

Case No.

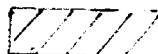
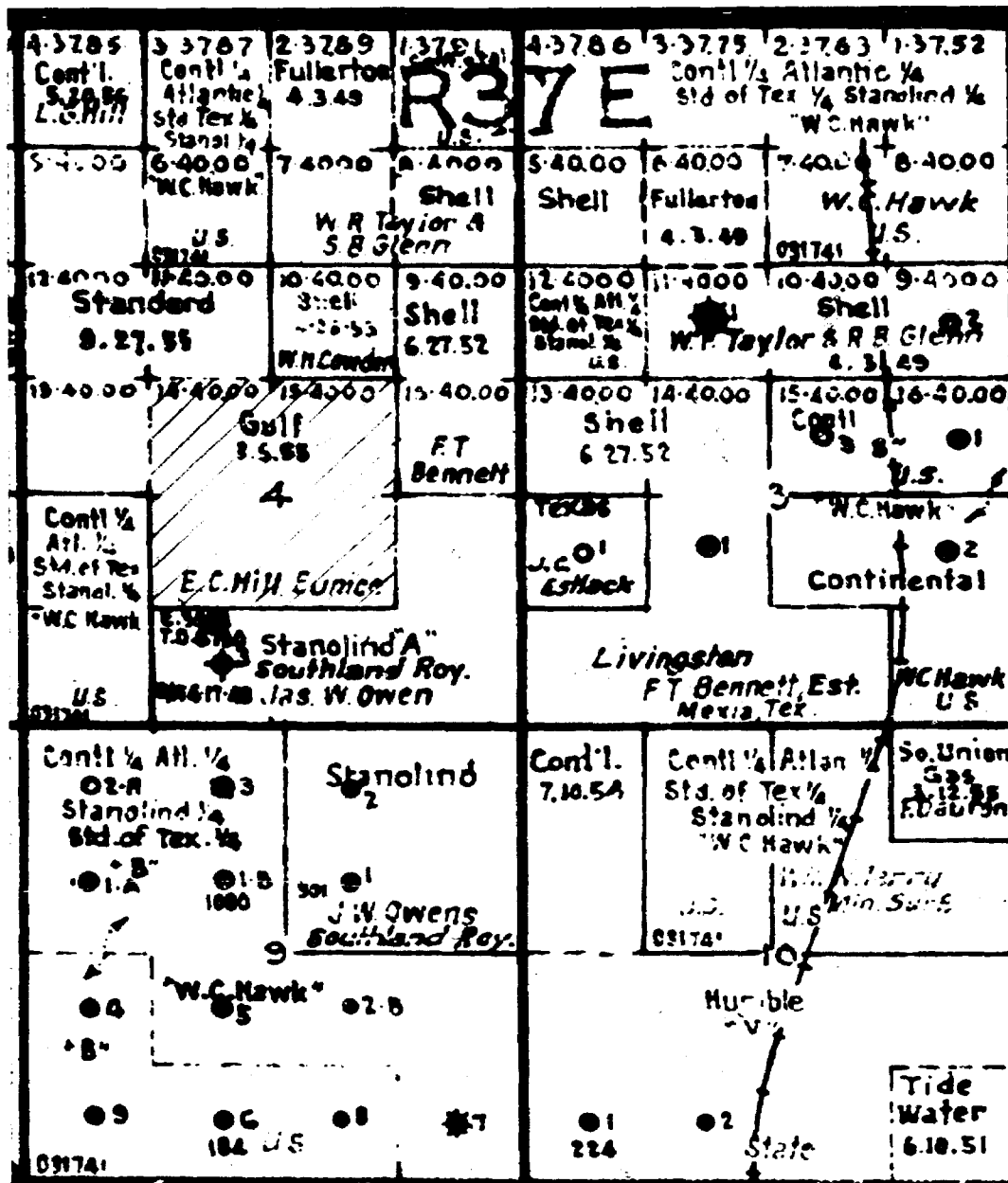
1105

Application, Transcript,
Small Exhibits, Etc.

CASE 1105: Southeastern New Mexico Nomenclature.

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21
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- Proposed Proration Unit

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. 1105
Order No. R-853

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

NOW, on this 16 day of August, 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 Wolfcamp formation, said pool to bear the designation Chambers-Wolfcamp Pool. Said Chambers-Wolfcamp Pool was discovered by the Atlantic Refining Company Daisy Chambers No. 1, located in the SW/4 SW/4 of Section 26, Township 15 South, Range 35 East, NMPM. It was completed November 27, 1955. The top of the perforations is at 10,581 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 Wolfcamp formation, said pool to bear the designation Field Ranch-Wolfcamp Pool. Said Field Ranch-Wolfcamp Pool was discovered by Union Oil Company of California Elliott Federal No. 1, located in the SW/4 SE/4 of Section 27, Township 11 South, Range 38 East, NMPM. It was completed April 27, 1956. The top of the perforations is at 9,466 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 Devonian formation, said pool to bear the designation King-Devonian Pool. Said King-Devonian Pool was discovered by Cabot Carbon Company Howard Fleet et al No. 1, located in the NE/4 SE/4 of Section 35, Township 13 South, Range 37 East, NMPM. It was completed March 11, 1956. The top of the perforations is at 12,451 feet.

(5) That there is need for certain extensions to the Bagley-Pennsylvanian Gas Pool, the Eumont Gas Pool, and the Terry-Blinebry Oil Pool, all in Lea County, New Mexico, and to the North Mason-Delaware Pool in Lea and Eddy Counties, New Mexico. Further, that there is need for the deletion of certain areas from the Bagley-Pennsylvanian Oil Pool, the Blinebry Gas Pool, and the Blinebry Oil Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

Township 15 South, Range 35 East, NMPM
SW/4 of Section 26

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

Township 11 South, Range 38 East, NMPM
SE/4 of Section 27

(c) 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 King-Devonian Pool, consisting of the following described area:

Township 13 South, Range 37 East, NMPM
SE/4 of Section 35

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

Township 12 South, Range 33 East, NMPM
NE/4 of Section 4

(e) That the Bagley-Pennsylvanian Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby contracted by the deletion of the following described area:

Township 12 South, Range 33 East, NMPM
E/2 of Section 4

(f) That the Eumont Gas 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 37 East, NMPM
S/2 of Section 33

Township 19 South, Range 36 East, NMPM
SW/4 of Section 11

Township 19 South, Range 37 East, NMPM
W/2 of Section 10
N/2 and SE/4 of Section 35

Township 20 South, Range 35 East, NMPM
SE/4 of Section 24

Township 20 South, Range 36 East, NMPM
S/2 of Section 19

(g) That the Terry-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 21 South, Range 37 East, NMPM
Lots 14 and 15 of Section 4

(h) That the Blinebry Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby contracted by the deletion of the following described area:

Township 21 South, Range 37 East, NMPM
Lots 14 and 15 of Section 4

(i) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby contracted by the deletion of the following described area:

Township 21 South, Range 37 East, NMPM
Lot 15 of Section 4

(j) That the North Mason-Delaware Pool, in Lea and Eddy Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

