

CASE 3417:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number

3417

Application
Transcripts.

Small Exhibits

ETC.

THE UNITED STATES DEPARTMENT OF JUSTICE
CALIFORNIA DISTRICT ATTORNEY
COMMUNICATIONS SECTION
THE DISTRICT ATTORNEY'S OFFICE
GENERAL INVESTIGATION

THE APPLICATION OF THE NEW MEXICO CONSERVATION COMMISSION FOR ITS OWN MOTION FOR AN ORDER CREATING, CONTRACTING, PURCHASING AND HORIZONTAL LOTS, AND EXTENDING CERTAIN RIGHTS IN CHAVES, EDDY, LEB, AND GOULDSBORO COUNTIES, NEW MEXICO.

BY THE COMMISSION:

NOT, on this 16th day of June, 1934, 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,

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

[illegible][illegible]

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CASE No. 3417

Order No. R-3080

(4) That there is need for the contraction of the vertical limits of the Bunker Hill-Queen Pool in Eddy County, New Mexico, to include only the Penrose formation and redesignate said pool as Bunker Hill-Penrose Pool.

(5) That there is need for the contraction of the vertical limits of the West Mesa-Queen Gas Pool in Eddy County, New Mexico, to include only the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool.

(6) That there is need for the deletion of certain acreage from the Bunker Hill-Hawthorn-Gardens Pool in Eddy County, New Mexico, in order that said acreage can be added to the Crawford-Jackson Pool.

(7) That there is need for certain additions to the Chavesco-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, the Big Eddy-Strawn Pool, the Graydon-Jackson Pool, the West Mesa-Queen Gas Pool, and the Winchester-Hollister Pool, all in Eddy County, New Mexico, the South Robinson-Cliftonville Pool, the Grama Ridge-Morrow Gas Pool, the Inbe-Pennsylvanian Pool, the Rustis-Montoya Pool, the Lazy J-Pennsylvanian Pool, and the East Mesa-Delaware Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the South Lumbia-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NEMH
SECTION 28: NW/4

(b) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Golden Eagle-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 2 NORTH, RANGE 33 EAST, NEMH
SECTION 11: NW/4

(c) That the vertical limits of the Bunker Hill-Queen Pool in Eddy County, New Mexico, be limited only to the Penrose formation and redesignate said pool as Bunker Hill-Penrose Pool.

(d) That the vertical limits of the West Mesa-Queen Gas Pool in Eddy County, New Mexico, be limited only to the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool.

(e) That the West Mesa-Queen Gas Pool in Eddy County, New Mexico, be reformed and redesignated, as a Morrow pool, in order that it may be included therein.

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CASE No. 3417
COURT No. 2-3120

(c) Continued:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, TMM
SECTION 13: SW/4
SECTION 14: NE/4

(f) That the Lost Hills Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

(h) That the South Brunson-Ellenburger Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMM
SECTION 32: S/2

(i) That the Chavero-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMM
SECTION 13: SW/4
SECTION 24: SE/4
SECTION 25: NE/4
SECTION 26: NE/4
SECTION 30: SE/4
SECTION 30: NW/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMM
SECTION 13: SW/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMM
SECTION 13: SW/4
SECTION 14: SE/4
SECTION 15: NE/4
SECTION 16: NE/4
SECTION 17: SE/4
SECTION 18: SE/4
SECTION 19: SE/4

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CASE No. 3417
Order No. R-3080

(j) That the Grana Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: All

(k) That the Inbe-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 13: SE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: E/2

(l) That the Justis-Montoya Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(m) That the Lazy J-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: NE/4

(n) That the East Mason-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4
SECTION 21: NW/4

(o) That the Winchester-Holicamp Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 20 EAST, NMPL
SECTION 2: E/2 NE/4

(p) That the 1st Why-Stem Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 20 EAST, NMPL
SECTION 1: E/2

Order No. R-3080

IT IS HEREBY ORDERED:

That the effective date of this order and all provisions thereof shall be July 1, 1937.

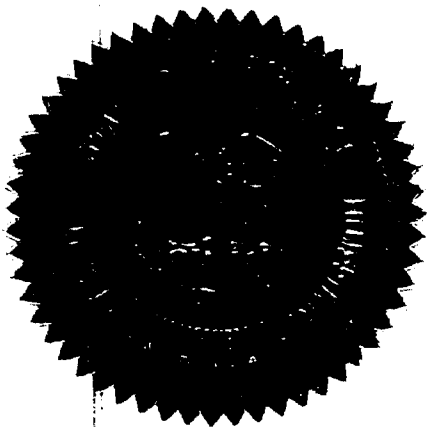
DONE at Santa Fe, New Mexico, on the day and year hereinafore designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

Rayton B. Hay
RAYTON B. HAY, Member

A. L. Forster, Jr.
A. L. FORSTER, Jr., Member & Secretary



Docket No. 15-66

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 15, 1966

OIL CONSERVATION COMMISSION - 9 A.M., MORGAN HALL, STATE LAND OFFICE
BUILDING, SANTA FE, NEW MEXICO

- ALLOWABLE:
- (1) Consideration of the oil allowable for July, 1966.
 - (2) Consideration of the allowable production of gas for July, 1966, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for July, 1966, also presentation of purchasers' nominations for the six-month period beginning August 1, 1966, for that area.

CASE 3417: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Eddy, Lea, Chaves, and Roosevelt Counties, New Mexico:

a) CREATE A new gas pool for Strawn production designated as the South Corbin-Morrow Gas Pool. The discovery well is L. R. French, Jr., Aztec Uncle No. 1, located in Unit C of Section 28, Township 18 South, Range 33 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 28: NW/4

b) CREATE A new gas pool for Morrow production designated as the Golden Eagle-Morrow Gas Pool. The discovery well is The Atlantic Refining Company, Pure Federal No. 1, located in Unit K of Section 11, Township 21 South, Range 25 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 11: All

c) CONTRACT the vertical limits of the Bunker Hill-Queen Pool to include only the Penrose formation and redesignate said pool as Bunker Hill-Penrose Pool.

d) CONTRACT the vertical limits of the West Mesa-Queen Gas Pool to include only the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool.

e) EXTEND the West Mesa-Queen Gas Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 13: SW/4

f) CONTRACT the Loco Hills Grayburg-San Andres Pool by deletion of the area described as:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

JUNE 15, 1966, REGULAR HEARING

- g) EXTEND the Grayburg-Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

- h) EXTEND the South Brunson-Ellenburger Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: S/2

- i) EXTEND the Chaveroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM
SECTION 24: SE/4
SECTION 25: NE/4

Sec 15: NW/4
26: NW/4
30: NW/4
36: NW/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NE/4
SECTION 5: NW/4
SECTION 9: E/2
SECTION 16: NE/4

Sec 6: NW/4
16: S/2
17: E/2

- j) EXTEND the Grama Ridge-Morrow Gas Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: All

- k) EXTEND the Inbe-Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: E/2

- l) EXTEND the Justis-Montoya Pool to include therein:

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

- m) EXTEND the Lazy J-Pennsylvanian Pool to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: NE/4

- n) EXTEND the East Mason-Delaware Pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4
SECTION 21: NW/4

- o) EXTEND the Winchester-Wolfcamp Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: W/2 NE/4

- p) EXTEND the Big Eddy-Strawn Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
SECTION 30: N/2

Memo

From

J. E. KAPTEINA
ENGINEER

To

Deleted area in paragraph (d)
added to pool covered in paragraph (h)

JUNE 15, 1966, REGULAR HEARING

- g) EXTEND the Grayburg-Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

- h) EXTEND the South Brunson-Ellenburger Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: S/2

