therefrom of the following area:

Twp. 18 South, Rge. 28 East, NMPM N/2 N/2 Section 13

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

STATE OF NEW NEXICO
OIL CONSERVATION CONSESSION

Edwin L. Nechem, Chairman

E. S. Walker, Lighber

R. R. Spurrier Member and
Secretary

SEAL

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

Wor

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

CASE NO. 629 ORDER NO. R- 400

THE APPLICATION OF THE OIL CONSERVATION

COMMISSION UPON ITS OWN MOTION FOR AN

ORDER TALLING FOR THE EXTENSION # 10 OF Deleter & FROM

EXISTING POCLS, AND THE CREATION OF NEW

POOLS IN LEA AND EDDY COUNTLES, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 17, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of January, 1954, the Commission, a quorum being present, having considered the testimony adduced at the hearing, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission management the subject matter thereof.
- (3) That extensions should be approved for the Dollarhide-Drinkard, Dollarhide-Fusselman, Gladiola-Wolfcamp, Lazy 'J', Teague-Ellenburger and Teas Oil Pools in Lea County, New Mexico; and for the Empire, Artesia Nichels Oil Pools in Eddy County, New Mexico, all in accordance with proper advertisement and the testimony presented at the December 17, 1953, hearing.

#### (4) (See below) IT IS THEREFORE ORDERED:

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

- (1) That creation of a new pool in Eddy County, New Nexico, designated as the Big Eddy-Brushy Canyon Pool for Delaware production, to encompass Sections 27, 28, 33 and 34 in Township 21 South, Range 29 East, is hereby deferred to permit further study of the reservoir.
- (2) That creation of a new oil pool in Eddy County, New Mexico, designated as the Big Eddy-Lower Delaware Pool, to encompass Sections 22, 23, 26 and 27 in Township 20 South, Range 31 East, is hereby deferred to permit further study of the reservoir.
- (3) That the Dollarhide-Drinkard Pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include:

Twp. 24 South, Rge. 38 East, NMPM S/2 Section 19; W/2 Section 31

(1) The 1 All the 1 To the State of the Stat

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

## Twp. 25 South, Rge. 38 East, NMPM NW/4 Section 5

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

# Twp. 12 South, Rge. 38 East, NMPM SW/4 Section 19; W/2 Section 30

(6) That the Lazy 'J' Pool boundary in LeaCounty, New Mexico, as heretofore classified, defined and described, should be extended to include:

# Twp. 13 South, Rge. 33 East, NMFM SE/4 Section 21

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

## Twp. 23 South, Rge. 37 East, NMPM NW/4 Section 35

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

Twp. 20 South, Rge. 33 East, NMPM SE/4 Section 14; W/2 Section 14; E/2 Section 15

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

## Twp. 17 South, Rge. 28 East, NMPM N/2 Section 31

(10) That the Artesia Pool boundary in Eddy County, New Mexico, as heretofore classified, defined and described, should be extended to include:

# Twp. 18 South, Rge. 28 East, NMPM N/2 N/2 Section 13

(11) That the Nichols Pool boundary in Eddy County, New Mexico, as heretofore classified, defined and described, should be contracted to provide for deletion therefrom of the following area:

# Twp. 18 South, Rge. 28 East, NMPM N/2 N/2 Section 13

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

STATE OF NEW MEXICO
OIL CONSERVATION CONMISSION

Edwin L. Mechem, Chairman

E. S. Walker, Member

R. R. Spurrier, Secretary

CASE 6 39

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 for the extension of new pools, and for the and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, extensions, and deletions should not be made as follows:

(a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Big Eddy-Brushy Canyon pool, and deport bed as:

Two. 21 South, Range 29 Tast, MMPM

Sections 27-28-33 and 34 and such other lands contiguous to said pool as may properly be included therein as supported by propor testimony and recommendations adduced at said hearing.

(b) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production designated as the Big Eddy-Lower Delaware pool and described as:

Range 31 Fast, NMPM Twp. 20 South.

Sections 22-23-26 and 27 and such other lands contiguous to said pobl as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(c) Extend the Dollarhids-Drinkard pool boundary in Lea County, New Mexico, to include therein:

Twp. 24 South, Rep S/2 of Section 19 Renge 38 East, NMPM

W/2 of Section 31

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.