Township 26 South, Range 32 East, NMPM
NW/4 of Section 19
SW/4 of Section 30

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
John F. Simms, Chairman

E. S. Walker
E. S. Walker, Member

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

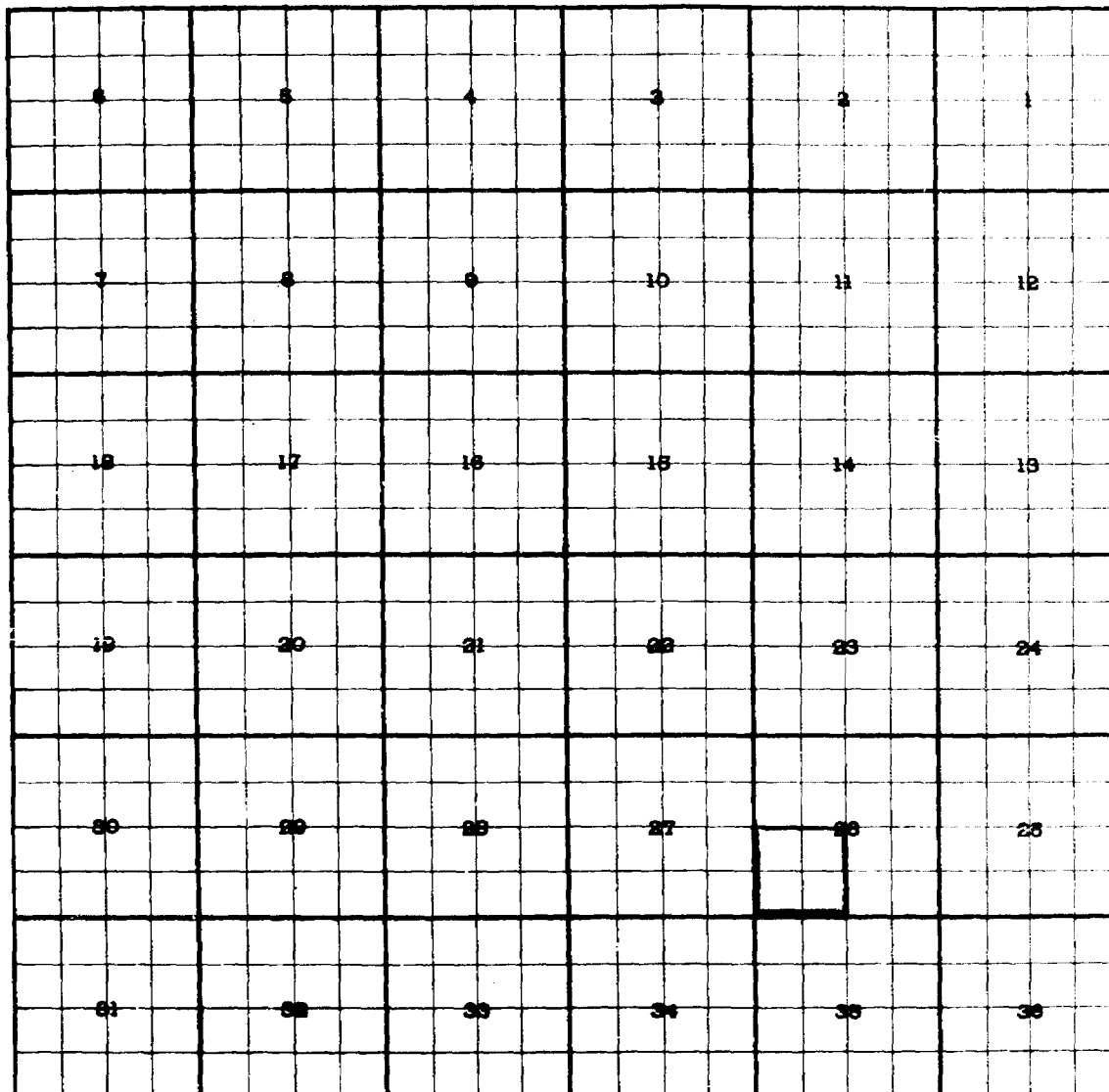


Case 1105: (a) Creation of a new pool

24/1

County LEA Pool CHAMBERS-WOLFCAMP

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



Producing Formation: Wolfcamp Depth Range: 10-11

Purpose: To Create a new pool for:

The Atlantic Refining Co. Daisy Chambers #1 in Unit M of Section 26-15-35

Comp. 11/27/55 in Wolfcamp Top Perf. 10,581

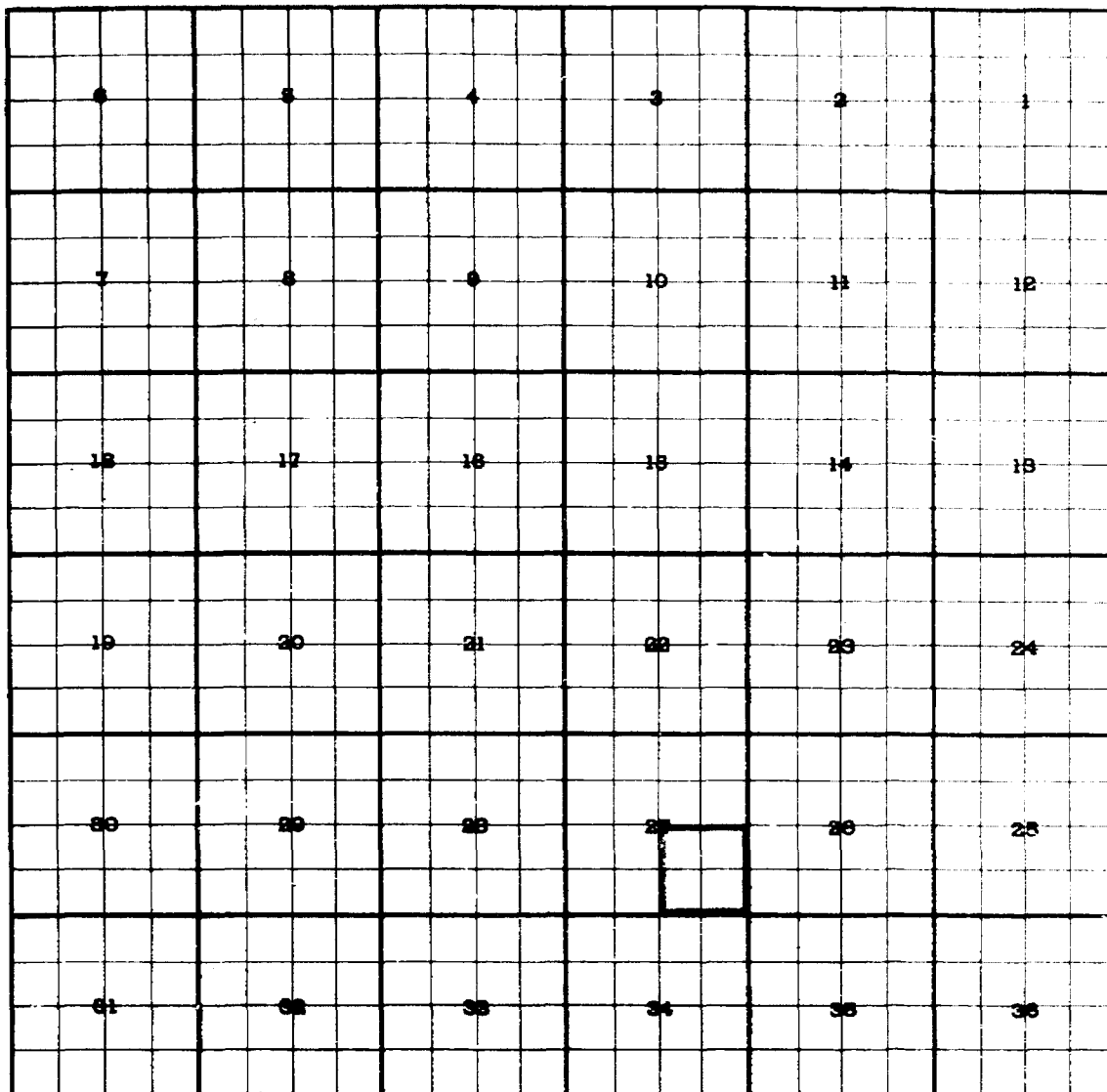
Proposed Boundary: Colored in Red SW/4 of Sec. 26

Case 1105: (b) Creation of a new pool

2/7/56

County LEA Pool FIELD RANCH-WOLFCAMP

TOWNSHIP 11 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Wolfcamp Depth Range: 9-10

Purpose: To Create a new pool for:

Union Oil Co. of Calif. Elliott Fed. #1 in Unit O of 27-11-38

Comp. 4/27/56 in Wolfcamp Top Perf. 9466

Proposed Boundary: Colored in Red SE/4 of Sec. 27

Case 1105: (c) Creation of a new Pool

County LEA Pool KING-DEVONIAN

TOWNSHIP 13 South, RANGE 37 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

Purpose: To Create a new pool for:

Cabot Carbon Co. Howard Fleet Et Al #1 in Unit I of 35-13-37

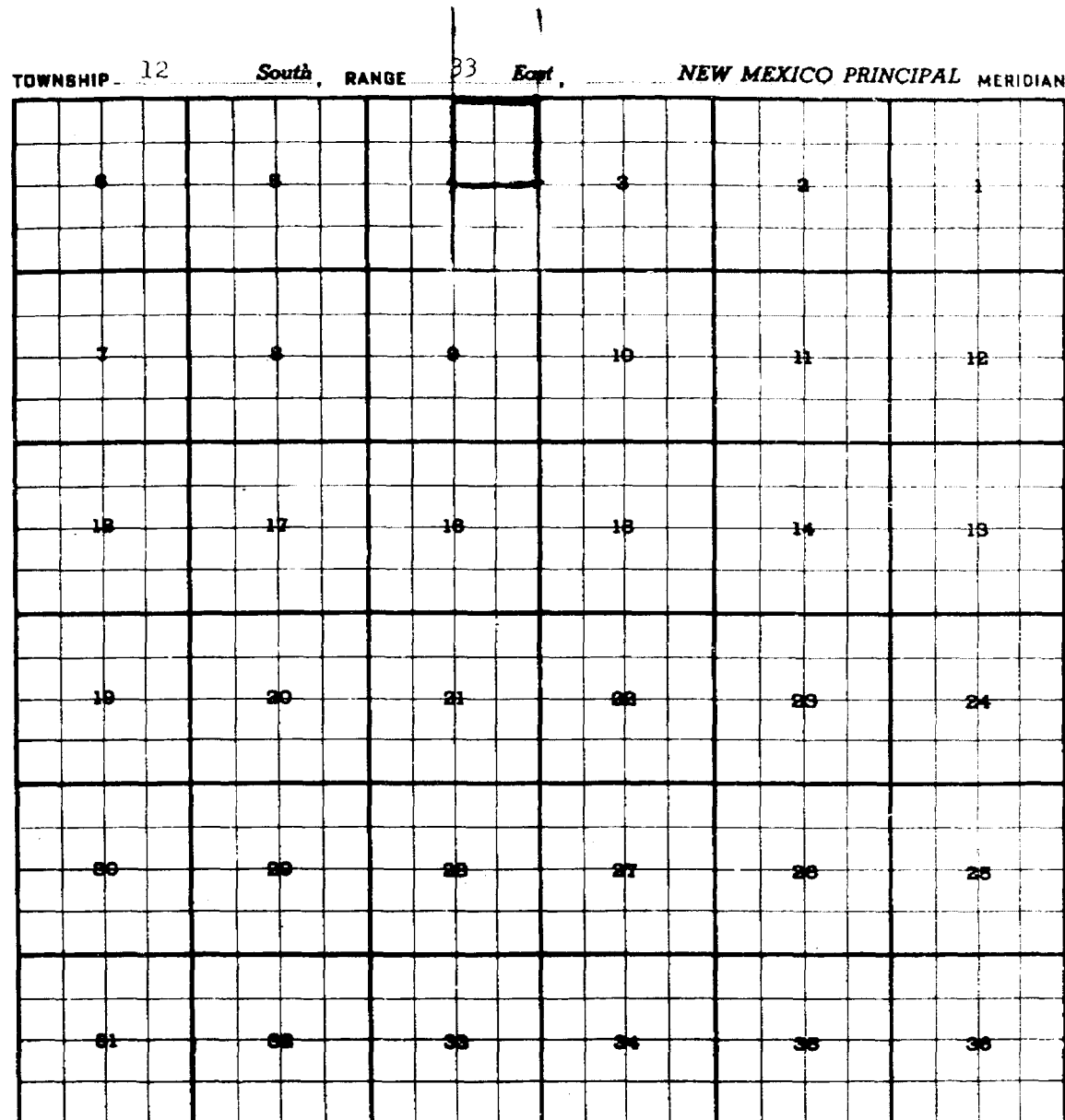
Comp. 3/11/56 Top perf: 12,451

Proposed Boundary: Colored in Red SE/4 of Sec. 35

Case 1105: (d) Extension of an existing pool

844

County LEA Pool BAGLEY PENNSYLVANIAN (GAS)



Producing Formation: Pennsylvanian Depth Range: 9-10

Purpose: To extend ~~the~~ pool to include:

Texas Pacific Coal & Oil Co. State "C" A/c-2 #1 in Unit A of 4-12-33

Re-Comp. as gas in Penn. Top Perf. 9802

Existing Boundary: Colored in Red

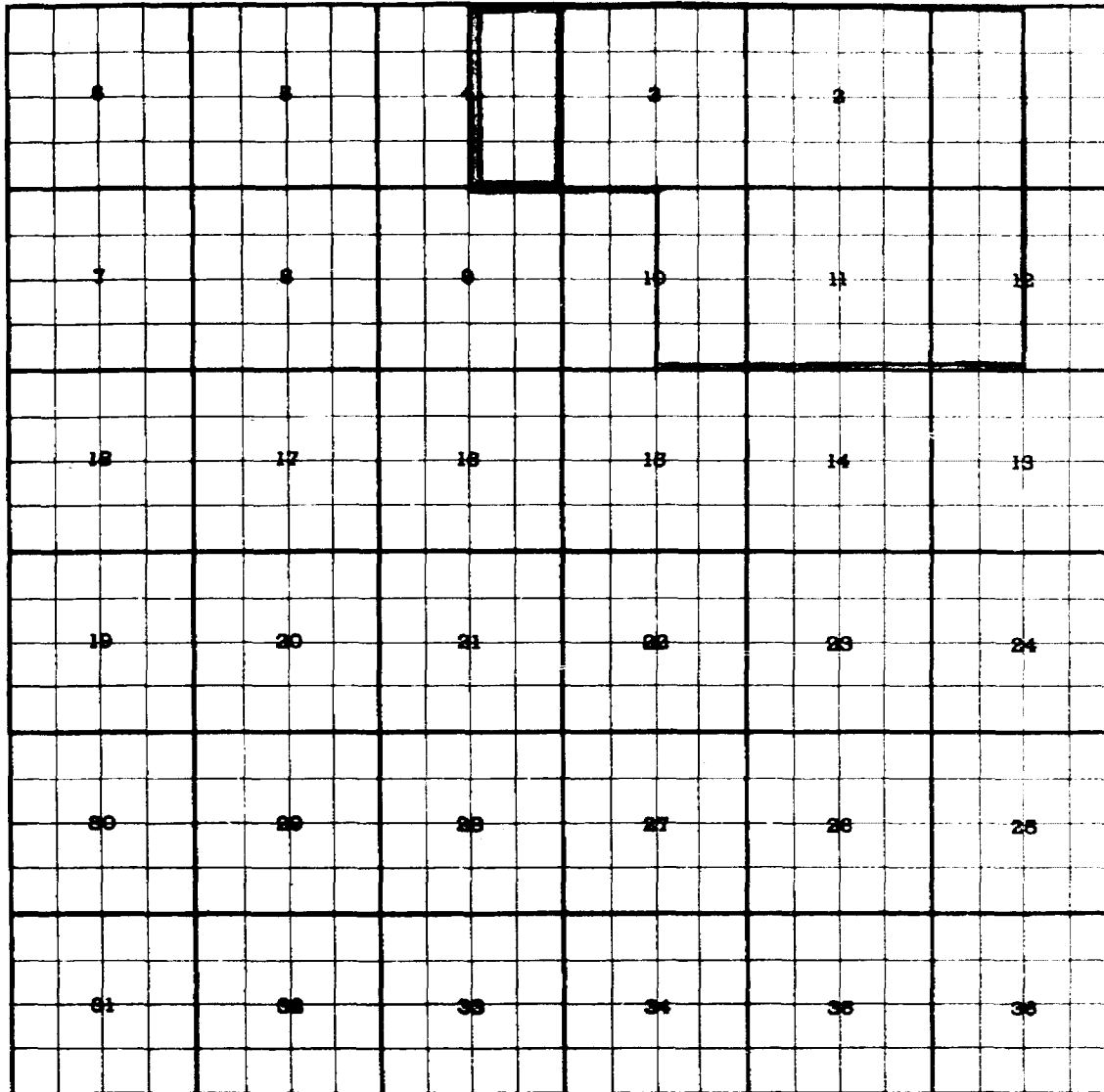
Proposed Extension: Colored in Green NE/4 of Sec. 4

Case 1105: (e) Deletion from an existing pool

8/5

County LEA Pool PAGLEY PENNSYLVANIAN (OIL)

TOWNSHIP 12 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Penn. Depth Range:

Existing Boundary: Colored in Red

Proposed Deletion: Colored in Green E/2 of Sec. 4

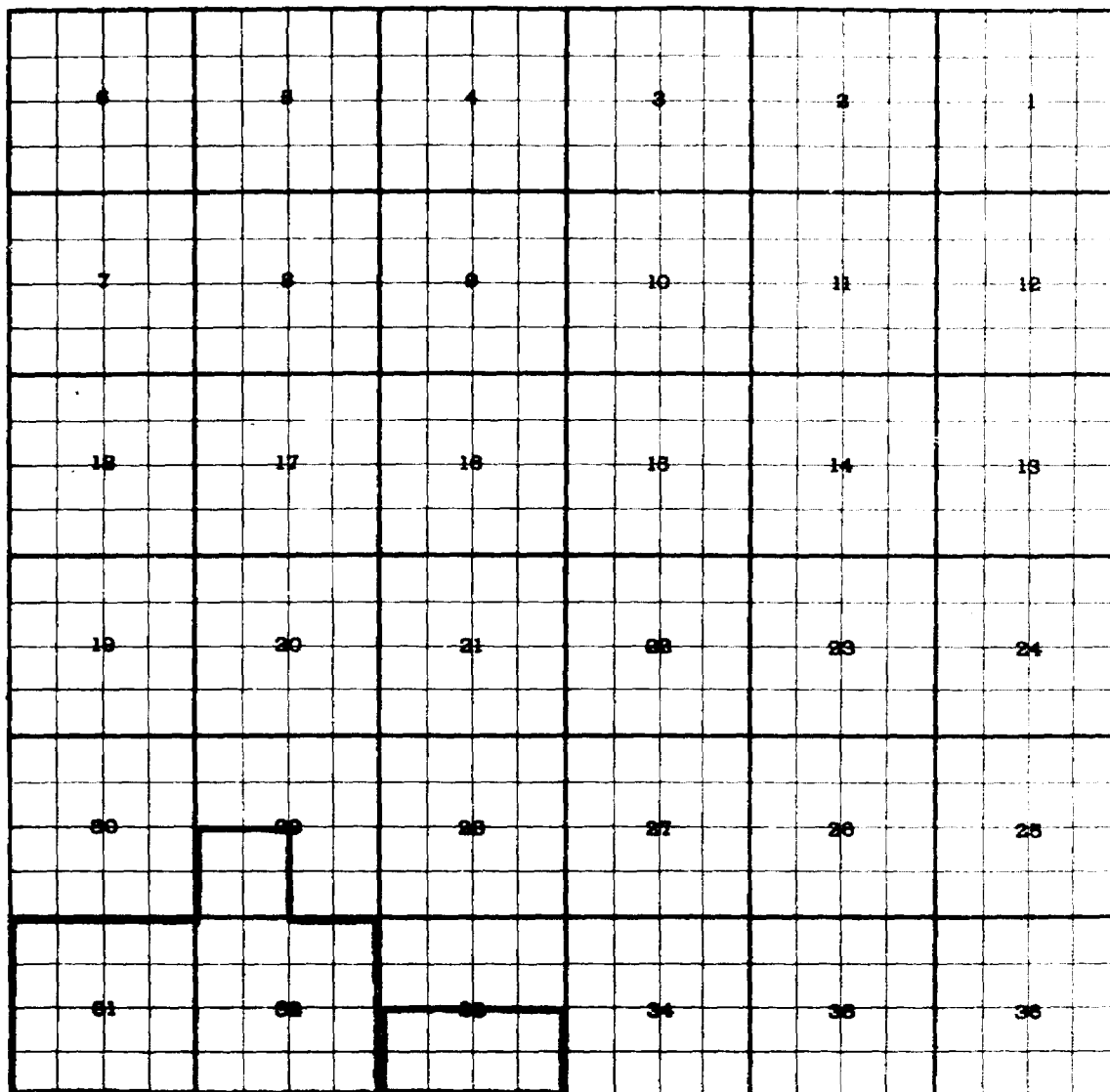
Purpose: There are no Pennsylvanian oil wells in this area.

Case 1105: (f) Extension of an existing pool

PART OF THIS CASE UNADV.

County LEA Pool EUMONT

TOWNSHIP 18 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Yates, Seven Rivers & Queen

Purpose: To extend the pool to include to include:

Aztec Oil & Gas Co. State E-33-A #1 in Unit P of 33-18-37

Comp. 5/26/56 in Queen Top Perf. 3910

Aztec Oil & Gas Co. State E-33-A #2 in Unit O of 33-18-37

Comp. 6/23/56 in Queen Top Perf. 3912

Schermerhorn Oil Corp. Linam "B" #1 in Unit M of 33-18-37

Comp. 5/29/56 in Queen Top Perf. 3880

Existing Boundary: Colored in Red.

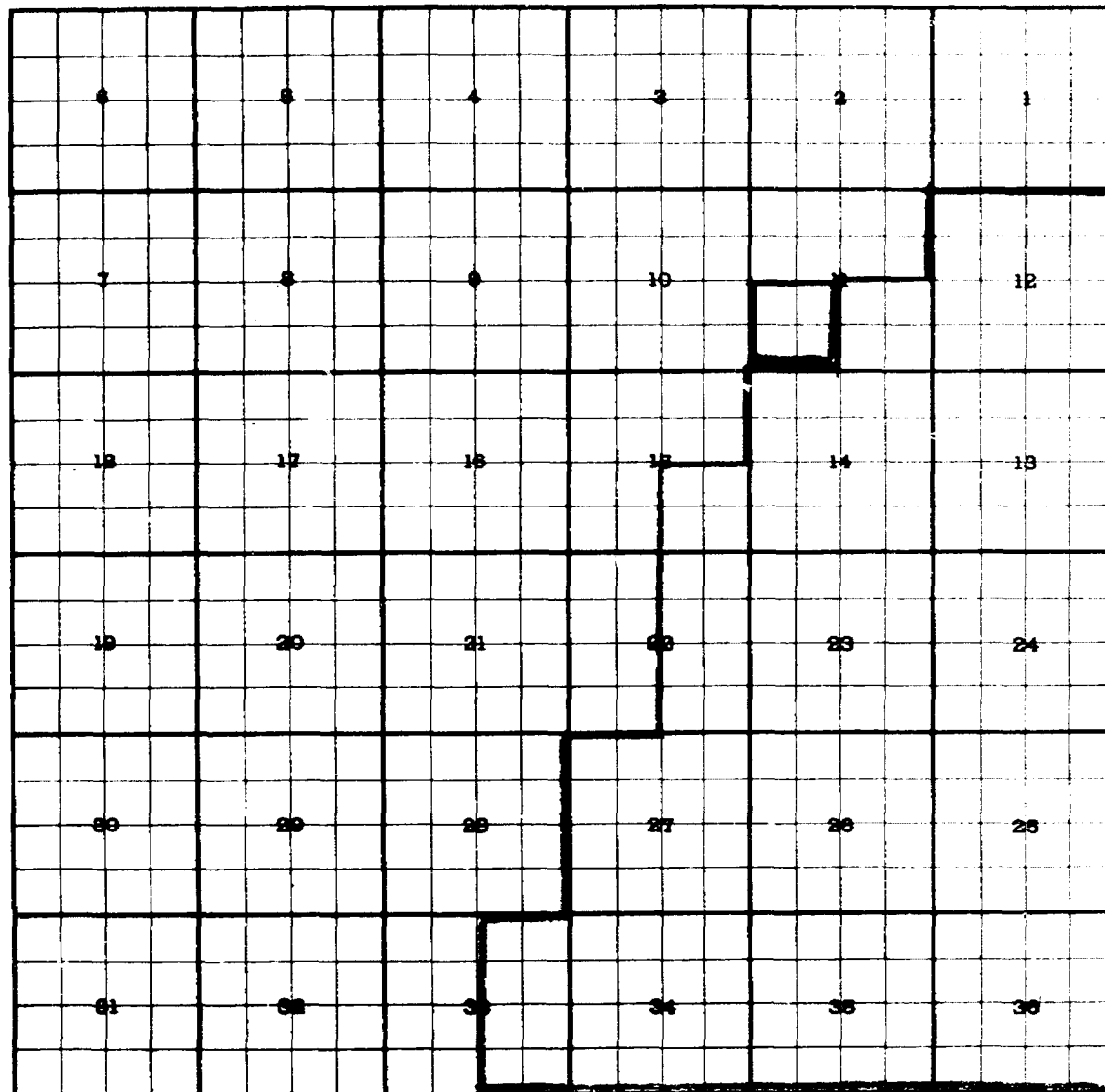
Proposed Extension: Colored in Green S/2 of Sec. 33

Case 1105: (f) Extension of an existing pool

UNADVERTISED

County LEA Pool EUMONT *547*

TOWNSHIP 19 *South*, RANGE 36 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: To ~~Extend~~ the pool to include:

Humble Oil & Refining Co. New Mexico State "AO" #1 in Unit N of 11-19-36

Comp. 4/14/56 in Queen Top Perf. 4192

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green SW/4 of Sec. 11

UNADVERTISED

SV S

A 6x6 grid with a thick black path. The path starts at cell 1 (row 1, column 6), goes down to cell 2 (row 2, column 6), then left to cell 3 (row 2, column 5), then down to cell 4 (row 3, column 5), then left to cell 5 (row 3, column 4), then down to cell 6 (row 4, column 4), then left to cell 7 (row 4, column 3), then down to cell 8 (row 5, column 3), then left to cell 9 (row 5, column 2), then down to cell 10 (row 6, column 2), then left to cell 11 (row 6, column 1), then up to cell 12 (row 5, column 1), then right to cell 13 (row 5, column 2), then up to cell 14 (row 4, column 2), then right to cell 15 (row 4, column 3), then up to cell 16 (row 3, column 3), then right to cell 17 (row 3, column 4), then up to cell 18 (row 2, column 4), then right to cell 19 (row 2, column 5), then up to cell 20 (row 1, column 5), then right to cell 21 (row 1, column 6). The path continues from cell 21 down to cell 22 (row 2, column 6), then left to cell 23 (row 2, column 5), then down to cell 24 (row 3, column 5), then left to cell 25 (row 3, column 4), then down to cell 26 (row 4, column 4), then left to cell 27 (row 4, column 3), then down to cell 28 (row 5, column 3), then left to cell 29 (row 5, column 2), then down to cell 30 (row 6, column 2), then left to cell 31 (row 6, column 1), then up to cell 32 (row 5, column 1), then right to cell 33 (row 5, column 2), then up to cell 34 (row 4, column 2), then right to cell 35 (row 4, column 3), then up to cell 36 (row 3, column 3). The path ends at cell 36.