- i) EXTEND the Chaveroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM
SECTION 24: SE/4
SECTION 25: NE/4

Sec 13: S/2
26: NE/4
30: SE/4
36: NW/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM

SECTION 3: NE/4
SECTION 5: NW/4
SECTION 9: E/2
SECTION 16: NE/4

Sec 6: N/2
16: S/2
17: E/2

- j) EXTEND the Grama Ridge-Morrow Gas Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: All

- k) EXTEND the Inbe-Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: E/2

- l) EXTEND the Justis-Montoya Pool to include therein:

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

- m) EXTEND the Lazy J-Pennsylvanian Pool to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: NE/4

- n) EXTEND the East Mason-Delaware Pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4
SECTION 21: NW/4

- o) EXTEND the Winchester-Wolfcamp Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: W/2 NE/4

- p) EXTEND the Big Eddy-Strawn Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
SECTION 30: N/2

NOTICE OF ADVERTISEMENT FOR JUNE, 1966

CASE 34-2

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 in Eddy and Lea Counties, New Mexico, the deletion of an existing pool in Eddy County, New Mexico, the contraction of vertical limits of existing pools in Eddy County, New Mexico, and the extension of certain existing pools in Chaves, Eddy, Lea, and Roosevelt 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, deletions, contractions of vertical limits, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the South Corbin-~~Strawn~~ ^{Morrow} Gas Pool. The discovery well is L. R. French, Jr., Aztec Uncle No. 1, located in Unit C of Section 28, Township 18 South, Range 33 East, NMPM. Said pool described as:

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 28: NW/4 ✓

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Golden Eagle-Morrow Gas Pool. The discovery well is The Atlantic Refining Company, Pure Federal No. 1, located in Unit K of Section 11, Township 21 South, Range 25 East, NMPM. Said pool described as:

✓ TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 11: All ✓

✓ c) CONTRACT the vertical limits of the Bunker Hill-Queen Pool in Eddy County, New Mexico, to include only the Penrose Formation and redesignate said pool as Bunker Hill-Penrose Pool. ✓

d) ^{Contract} ~~DELETE~~ the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, ^{by deletion of} the area described as:

✓ TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2 ✓

e) EXTEND the South Brunson-Elzenburger Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM
SECTION 32: S/2 ✓

f) EXTEND the Chavero-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, to include therein:

✓ TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM
SECTION 24: SE/4
SECTION 25: NW/4 ✓

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4
SECTION 5: NE/4
SECTION 9: E/2
SECTION 16: NE/4

June, 1966 Nomenclature

g) EXTEND the Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPN
SECTION 34: All ✓

e) h) EXTEND the Grayburg-Jackson Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPN
SECTION 31: S/2 SE/4 ✓
SECTION 32: S/2 S/2

i) EXTEND the Inbe-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPN
SECTION 7: E/2 ✓

j) EXTEND the Justis-Montoya Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPN
SECTION 25: SE/4 ✓

k) EXTEND the Lazy J-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPN
SECTION 35: NE/4 ✓

l) EXTEND the East Mason-Delaware Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPN
SECTION 20: NE/4 ✓
SECTION 21: NW/4

m) EXTEND the West Mesa-Queen Gas Pool in Eddy County, New Mexico, to include therein: ✓

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPN
SECTION 13: SE/4

n) CONTRACT the vertical limits of the West Mesa-Queen Gas Pool to include only the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool. ✓

o) Extend the Winchester-Wellicamp Pool in Eddy County, New Mexico, to include therein: ✓

✓ Township 20 South, Range 38 East, NMPN
Section 2 NW/4

(p) Extend the Big Eddy Strawn Pool in Eddy County, New Mexico, to include therein: ✓

✓ Township 20 South, Range 31 East, NMPN
Section 30 N/2

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 15, 1966

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature case
calling for an order for the creation,
contraction, and extension of certain
pools in Eddy, Lea, Chaves, and
Roosevelt Counties, New Mexico.

Case No. 3417

BEFORE: Mr. A. L. (Pete) Porter
Governor Jack Campbell

TRANSCRIPT OF HEARING

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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MR. PORTER: We will take up Case 3417.

(Witness sworn.)

DAN NUTTER

called as a witness, having been first duly sworn on oath, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q Mr. Nutter, will you state your name and position for the record, please?

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in Eddy, Lea, Chaves, and Roosevelt Counties, New Mexico?

A Yes, I am.

Q Are your recommendations prepared in the form of an exhibit?

A Yes, they are. This is identified as Oil Conservation Commission Exhibit No. 1 in Case 3417.

(Whereupon, Commission Exhibit No. 1 marked for identification.)

Q Will you please refer to this exhibit and to the docket that has been prepared and distributed at this hearing, and point out any substantial difference between the two?

A The creation, contraction, and extension of the



pools as illustrated in Exhibit No. 1 is identical to those shown on the docket which was distributed at the hearing, with the following exceptions:

The West Mesa-Queen Gas Pool is extended to include the portion shown on the docket, the Southwest Quarter of Section 13 of Township 16 South, Range 31 East, and also the Northeast Quarter of Section 14, the same township. That is in Paragraph (e).

The Chaveroo-San Andres Pool is extended to include the acreage shown in Paragraph (i) on the docket, and also the following acreage: In Township 7 South, Range 33 East, Section 13, the Southwest Quarter; Section 26, the Northeast Quarter; Section 30, the Southeast Quarter; and Section 36, the Northwest Quarter. The pool is extended to include the acreage shown on the docket in Township 8 South, Range 33 East, and also the following acreage in the same township: Section 6, the North Half; Section 16, the South Half; Section 17, the East Half. The Chaveroo-San Andres Pool is also extended to include the Northeast Quarter of Section 1 in Township 8 South, Range 32 East.

The other extensions are as shown on the docket with the following exception:

Paragraph (k), the Inbe-Pennsylvanian Pool is extended to include the portion shown on the docket, being

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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the East Half of Section 7, Township 11 South, Range 34 East, and also the Southeast Quarter of Section 13, Township 11 South, Range 33 East. Otherwise it's identical.

I recommend that the various pools be created, extended, and contracted as shown.

Q Do you have anything further to add to your testimony?

A No, sir.

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Nutter, does Mr. Runyan, the geologist at Hobbs, supply you with a list of the wells that are to be included in these various extensions?

A He formerly did not. I notice that in the extension for the Chaveroo Pool, particularly, this month there's a list. I'm not sure there is such a list for each pool.

Q Well, Chaveroo is what I'm primarily interested in at the moment.

A There is such a list for that pool, Mr. Porter.

Q How many wells does that involve?

A There are approximately twenty-four wells on the list this month.

Q Twenty-four wells. And presumably those wells have been created or brought on for consideration since last month's hearing?



A Since the last extension to the pool. I am just not sure when we had the last extension.

Q That was last month.

A As fast as development is going on, I imagine this is on every month.

Q You also have an extension of Big Eddy-Strawn?

A Yes, North Half of Section 30.

Q Perhaps that would be for the Bass well.

A I believe that is the well that this is for.

MR. PORTER: Does anyone else have any questions?

By GOVERNOR CAMPBELL:

Q Do you know approximately how many wells there are in the Chaveroo Pool now?

A No, I don't, and I don't have the proration schedule with me.

Q It is not critical. I was interested in the number of wells there are.

A I would say close to 100 wells.

MR. PORTER: I would say close to 150.

A We had one company bring in a batch of 43 locations in one day.

MR. HATCH: Was Exhibit 1 prepared by you or under your supervision?

A Yes, under my supervision.



MR. HATCH: I would like to move the introduction of Exhibit 1 at this time.

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

(Whereupon, Commission Exhibit No. 1 entered in evidence.)