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

Twp. 25 South, Range 32 Tast, NMPM

NW/4 of Section 5

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

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

Twp. 12 South, Pange 38 Fast, MMFM

SW/4 of Section 19

W/2 of Section 30

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

Teminder- gas pool extensions to be submitted not later than Nov. 24, 1953

(f) Extend the Lazy J pool boundary in Lee County, New Mexico, to include therein:

Somil ango 22 Dat mmy SEA of Section 21

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 Tengus-Ellenburger pool boundary in Let County, New Mexico. to include therein:

Two. 23 South, Range 27 Bast, NMPM

NW % of Section 35

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 Teas pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Range 33 Mast, NMPM

SE 4 of Section 14

W/2 of Section 14

E/2 of Section 15

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) Extend the Empire pool boundary in Eddy County, New Maxico to include therein:

Twp. 17 South, Fange 28 East, NMPM

N/2 of Section 31

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.

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

18 South, Range 28 East, NMTM

N/2 of N/2 of Section 13

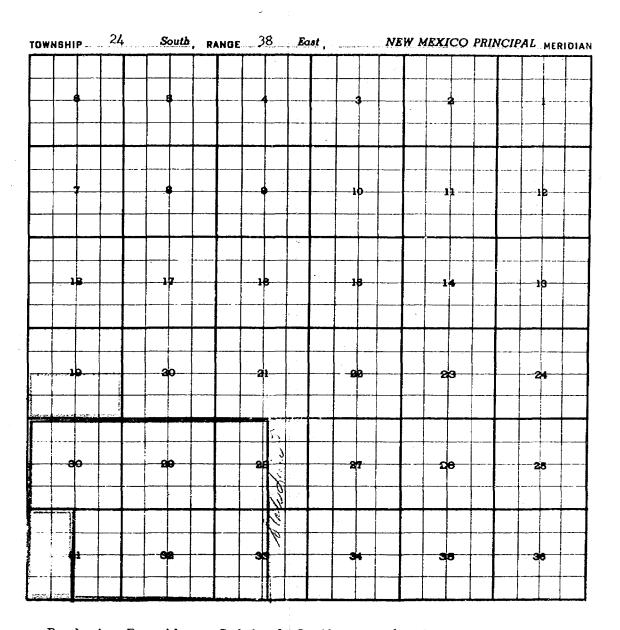
and such other lands contiguous to said pool as may properly be included therein as supported by proper testimony and recommendations adduced at said hearing.

(k) Delete from the Nichols pool boundary in Eddy County, New Mexico to include therein:

Twp. 18 South, Fange 28 Fast N/2 of the N/2 of Section 13 Fange 28 Fast, HMFM

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

County Lea Pool Dollarhide - Drink	<u>lde - Drin</u> kard
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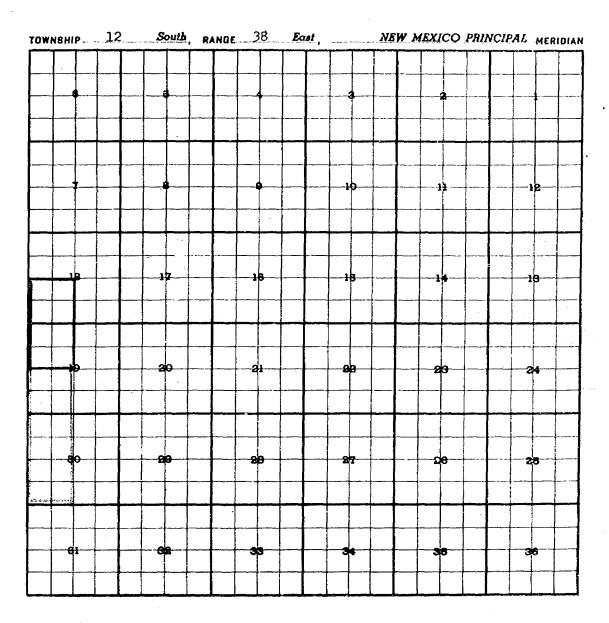
Producing Formation - Drinkard. Depth Range 6000' - 7000'
Purpose: To include the Texas Co. E. M. Byers #1 - L. Unit L., 19-24-38,
Elliot-Hall, Fed. Elliot "S" #2 - C, Unit F, 31-24-38
Sunshine Royalty Co. Fed. Elliot #1 - F, Unit F, 31-24-38
Present boundary colored in red.  Proposed extension colored in green.