Humble Oil & Refining Co. New Mexico State "E" #2 in Unit M of 10-19-37

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green W/2 of Sec. 10, E/2 & NW/4 of Sec. 35

Include: Neil E. Salsich State "EA" #1 in Unit G of Sec. 35-19-37

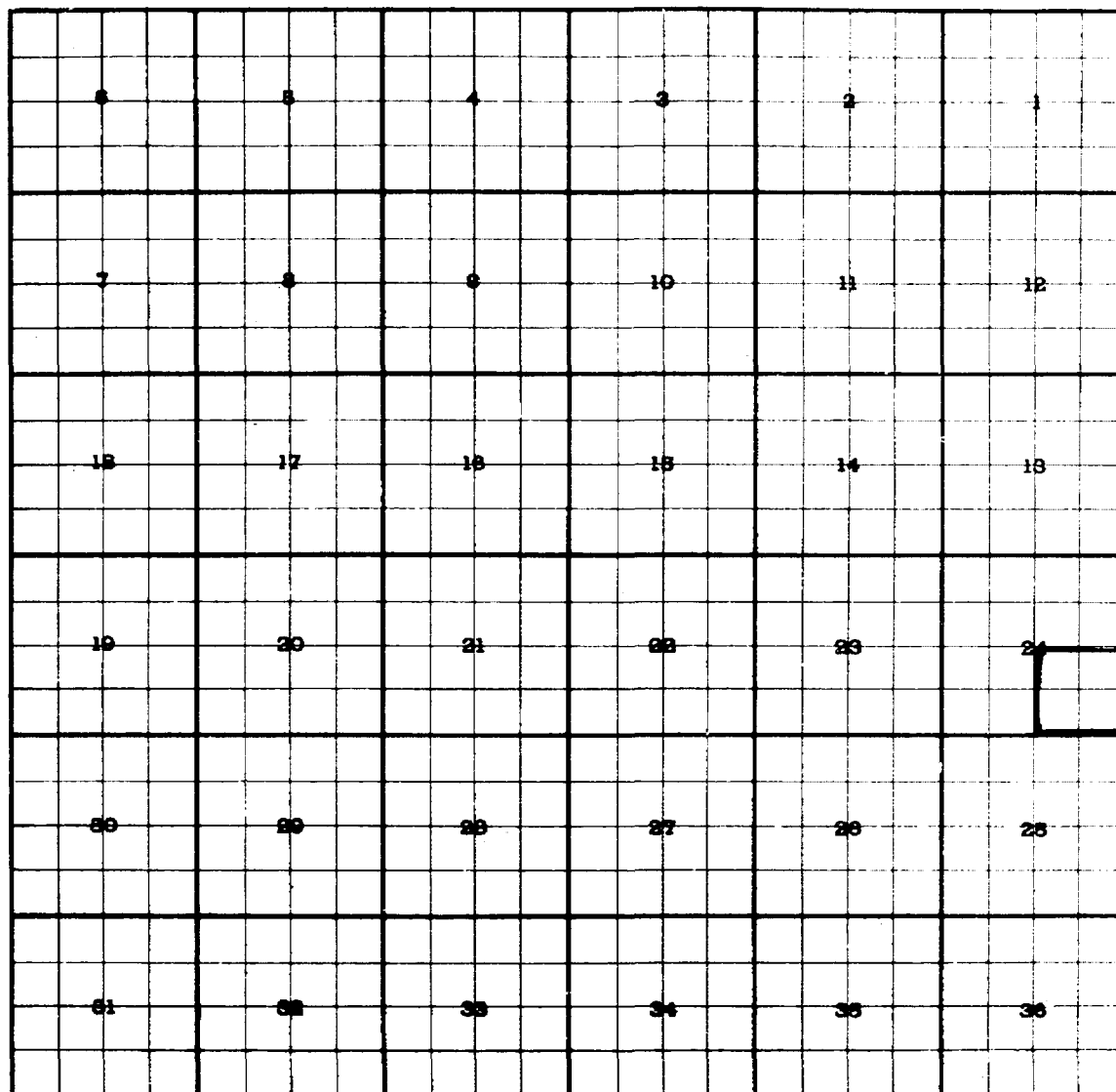
Comp. 6/18/56 in Queen Top Perf. 3827

Case 1105: (f) Extension of an existing pool

249

County LEA Pool EUMONT

TOWNSHIP 20 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: To extend the pool to include:

McAlester Fuel Co. Leo V. Sims et al #A-1 in Unit I of Sec. 24-20-35

Comp. 5/11/56 in Yates Top Perf. 3946

Existing Boundary: See Next Plat

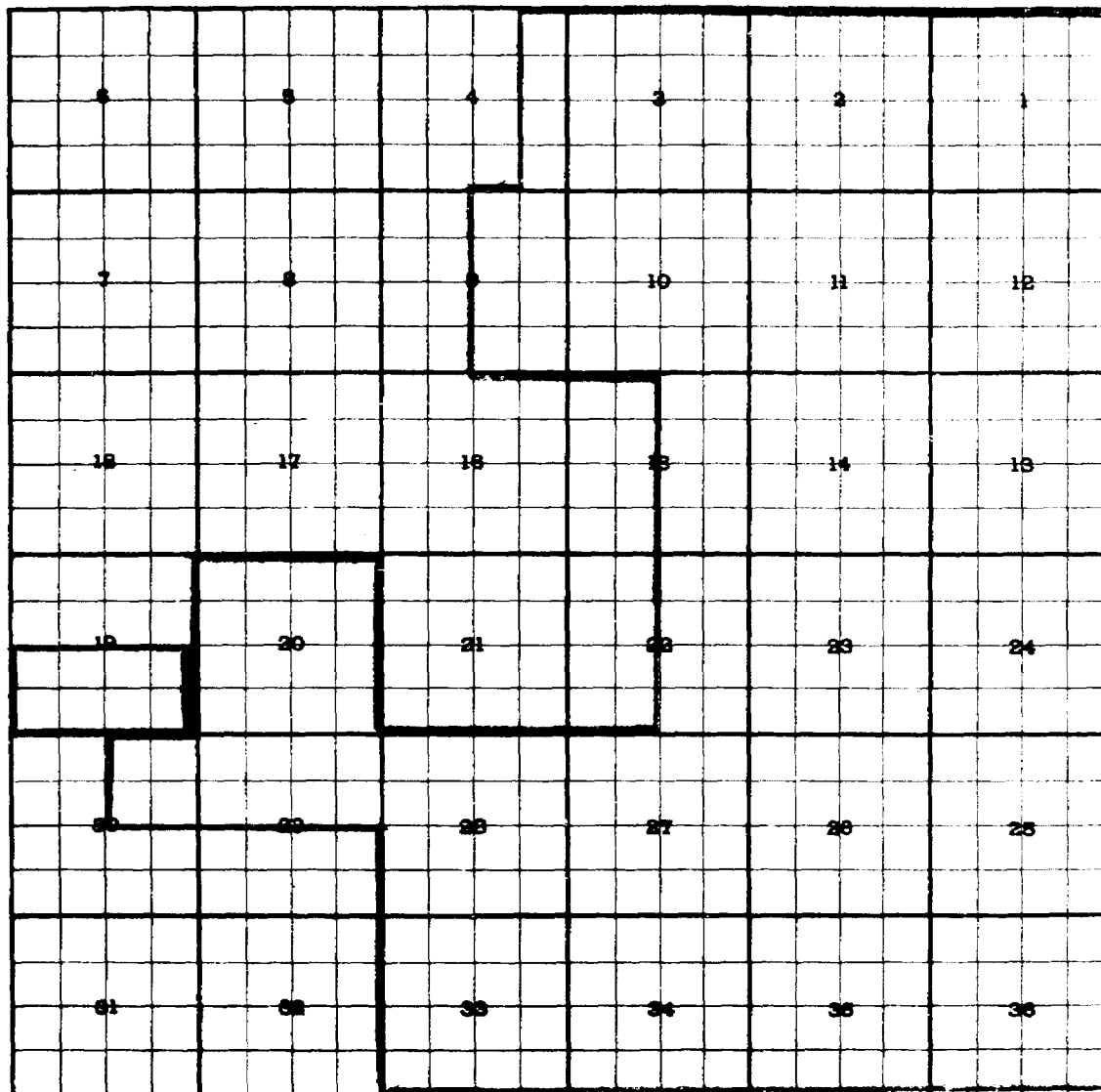
Proposed Extension: Colored in Green SE/4 of Sec. 24