MR. PORTER: Governor, in connection with the number of wells, at the first of June there appeared to be 123 wells within the designated limits of the Chaveroo Pool. I am sure there's a considerable number that hadn't been taken in at that time. It must be approaching 150 wells.

GOVERNOR CAMPBELL: Thank you.

MR. PORTER: If there are no further questions of the witness, he may be excused.

(Witness excused.)

MR. PORTER: Anything else to be offered in Case 3417? If not, the Commission will take the case under advisement and the hearing is adjourned.

* * * *



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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
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STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

I, ADA DEARNLEY, Notary Public - Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 16th day of June, 1966.

Ada Dearnley
NOTARY PUBLIC - COURT REPORTER

My Commission Expires:
June 19, 1967.

CASE 3417: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Eddy, Lea, Chaves, and Roosevelt Counties, New Mexico:

a) CREATE A new gas pool for Strawn production designated as the South Corbin-Morrow Gas Pool. The discovery well is L. R. French, Jr., Aztec Uncle No. 1, located in Unit C of Section 28, Township 18 South, Range 33 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 28: NW/4

b) CREATE A new gas pool for Morrow production designated as the Golden Eagle-Morrow Gas Pool. The discovery well is The Atlantic Refining Company, Pure Federal No. 1, located in Unit X of Section 11, Township 21 South, Range 25 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 11: All

c) CONTRACT the vertical limits of the Bunker Hill-Queen Pool to include only the Penrose formation and redesignate said pool as Bunker Hill-Penrose Pool.

d) CONTRACT the vertical limits of the West Mesa-Queen Gas Pool to include only the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool.

e) EXTEND the West Mesa-Queen Gas Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 13: SW/4

ADDITION-----SECTION 14: NE/4

f) CONTRACT the Loco Hills Grayburg-San Andres Pool by deletion of the area described as:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

g) EXTEND the Grayburg-Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: S/2 SE/4
SECTION 32: S/2 S/2

h) EXTEND the South Brunson-Ellenburger Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: S/2

i) EXTEND the Chaveroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM
SECTION 24: SE/4
SECTION 25: NE/4

ADDITIONS-----SECTION 13: SW/4
SECTION 26: NE/4
SECTION 30: SE/4
SECTION 36: NE/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NE/4
SECTION 5: NW/4
SECTION 9: E/2
SECTION 16: NE/4

ADDITIONS-----SECTION 6: N/2
SECTION 16: S/2
SECTION 17: E/2

ADDITION-----TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: NE/4

j) EXTEND the Grama Ridge-Morrow Gas Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: All

k) EXTEND the Inbe-Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: E/2

ADDITION-----TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 13: SE/4

l) EXTEND the Justis-Montoya Pool to include therein:

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

m) EXTEND the Lazy J-Pennsylvanian Pool to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: NE/4

n) EXTEND the East Mason-Delaware Pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4
SECTION 21: NW/4

o) EXTEND the Winchester-Wolfcamp Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: W/2 NE/4

p) EXTEND the Big Eddy-Strawn Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
SECTION 30: N/2

SECTION 5: NW/4
SECTION 9: E/2
SECTION 16: NE/4

j) EXTEND the Grama Ridge-Morrow Gas Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: All

k) EXTEND the Inbe-Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 7: E/2

l) EXTEND the Justis-Montoya Pool to include therein:

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

m) EXTEND the Lazy J-Pennsylvanian Pool to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: NE/4

n) EXTEND the East Mason-Delaware Pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
SECTION 20: NE/4
SECTION 21: NW/4

o) EXTEND the Winchester-Wolfcamp Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: W/2 NE/4

p) EXTEND the Big Eddy-Strawn Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
SECTION 30: N/2

BUILDING, SANTA FE, NEW MEXICO

- ALLOWABLE:
- (1) Consideration of the oil allowable for July, 1966.
 - (2) Consideration of the allowable production of gas for July, 1966, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from pools

CASE 3417: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Eddy, Lea, Chaves, and Roosevelt Counties, New Mexico:

or., Aztec Uncle No. 1, located in Unit C of Section 28, Township 18 South, Range 33 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 28: NW/4

as, Township 21 South, Range 25 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
SECTION 11: All

- c) CONTRACT the vertical limits of the Bunker Hill-Queen Pool to include only the Penrose formation and redesignate said pool as Bunker Hill-Penrose Pool.
- d) CONTRACT the vertical limits of the West Mesa-Queen Gas Pool to include only the Upper Queen formation and redesignate said pool as West Mesa-Upper Queen Gas Pool.
- e) EXTEND the West Mesa-Queen Gas Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 13: SW/4

- f) CONTRACT the Loco Hills Grayburg-San Andres Pool by deletion of the area described as:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the SOUTH CORBIN-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (a), Exhibit I

Discovery well was L. R. French, Jr. - Aztec Uncle #1 located in Unit C Section 28 Township 18 Range 33 and was completed on November 10, 1965 with an initial potential of 56 BOPD/MCFGPD. Top of perforations is at 13,170 feet.

- b) It is recommended that a new gas pool be created and designated as the GOLDEN EAGLE-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (b), Exhibit I

Discovery well was The Atlantic Refining Company - Pure Federal #1 located in Unit K Section 11 Township 21 Range 25 and was completed on December 27, 1965 with an initial potential of 56 BOPD/MCFGPD. Top of perforations is at 9995 feet.

It is recommended that a new pool be created and designated as the Pool.

Vertical limits to be the formation and the horizontal limits should be as follows:

Discovery well was located in Unit Section Township Range and was completed on with an initial potential of BOPD/MCFGPD. Top of perforations is at feet.

CASE 3417: (a) CREATION OF A NEW GAS POOL

COUNTY LEA POOL SOUTH CORBIN-NORROW GAS

TOWNSHIP 18 South			RANGE 33 East			NM1M		
6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
19	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

PURPOSE: One completed gas well capable of producing.

L. R. FRENCH, JR. - Aztec Uncle #1 in Unit G of Section 28-18-33. Completed in Morrow on November 10, 1965. Top of Perforations 13,170'.

Proposed pool boundary colored in red. SECTION 28: NW/4

CASE 3417: (b) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL

Golden Eagle-Morrow Gas

TOWNSHIP	21S	RANGE	25E	NMPM		
	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Discovery Well: Atlantic Richfield Co., Pure Fed. No. 1 in unit K of Section 11-21-25. Completed in Morrow, December 27, 1965, Through perforations 9995 to 10367'.

Proposed pool boundary colored in green. Section 11: All

CASE 3417: (c) CONTRACTION OF VERTICAL LIMITS AND REDESIGNATION OF AN EXISTING OIL POOL
Bunker Hill-Queen change to

COUNTY	Eddy	POOL	Bunker Hill-Penrose		
TOWNSHIP	16	RANGE	31	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