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Existing boundary colored in red

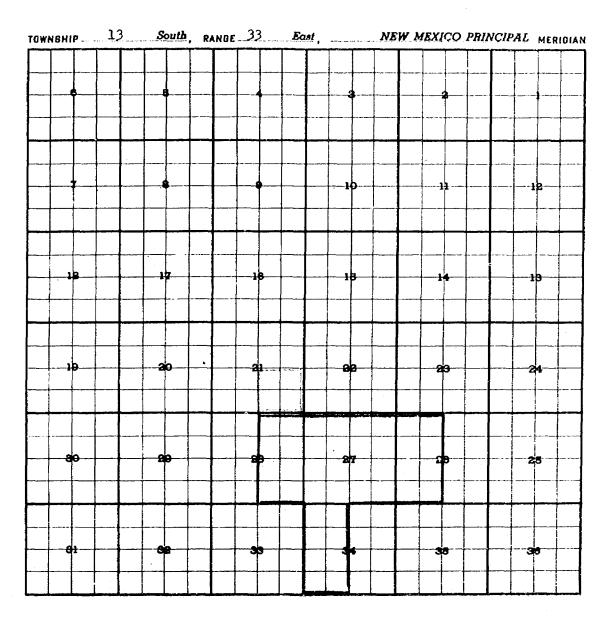
Proposed extension colored in green

County Lea Pool	Gladiola - Wolfcamp
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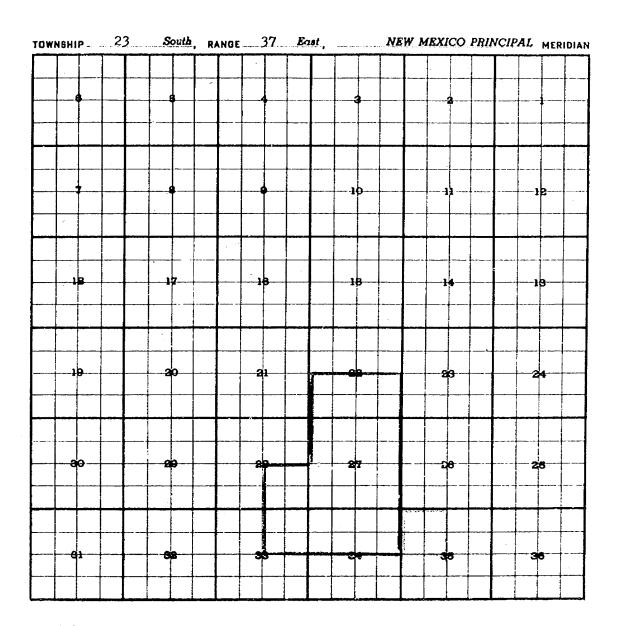
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ese - To include Chi	io_0il_Co.,_State	E-176 "A" #1, Uni	.t_D,_30
ting boundary color	ed in red		
osed extension colo	red in green		
osed extension colo	ored in green		

CountyLea	Poo	Lazy "J"
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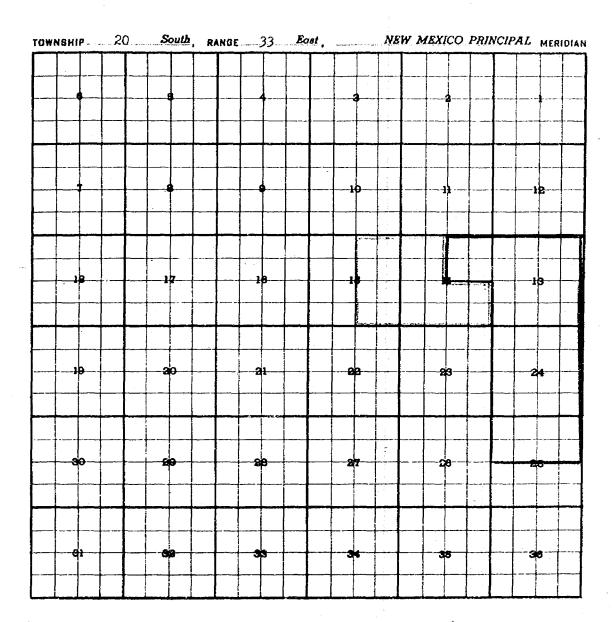
Producing Formation - Pennsylvanian. Depth Range 9,000' - 10,000'
Purpose - to include Sinclair Oil & Cas Co., State #251 #2, Unit P, 21-13-3
Existing boundary colored in red
Proposed extension colored in green
Proposed extension colored in green