Case 1105: (f) Extension of an existing pool

84/0

County LEA Pool EUMONT

TOWNSHIP 20 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: See Preceding Plat

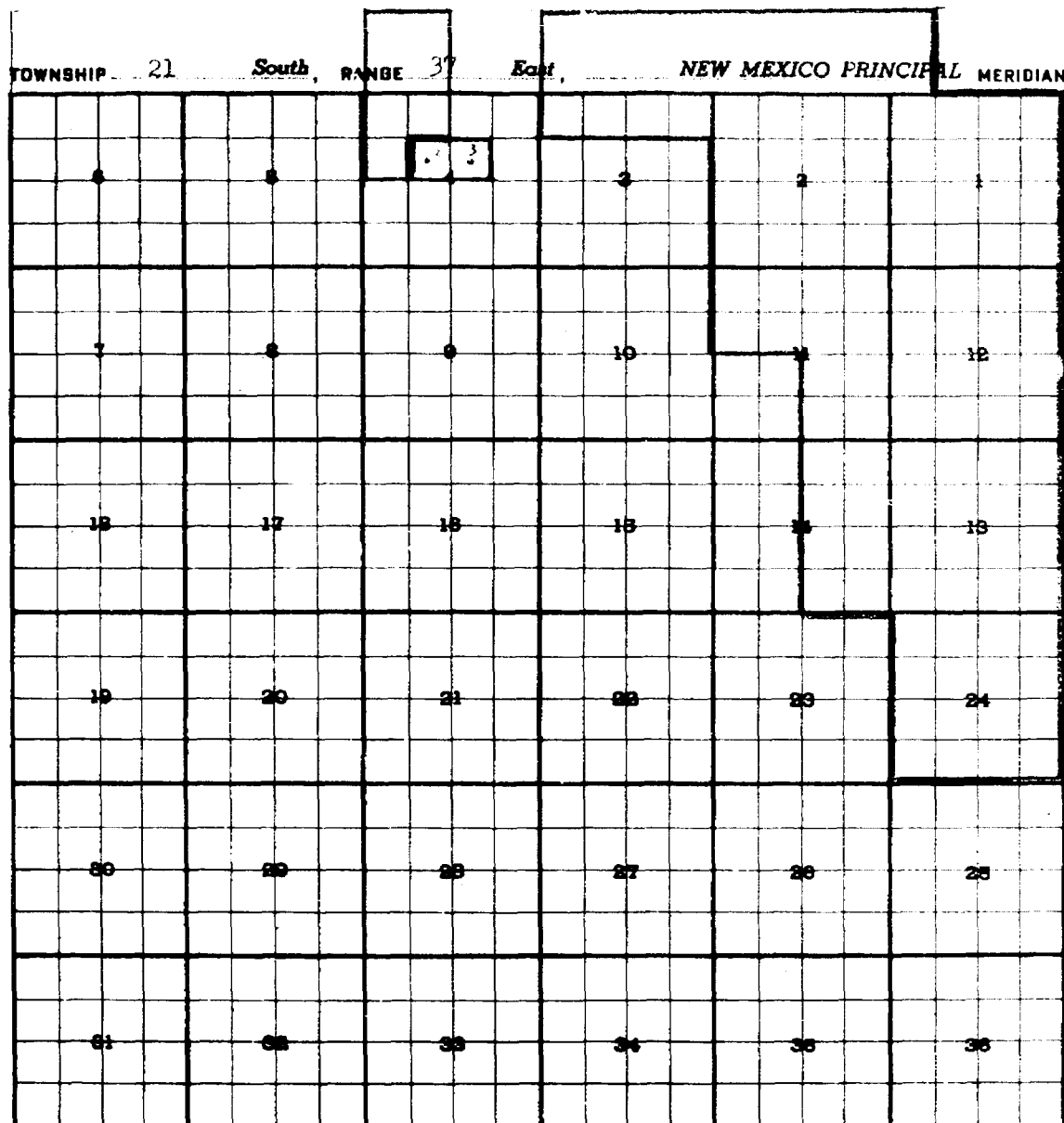
Existing Boundary: Colored in Red

Proposed Extension: Colored in Green S/2 of Sec. 19

Case 1105: (g) Extension of an existing pool

Q411

County LEA Pool TERRY BLINEBRY



Producing Formation: Blinebry Depth Range 5-6

Purpose: To extend the pool to include:

Western Oil Fields, Inc. Gulf Hill #2 in Unit N of 4-21-37

Comp. 4/17/56 in Blinebry Top Perf. 5740

Existing Boundary: Colored in Red

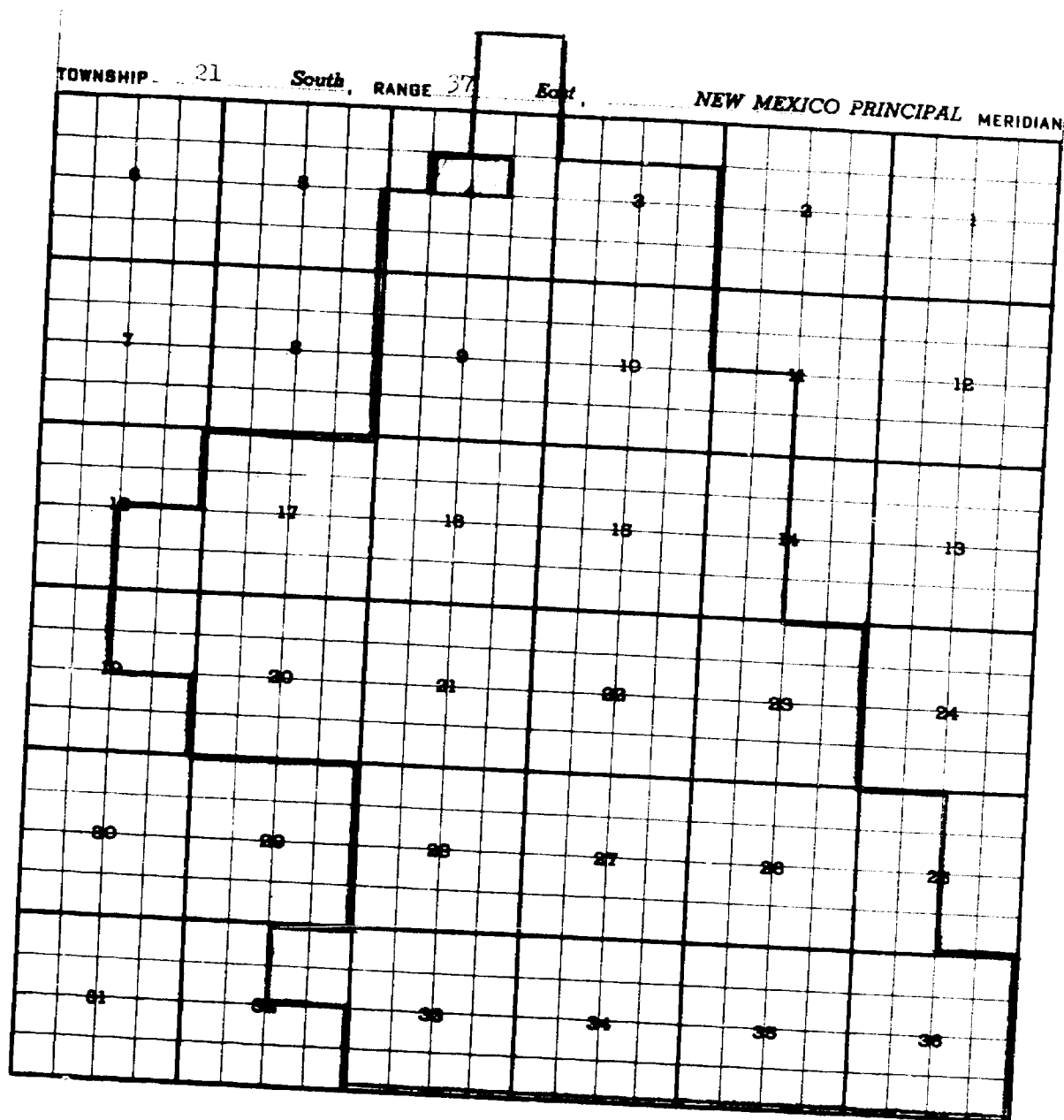
Proposed Extension: Colored in Green Lots 14 & 15 of Sec. 4