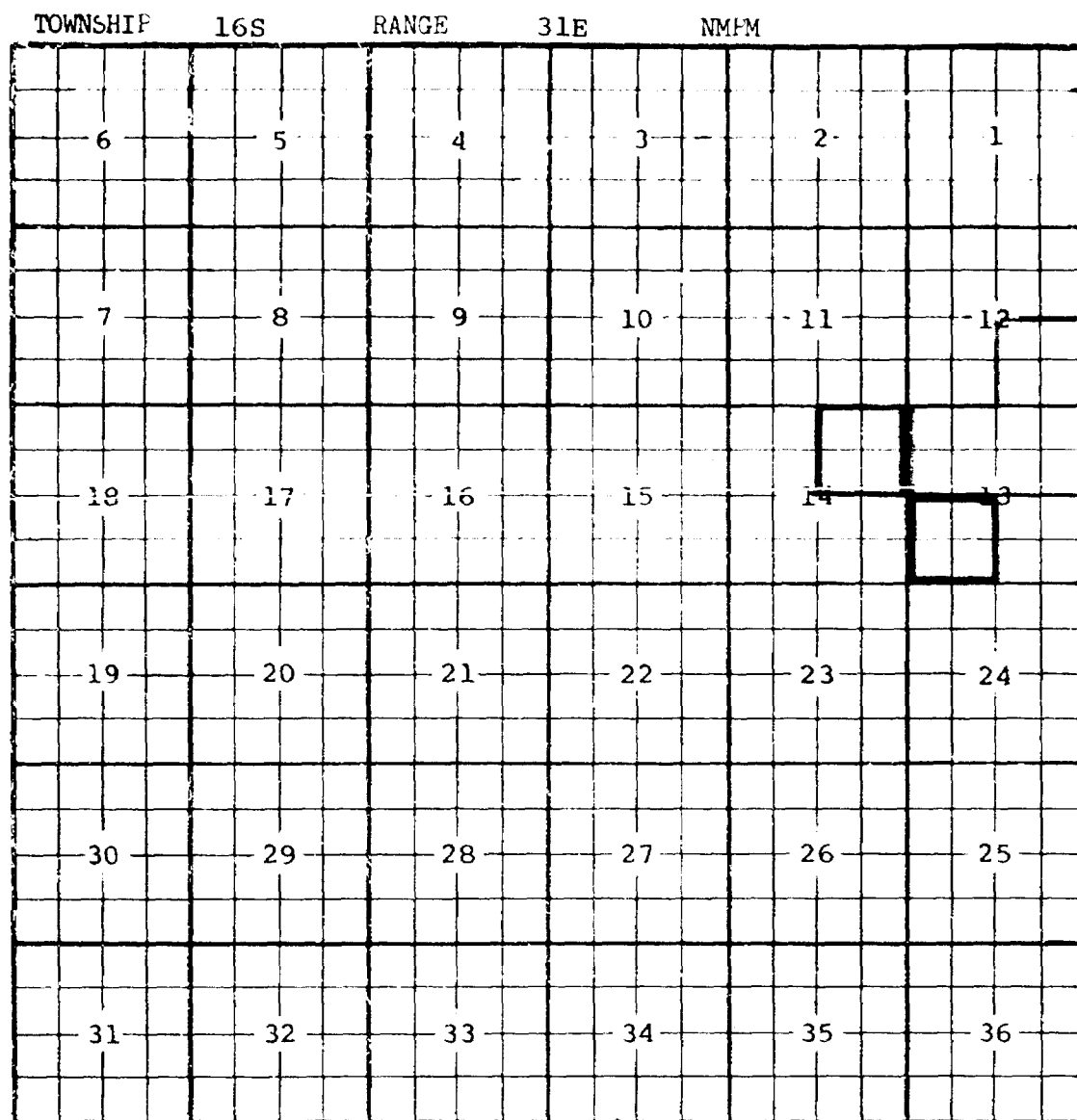
Purpose: To contract the vertical limits of the pool from Queen to Penrose due to the dual completion of one well.

Charles B. Read, Bogle Farms #1 in unit L. of Section 13-16-31.
Completed in Penrose, November 19, 1964, through perforations
3605' to 3629'. Dually completed in Upper-Queen gas March 24, 1966.

Pool boundary colored in red. Sec. 13: NW/4 SW/4

CASE 3-417: (d) and (e) CONTRACTION OF VERTICAL LIMITS, REDESIGNATION, AND EXTENSION OF AN
EXISTING GAS POOL

COUNTY Eddy POOL West Mesa-Queen Gas change to West Mesa-Upper Queen Gas Pool



Purpose: Two completed gas wells capable of producing and to contract the vertical limits of the pool from Queen to Upper-Queen due to the dual completion of one well.

Charles B. Read, Bogle Farms No.1 in unit L of section 13-16-31. Completed in Upper-Queen March 24, 1966, through perforations 3332' to 3343'. Dually completed in Penrose oil March 24, 1966.
Charles B. Read, Bogle Farms No.3 in unit G of section 14-16-31. Completed in Upper-Queen May 24, 1966, through perforations 3319' to 3330'.

Pool boundary colored in red.

Section 12: SE/4

Section 13: N/2

Proposed extensions colored in green.

Section 13: SW/4

Addition Section 14: NW/4

Deletion CASE 3417: (C) DELETION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Loco Hills

TOWNSHIP	17S	RANGE	29E	NM1-M	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: Contract the Loco Hills Pool and extend the Grayburg Jackson Pool in order that all wells in the "Old Loco Unit" may be in the same pool.

Pool boundary colored in red.
Proposed deletion colored in blue.

Section 31: S/2 SE/4

Section 32: S/2 S/2

CASE 3417: (P) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Eddy		POOL	Grayburg Jackson	
TOWNSHIP	17S		RANGE	29E	NMFM
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: To include acreage deleted from the Loco Hills Pool.

Pool boundary colored in red.

Proposed extension colored in green.