County	Lea	Poo	Teague - Ellenburger
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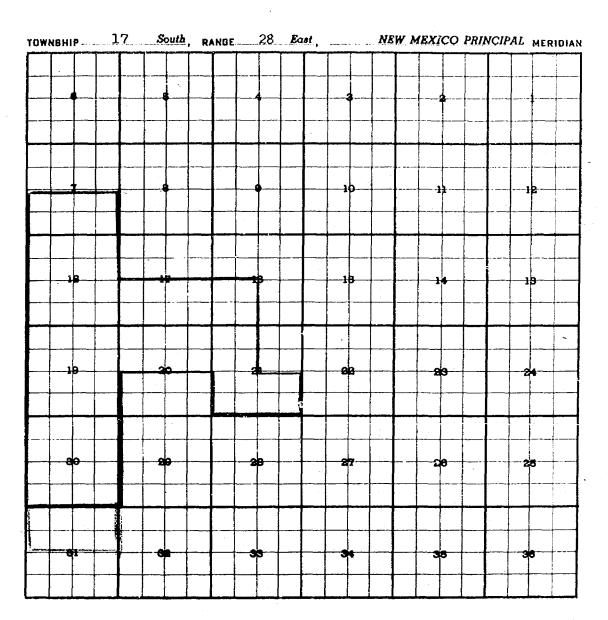
Producing Formation - Ellenburger. Depth Range 9,000' - 10,000'	
Purpose- to include Amon G. Certer, E. C. Hill #5 - E, Unit E, 3	5-23-37
Existing boundary colored in red	
Proposed extension colored in green.	

County	Lea	Pool	Teas



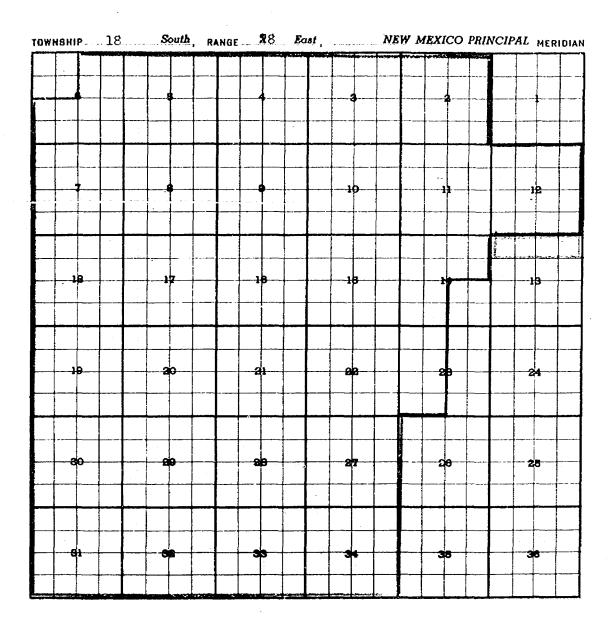
Purpose- to include W.H. Black Federal #1, Unit A, 15-20-33  Existing boundary - Colored in red
Existing boundary - Colored in red
Existing boundary - Colored in red
Existing boundary - Colored in red
Proposed extension - Colored in green

County	Eddy	Р	00	Empire
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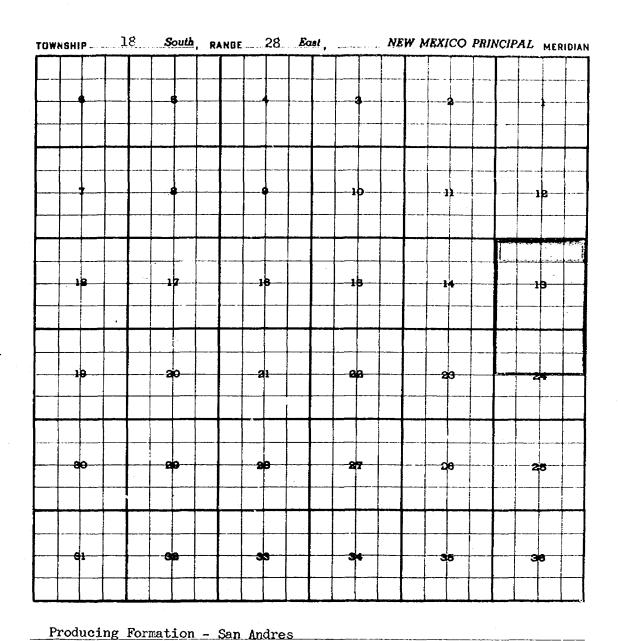
_	Producing Formation - Yates and Seven Rivers, Depth Range 0 - 5,0001
	Purpose - To include J. E. Beddingfield, Malco-State #1, Unit G, 31=17-28
_	
_	Existing boundary - Colored in red
	Proposed extension - Colored in green

CountyPool_	Artesia
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Purpose	- To include A. J. Smith Drilling Co., Travis #2, Unit B, 13-
	Franklin Aston & Fair, State 13 #1, Unit C, 13-18-28
	Franklin Aston & Fair, State 13 #2, Unit D, 13-18-28
Evistina	boundary - Colored in red
Proposed	extension - Colored in green

County	Eddy	Po	01	Nichols	
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	Unit B, 13-18-28. Franklin Aston &
Existing boundary - Colored in red	Fair, State 13 #1, Unit C, 13-18-28
Proposed deletion Column 1 to	Franklin Aston & Fair, State 13 #2, Unit D, 13-18-28.