Western Oil Fields, Inc. Gulf Hill #3 in Unit O of 4-21-37

Comp. 4/25/56 in Blinebry Top Perf. 5740

21/12/83

County LEA Pool BLINEBRY GAS POOL



Producing Formation: Blinbry Depth Range

Existing Boundary: Colored in Red

Proposed Deletion: Colored in Green Lots 14 & 15 of Sec. 4

Purpose: To exclude because they are oil wells:

Western Oil Fields Inc. Gulf Hill #2 in Unit N of 4-21-37

Comp. 4/17/56 in Blinebry Top Perf. 5740

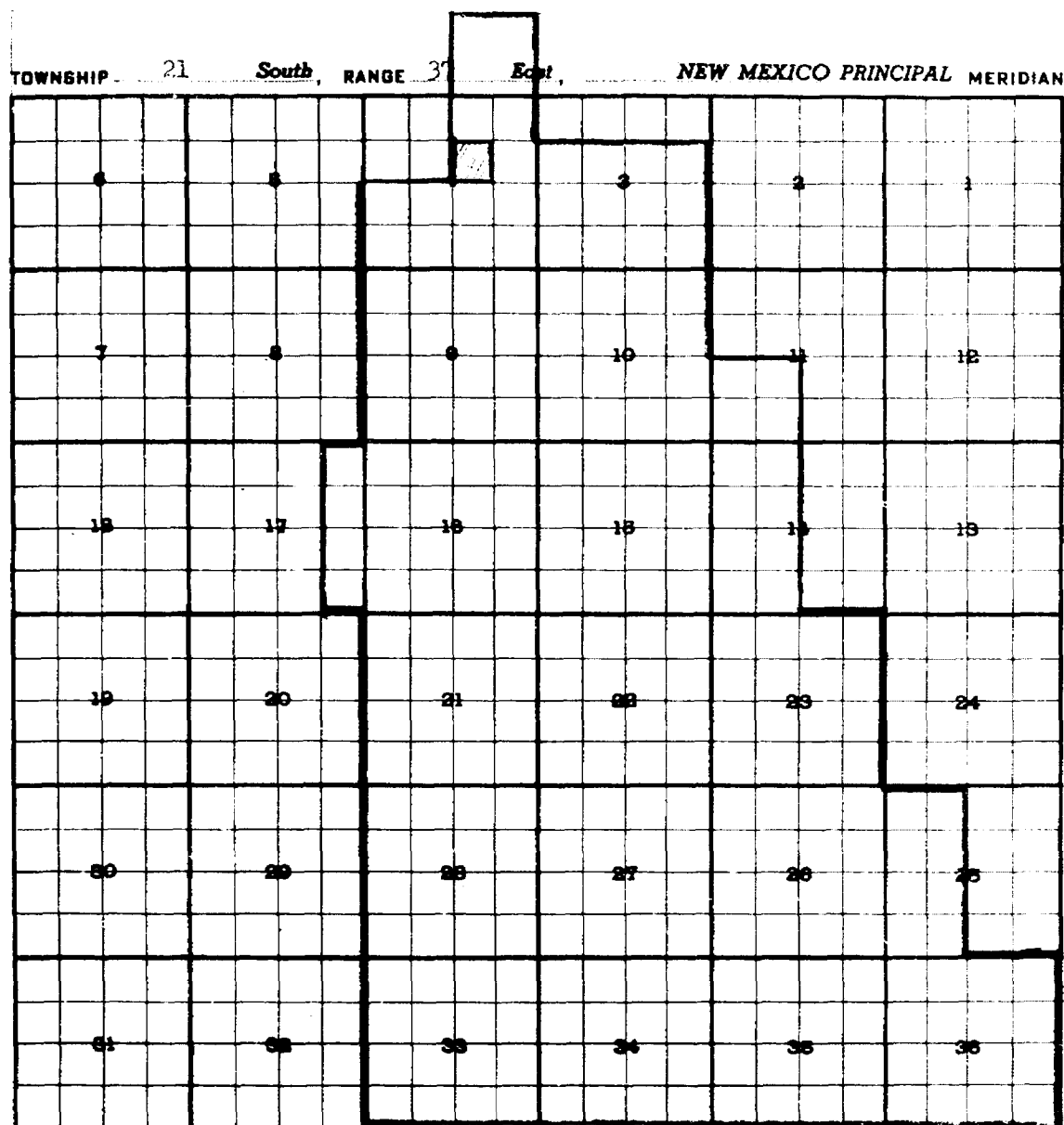
Western Oil Fields Inc., Gulf Hill #2 in Unit O of 4-21-37

Comp. 4/25/56 in Blinebry Top Perf. 5740

Case 1105: (i) Deletion from an existing pool

2113

County LEA Pool BLINEBRY OIL



Producing Formation: Blinebry

Existing Boundary: Colored in Red

Proposed Deletion: Colored in Green Lot 15 of Sec. 4

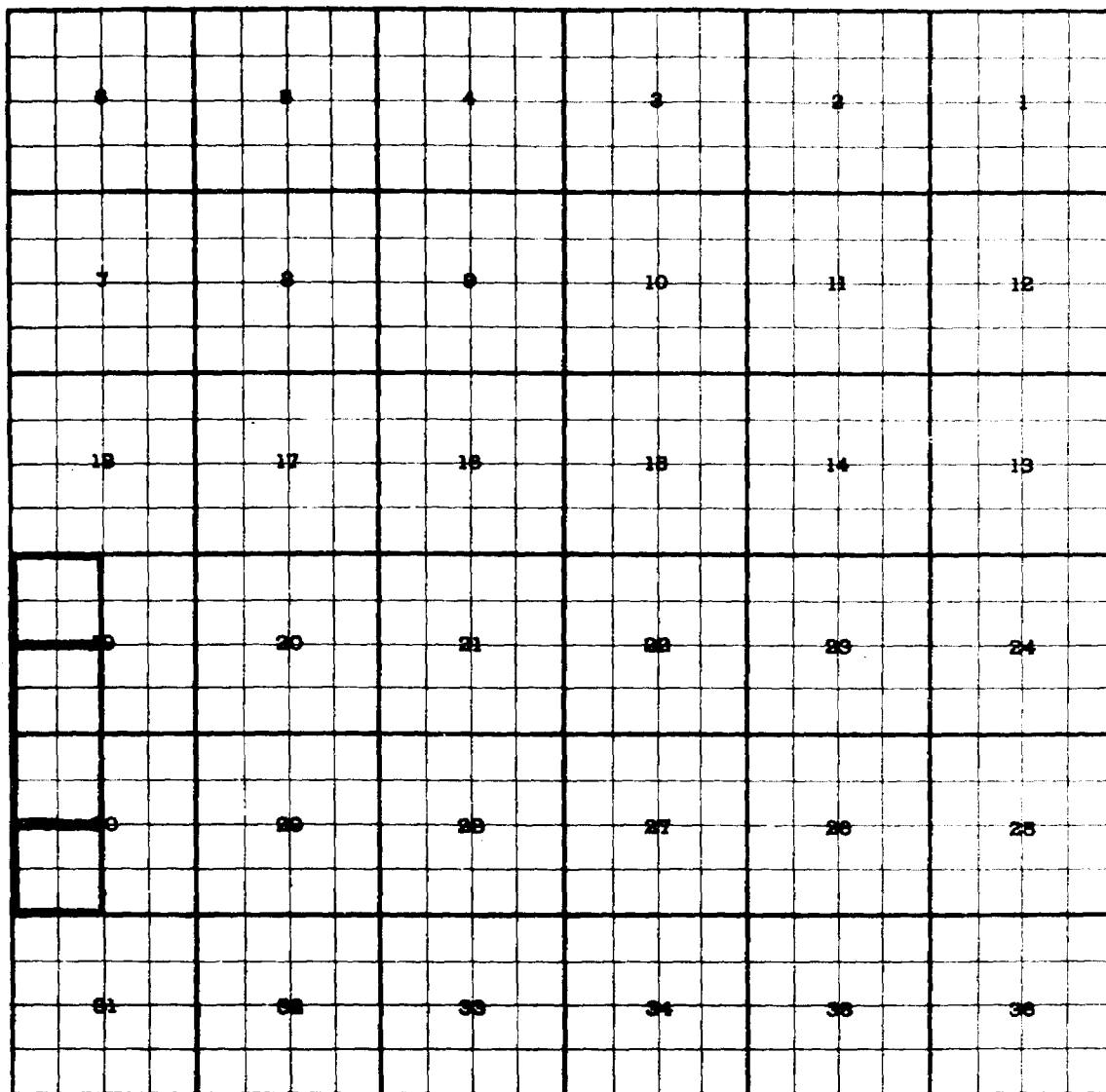
Purpose : That the Blinebry and Terry Blinebry Oil Pools will not overlap.