Section 31: S/2 SE/4

Section 32: S/2 S/2

CASE 3417: (h) EXTENSION OF AN EXISTING OIL POOL

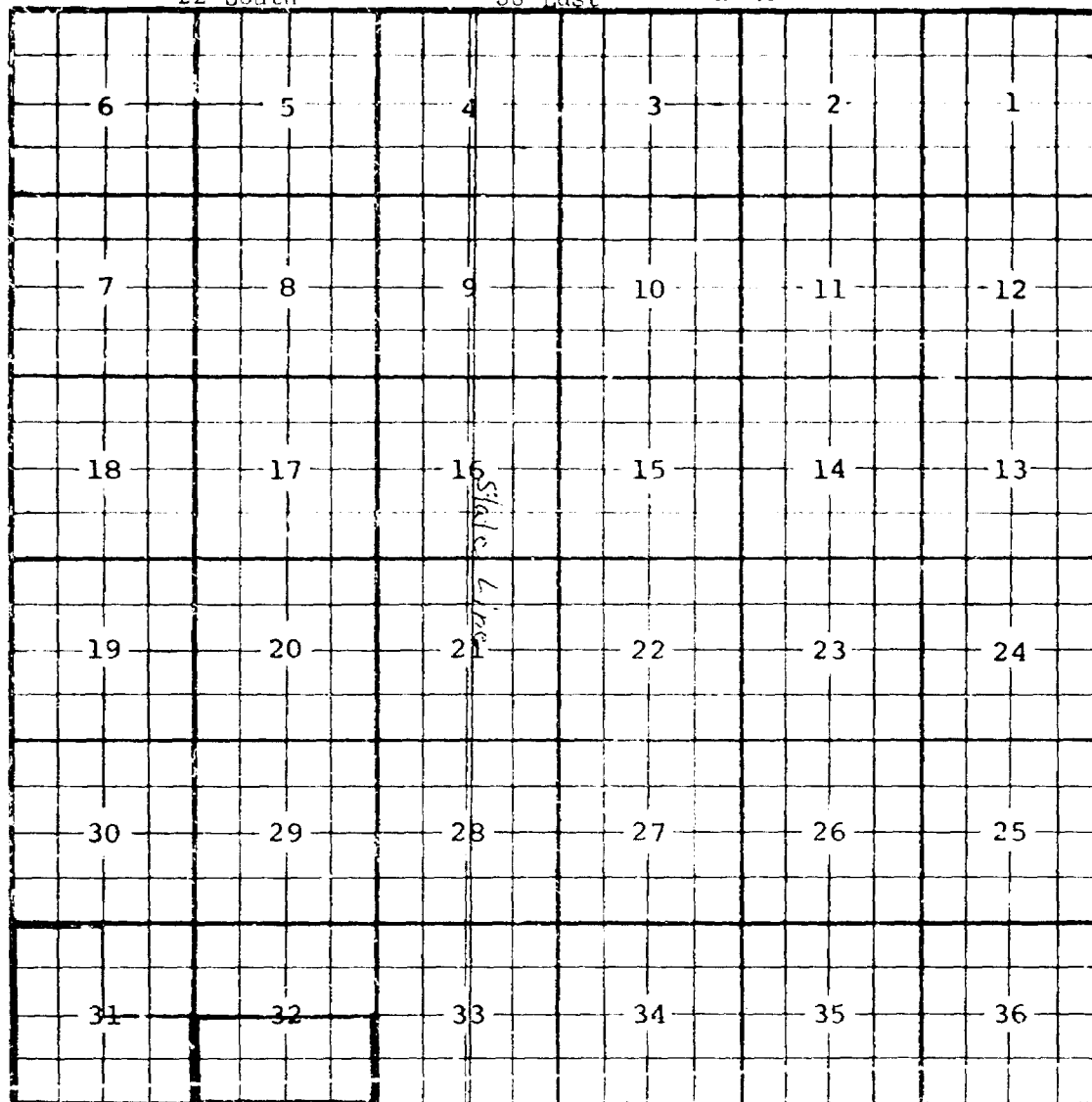
COUNTY LEA

POOL SOUTH BRUNSON-ELLENBURGER

TOWNSHIP 22 South

RANGE 38 East

NMFM



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - T. R. Andrews #7 in Unit P of Section 32-22-38.

Completed in Ellenburger on March 29, 1966. Top of Perforations 7383'.

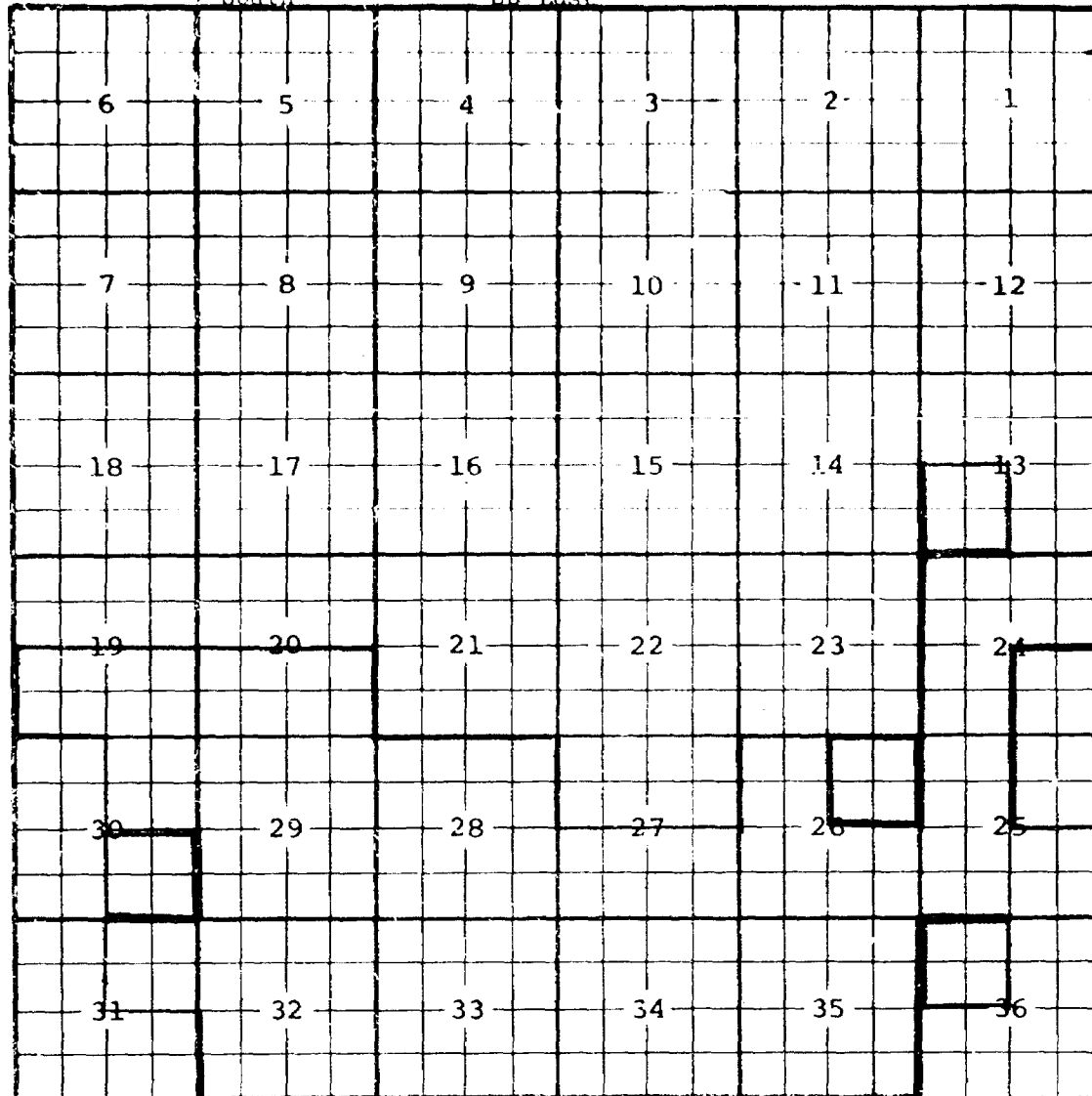
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 32: 3/2

CASE 3-117: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY ROOSEVELT POOL CHAVEROO-SAN ANDRES

TOWNSHIP 7 South RANGE 33 East NMPM



PURPOSE: Ten completed oil wells capable of producing. (Wells listed
on attached sheets)

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 24: SE/4

SECTION 25: NE/4

ADDITIONS---SECTION 13: SE/4

SECTION 26: NE/4

SECTION 30: SE/4

SECTION 36: NE/4

COUNTY ROOSEVELT POOL CHAVERCO-SAN ANDRES

TOWNSHIP 7 South RANGE 33 East

PAN AMERICAN PETROLEUM CORPORATION - Joy Ruth Bradley #2 in Unit O of Section 24-7-33. Completed in San Andres on April 7, 1966. Top of Perforations 4141'.

PAN AMERICAN PETROLEUM CORPORATION - Joy Ruth Bradley #3 in Unit I of Section 24-7-33. Completed in San Andres on April 29, 1966. Top of Perforations 4119'.

PAN AMERICAN PETROLEUM CORPORATION - Joy Ruth Bradley #4 in Unit P of Section 24-7-33. Completed in San Andres on May 9, 1966. Top of Perforations 4144'.

SOUTHERN PETROLEUM EXPLORATION, INC. - State J #1 in Unit B of Section 25-7-33. Completed in San Andres on April 15, 1966. Top of Perforations 4168'.

SOUTHERN PETROLEUM EXPLORATION, INC. - State J #2 in Unit G of Section 25-7-33. Completed in San Andres on May 18, 1966. Top of Perforations 4234'.

ADDITION--MIDWEST OIL CORPORATION - Morgan Federal Tr. 4 #1 in Unit M of Section 13-7-33. Completed in San Andres on May 24, 1966. Top of Perforations 4235'.

ADDITION--MIDWEST OIL CORPORATION - Morgan Federal Tr. 4 #2 in Unit N of Section 13-7-33. Completed in San Andres on May 30, 1966. Top of Perforations 4041'.

ADDITION--DALPORT OIL CORPORATION - Federal #3 in Unit A of Section 26-7-33. Completed in San Andres on May 16, 1966. Top of Perforations 4119'.

ADDITION--DALPORT OIL CORPORATION - Federal #4 in Unit H of Section 26-7-33. Completed in San Andres on May 22, 1966. Top of Perforations 4130'.

ADDITION--MIDWEST OIL CORPORATION - Morgan Federal Tr. 2 #3 in Unit C of Section 26-7-33. Completed in San Andres on April 3, 1966. Top of Perforations 4129'.

ADDITION--MIDWEST OIL CORPORATION - Morgan Federal Tr. 2 #6 in Unit B of Section 26-7-33. Completed in San Andres on April 17, 1966. Top of Perforations 4111'.

ADDITION--CHAMPLIN PETROLEUM COMPANY - Farrell Federal #3 in Unit I of Section 30-7-33. Completed in San Andres on May 23, 1966. Top of Perforations 4163'.

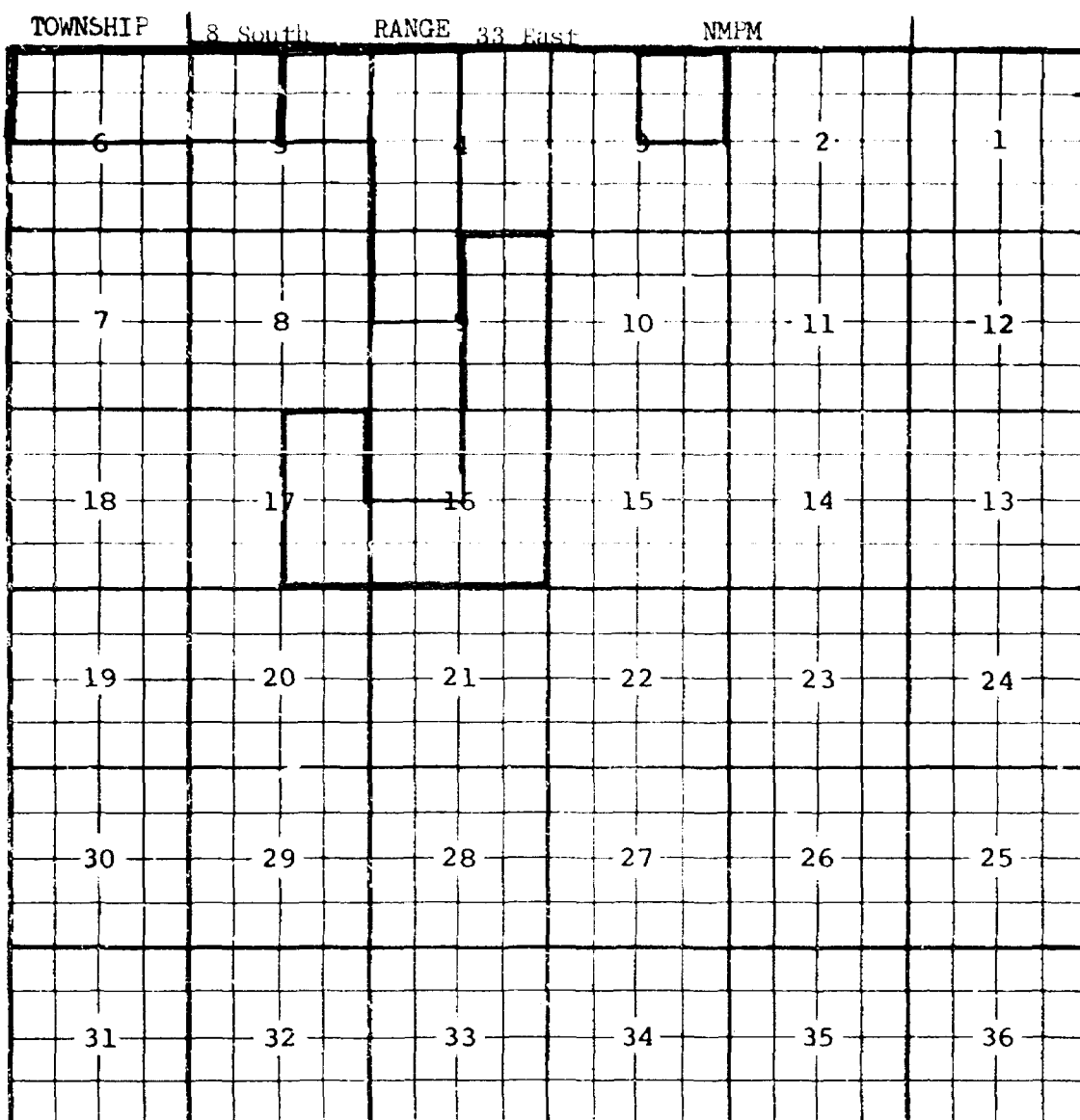
ADDITION--SOUTHERN PETROLEUM EXPLORATION, INC. - State K #1 in Unit D of Section 36-7-33. Completed in San Andres on May 2, 1966. Top of Perforations 4164'.

ADDITION--SOUTHERN PETROLEUM EXPLORATION, INC. - State K #2 in Unit E of Section 36-7-33. Completed in San Andres on June 1, 1966. Top of Perforations 4111'.

CASE 3417: (i) EXTENSION OF AN EXISTING CIL POOL (Continued)

COUNTY CHAVES

POOL CHAVERCO-SAN ANDRES



PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 3: NE/4

SECTION 5: NW/4

SECTION 9: E/2

SECTION 16: NE/4

ADDITIONS --- SECTION 6: N/2

SECTION 14: S/2

SECTION 17: S/2

COUNTY CHAVES TOWN CHAVERO-SAN ANDRES
TOWNSHIP 8 South RANGE 33 East

ATLANTIC RICHFIELD COMPANY - State BF #1 in Unit A of Section 3-8-33.
Completed in San Andres on April 8, 1966. Top of Perforations 4187'.

ATLANTIC RICHFIELD COMPANY - State BF #2 in Unit B of Section 3-8-33.
Completed in San Andres on May 15, 1966. Top of Perforations 4200'.

CHAMPLIN PETROLEUM COMPANY - State 5 "A" #1 in Unit C of Section 5-8-33.
Completed in San Andres on April 9, 1966. Top of Perforations 4216'.

CHAMPLIN PETROLEUM COMPANY - State 5 "A" #2 in Unit D of Section 5-8-33.
Completed in San Andres on May 16, 1966. Top of Perforations 4211'.

HUMBLE OIL & REFINING COMPANY - New Mexico BX State #3 in Unit G of Section 16-8-33. Completed in San Andres on April 8, 1966. Top of Perforations 4273'.

ADDITION--CHAMPLIN PETROLEUM COMPANY - State 6-8-33 #1 in Unit D of Section 6-8-33. Completed in San Andres on May 20, 1966. Top of Perforations 4183'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico BW State #4 in Unit J of Section 16-8-33. Completed in San Andres on April 23, 1966. Top of Perforations 4249'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico BW State #5 in Unit G of Section 16-8-33. Completed in San Andres on May 5, 1966. Top of Perforations 4247'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico BX State #2 in Unit K of Section 16-8-33. Completed in San Andres on May 2, 1966. Top of Perforations 4241'.

ADDITION--ATLANTIC RICHFIELD COMPANY - Mena Federal #5 in Unit G of Section 17-8-33. Completed in San Andres on May 12, 1966. Top of Perforations 4234'.