Case 1105: (j) Extension of an existing pool

8414

County LEA Pool NORTH-MASON DELAWARE

TOWNSHIP 26 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Delaware Depth Range: 0-5

Purpose: To extend the pool to include:

Continental Oil Co. Thompson Fed. 19 #1 in Unit E of 19-26-32

Comp. 7/8/56 in Delaware Top Perf. 4286

Existing Boundary: Colored in Red

Proposed Extension: Colored in Green NW/4 of Sec. 19, SW/4 of Sec. 30

OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

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, ~~Chaves~~ 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 extensions and creations 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 Chambers-Wolfcamp pool, and described as:

Twp. 15 South, Range 35 East
SW/4 of Section 26

and such other etc.

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

Twp. 11 South, Range 38 East
SE/4 of Section 27

and such other etc.

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

Twp. 13 South, Range 37 East
SE/4 of Section 35

and such other etc.

(d) Extend the Bagley Pennsylvanian Gas pool in Lea County, New Mexico to include therein:

Twp. 12 South, Range 33 East
NE/4 of Section 4

and such other etc.

(e) Extend the Eumont pool in Lea County, New Mexico to include therein:

Twp. 18 South, Range 37 East
S/2 of Section 33

Twp. 20 South, Range 35 East
SE/4 of Section 24

Twp. 20 South, Range 36 East
SW/4 of Section 19

and such other etc.

(f) Extend the Terry Blinbry pool in Lea County to include therein:

Twp. 21 South, Range 37 East
Lots 14 & 15 of Section 4

and such other etc.

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO

July 18, 1956

IN THE MATTER OF:

CASE NO. 1105

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
July 12, 1956

IN THE MATTER OF:

Southeastern New Mexico nomenclature case :
calling for the creation of new pools, the : Case 1105
extension of and the deletion of certain :
areas from existing pools in Lea and Eddy :
Counties, New Mexico. :
----- :

BEFORE:

Honorable John F. Simms, Jr.
Mr. E. S. (Johnny) Walker
Mr. A. L. Porter, Jr.

TRANSCRIPT OF HEARING

MR. PORTER: The meeting will come to order, please. The
first case to be considered will be Case 1105.

(Mr. John Gurley, Attorney for the
Oil Conservation Commission, read
the title of the within case)

(The witness, Mr. Randall Montgomery,
sworn by Mr. Walker)

DIRECT EXAMINATION

BY MR. GURLEY:

Q Will you state your name, please?

A Randall Montgomery.

Q What is your position, Mr. Montgomery?

A Geologist, New Mexico Oil Conservation Commission.

Q And you have qualified as an expert before this Commission
before?

A Yes, sir, I have.

Q Mr. Montgomery, in your official capacity as a geologist, have you had an opportunity to study the proposed creation of a new oil pool for Wolfcamp production designated as the Chambers-Wolfcamp Pool and described as Township 15 South, Range 35 East?

A Yes, sir, I have prepared an Exhibit, which is marked Exhibit 1, and the purpose for creating the pool is the discovery of Atlantic Daisy Chambers No. 1 in unit K of Section 26-15-35 completed 11-27-55 in the Wolfcamp formation. The top of the perforation is 10,581.

Q In your official capacity have you had an opportunity to study the proposed creation of a new oil pool for Wolfcamp production designated as the Field-Ranch-Wolfcamp Pool?

A Yes, sir, I have. The purpose of the creation was the recent completion of the Union Elliott Federal No. 1 in Unit O Township 11 South, Range 33 East, completed on April 27, 1956 in the Wolfcamp. The top of the perforation was 9,466 feet, and I recommend it to be created as advertised. This is marked Exhibit 2.

Q And have you made a study of the proposed creation of a new oil pool for Devonian production designated as the King-Devonian Pool?

Q Yes, sir, I have, and recommend that it be granted as advertised. This was due to the recent discovery by Cabot Carbon Company Howard Fleet No. 1 in Unit 1 of Section 35, Township 13 South, Range 37 East, which was completed March 11, 1956. The top perforation was 12,451 feet. I have marked it as Exhibit 3.

Q Have you in your official capacity made a study of the

proposed extension of the Bagley Pennsylvanian Pool to include Township 12 South, Range 36 East, Section 1 NW/4?

A Yes, sir, and that is the Bagley gas pool, and I recommend that the pool be extended as advertised. I have marked this Exhibit 4.

Q Have you made a study of the proposed deletion of an existing pool in the Bagley Pennsylvanian formation?

A Yes, sir, and I recommend that it be deleted as advertised and I have marked this Exhibit 5.

Q Have you made a study of the proposed extension of the Eumont Pool?

A Yes, sir, and I recommend that it be extended as advertised and also the SW/4 of Section 11, Township 19 South, Range 36 East, and the W/2 of Section 10, Township 19 South, Range 37 East, and also the E/2 NW/4 of Section 35, Range 37 East. I have marked those Exhibits 6, 7, 8, 9 and 10.

Q Did you prepare these Exhibits yourself?

A They were prepared under my supervision.

Q And have you made a study of the proposed extension of the Terry Blinebry Pool?

A Yes, sir, I have. I recommend that the pool be extended as advertised and I have marked that Exhibit 11.

Q Have you made a study of the proposed deletion from the Blinebry gas pool?

A I have and I recommend that it be deleted as advertised and I have prepared Exhibit 12 for that section.

Q Have you made a study in your official capacity of the proposed deletion from the Blinebry oil pool?

A I have, and I recommend that it be deleted as advertised as indicated on Exhibit 13.

Q Have you made a study of the proposed extension of the North-Mason Delaware pool?

A Yes, I have, and I recommend the extension as advertised on Exhibit 14.

Q Have you anything further to offer, Mr. Montgomery?

A Not in this case.

MR. GURLEY: I move that the Commission admit Exhibits 1 to 14.

MR. PORTER: Without objection, they will be admitted.

FOSTER MORRELL: Foster Morrell, Hobbs, New Mexico. I have a question. Under Item D and E of the Bagley Pennsylvanian Pool, Item D states that the extension of the Bagley Pennsylvanian Pool for the NE/4 of Section 4, Township 12 South, Section 33 East, and Item E says the deletion of the Bagley Pennsylvanian Pool of the E/2 of Section 4 -- which comes first?

A Well, the deletion of the Bagley Pennsylvanian Oil Pool would probably come first, I don't know, one is gas and one is for the oil.

MR. NUTTER: Paragraph D should read Bagley Pennsylvanian Oil Pool.

MR. MORRELL: It doesn't say, and I wanted to clear up the record.

A I explained it in the testimony when I testified.

MR. MORRELL: It is satisfactorily explained in your testimony?

A Yes, sir.

MR. PORTER: Yes, you indicated it was a gas pool in your testimony. Are there any other questions of Mr. Montgomery. If not the witness may be excused and we will move on to Case 1171.

REPORTER'S CERTIFICATE

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

I, DOROTHY B. MYERS, a court reporter, do hereby certify that the foregoing and attached transcript of proceedings before the Oil Conservation Commission of the State of New Mexico, was reported by me in shorthand and reduced to typewritten transcript by me or under my supervision, and that the same is a true and complete record of said proceedings, to the best of my knowledge, skill and ability.

WITNESS my hand and seal this 10th day of August, 1956.

Dorothy B. Myers
COURT REPORTER