CASE 3417: (i) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY CHAVES POOL CHAVERCO-SAN ANDRES

TOWNSHIP 8 South RANGE 32 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

ADDITION--CHAMPLIN PETROLEUM COMPANY - Signal State #1 in Unit A of Section 1-3-32. Completed in San Andres on April 26, 1966. Top of Perforations 1662'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 1: 18/1

CASE 3117: (J) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEE

POOL GRAMA RIDGE-MORROW GAS

TOWNSHIP 21 South RANGE 34 East NMPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

PURPOSE: One completed gas well capable of producing.

SHELL OIL COMPANY - GRB State #1 in Unit L of Section 34-21-34. Completed in Morrow on October 27, 1965. Top of Perforations 12,921'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: All

CASE 3417: (k) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL INBE-PENNSYLVANIAN

Sheet Section	TOWNSHIP 11 South						RANGE 34 East						NMFM					
	6	5	4	3	2	1												
		8	9	10	11	12												
	18	17	16	15	14	13												
	19	20	21	22	23	24												
	30	29	28	27	26	25												
	31	32	33	34	35	36												

PURPOSE: One completed oil well capable of producing.

SUN OIL COMPANY - New Mexico "I" State #1 in Unit B of Section 7-11-34.

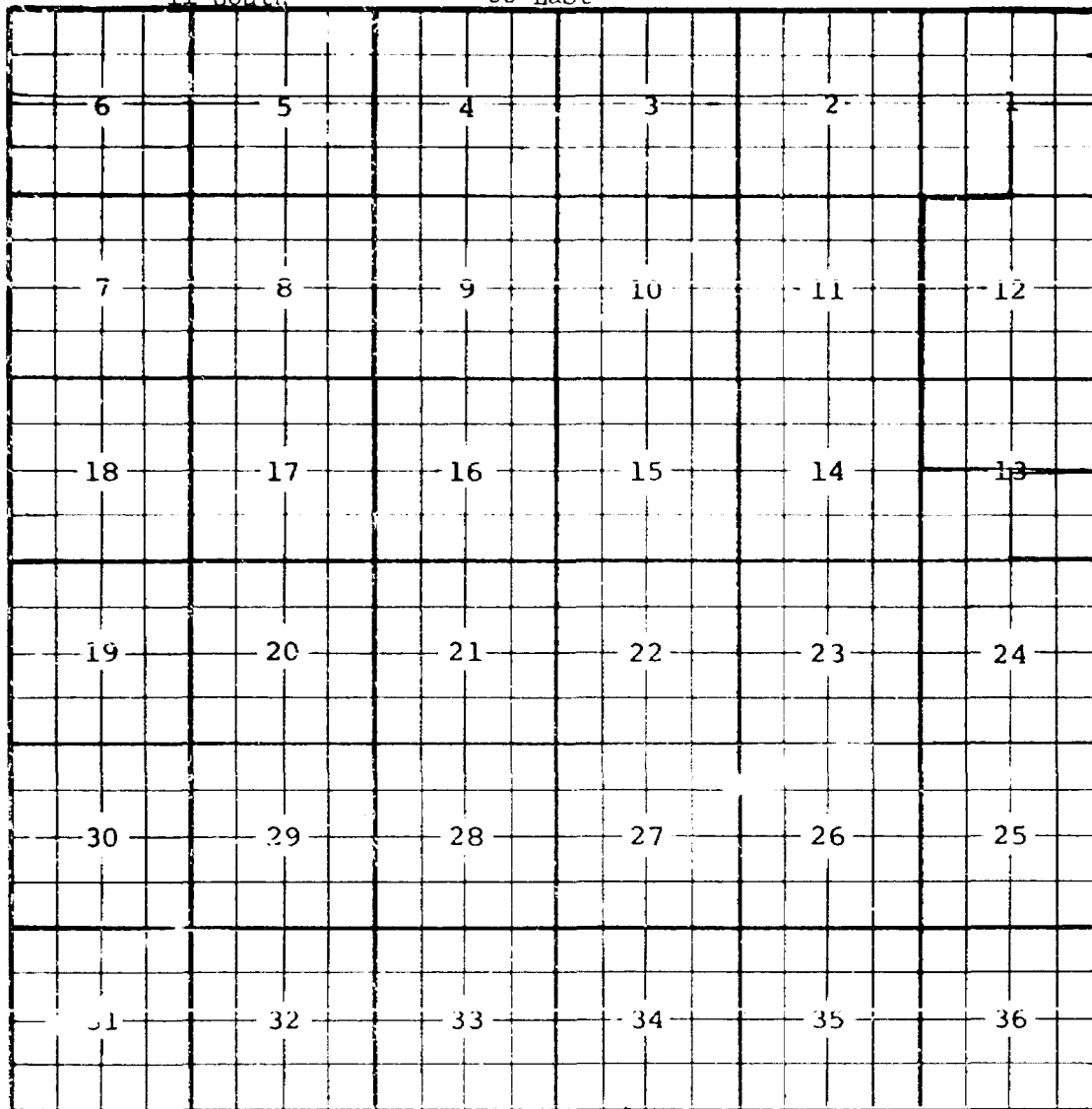
Completed in Bough C on April 21, 1966. Top of Perforations 2739'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 7. 1/2"

CASE 3417: (k) EXTENSION OF AN EXISTING OIL POOL (Continued)
COUNTY LEA POOL INBE-PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMPM



Short
Section

PURPOSE: As stated on preceding page, paragraph (k), Exhibit I.

ADDITION: SOUTHLAND ROYALTY COMPANY, a Parramatta Co. in Unit 0 of Section
13-11-33. Completed in Bough C. on May 12, 1965. Top of Per-
forations 2758'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 13: SE/4

CASE 3417: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL JUSTIS-MONTOYA

TOWNSHIP 25 South RANGE 37 East NMIM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: Two completed oil wells capable of producing.

UNION TEXAS PETROLEUM CORPORATION - Carlson A #2 in Unit I of Section 25-25-37. Completed in Montoya on February 1, 1966. Top of Perforations 6930'.

UNION TEXAS PETROLEUM CORPORATION - Carlson A #3 in Unit J of Section 25-25-37. Completed in Montoya on January 23, 1966. Top of Perforations 6934'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: SE/4

CASE 3417: (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LAZY J-PENNSYLVANIAN

TOWNSHIP 13 South RANGE 33 East NMPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

PURPOSE: One completed oil well capable of producing.

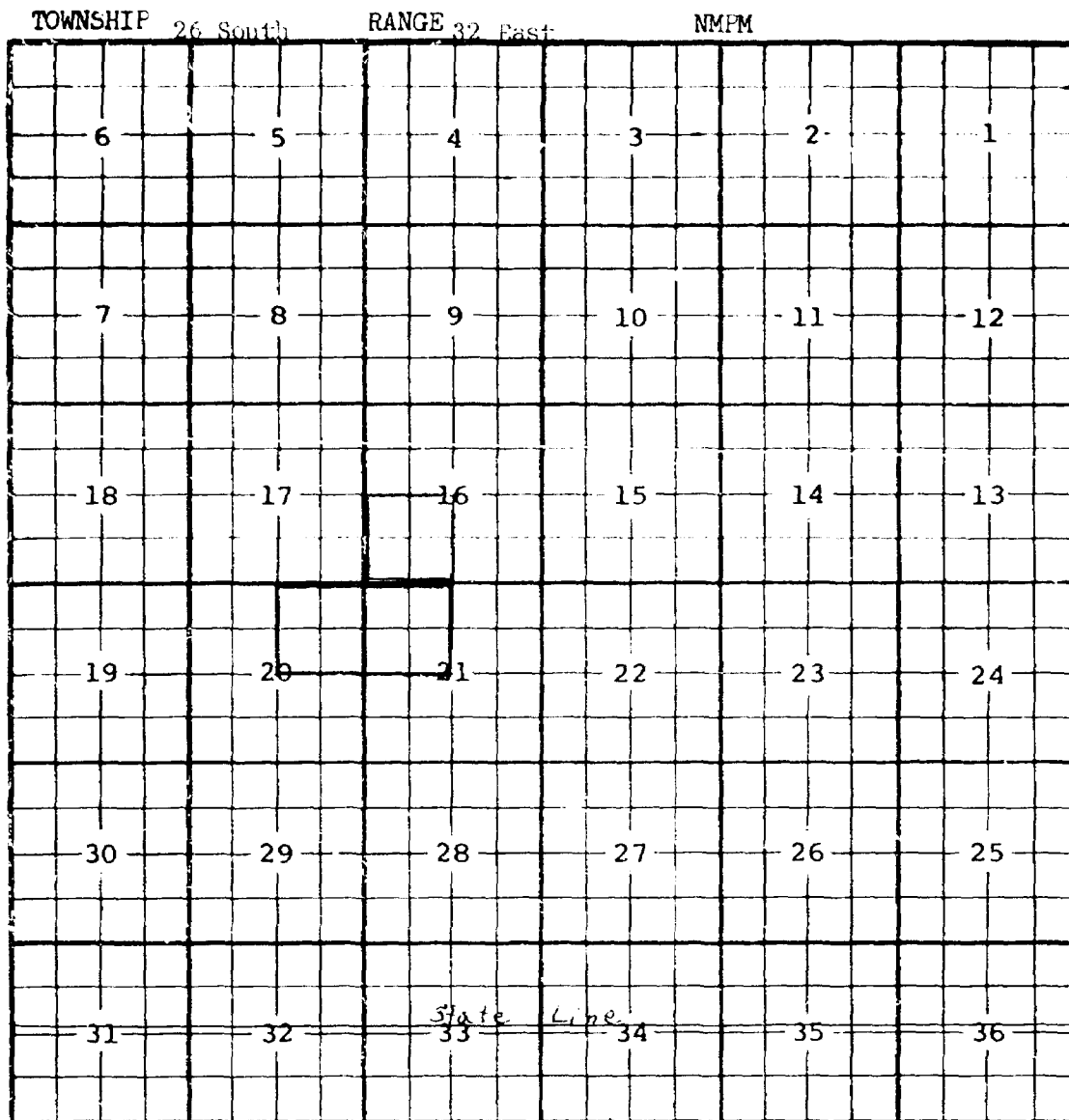
TEXACO, INC. - State of New Mexico "BY" NO1-1 #2 in Unit A of Section 35-13-33. Completed in Pennsylvanian on April 16, 1966. Top of Perforations 9638'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: NE/4

CASE 3417: (n) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST MASON-DELAWARE



PURPOSE: One completed oil well capable of producing.

TIGRN AND GRAUTEN - Russell Federal #1 in Unit B of Section 20-26-32.

Completed in Delaware on April 17, 1966. Top of Perforations 4233'.

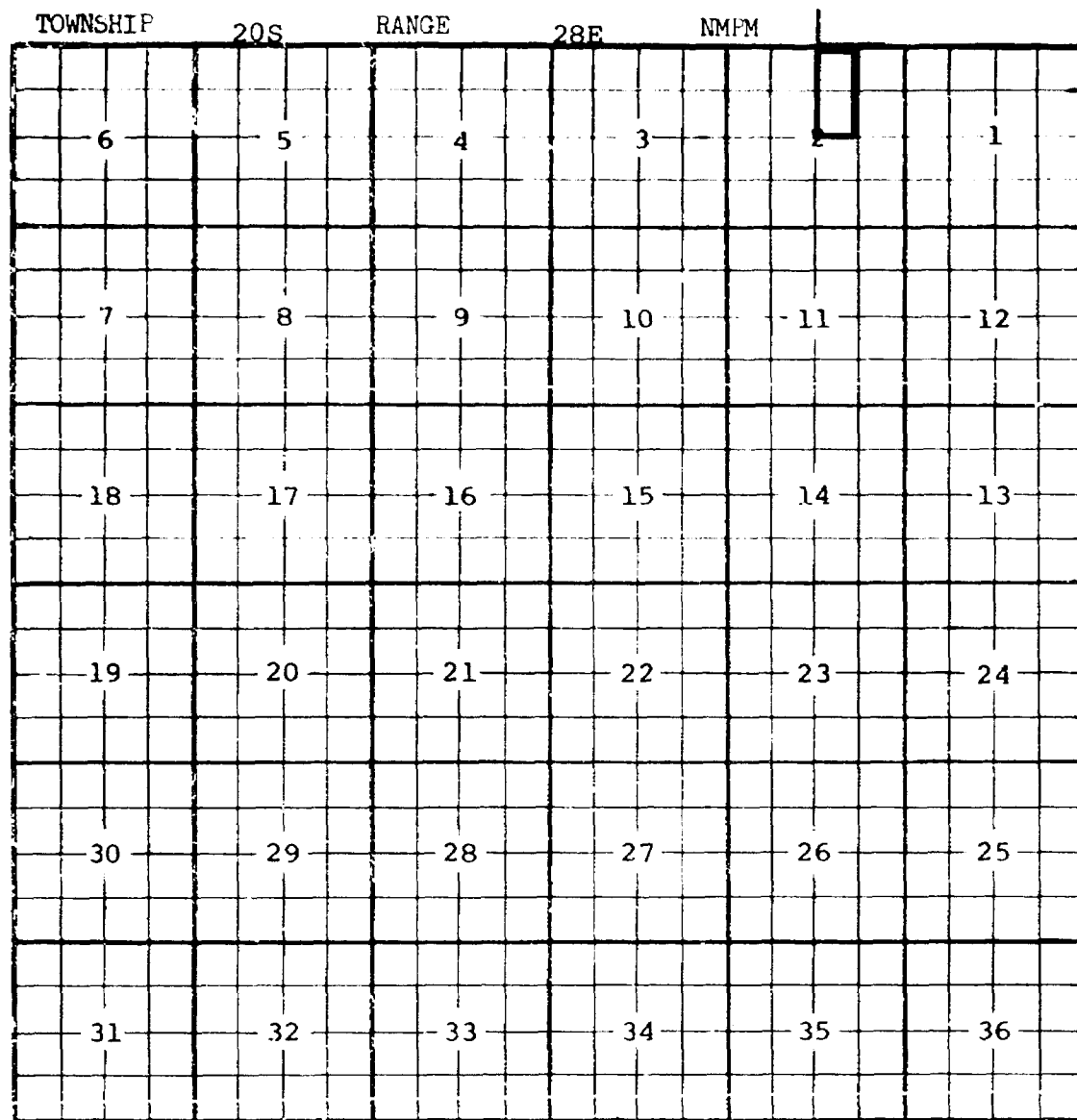
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 20: NE/4

SECTION 21: NW/4

CASE 3417: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Winchester-Wolfcamp



Purpose: One completed oil well capable of producing.

J. C. Williamson, U.S. Smelting State No. 1 in unit G of section 2-20-28. Completed in Wolfcamp March 20, 1966, through perforations 9414 to 9468'.

Pool boundary colored in red.

Proposed extension colored in green.

Section 2: W/2 NE/4

CASE 3417: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Eddy	POOL	Big Eddy-Strawn		
TOWNSHIP	20S	RANGE	31E	NMFM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed oil well capable of producing.

Perry R. Bass, Big Eddy Unit No.8 in unit C of section 30-20-31.

Completed in Strawn May 13, 1966, through perforations 11462' to 11502'

Pool boundary colored in red.

Proposed extension colored in green.

Section 30: N/2