

CASE 2637:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

2637

---

Section, Transcript,  
// Exhibits, Etc.

Case 2637

Protest  
1.2.20

County \_\_\_\_\_ Pool \_\_\_\_\_  
Township \_\_\_\_\_ South, Range \_\_\_\_\_ East, NMPM

1a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Upper - Pennsylvanian production, designated as the North Bagley Upper - Pennsylvanian Pool and described as:

Township 11 South, Range 33 East, NMPM,

Section 15: SE/4

Special Vertical Limits, Top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J.P. Collier Well No. 1, Unit F of Section 16, Township 11 South, Range 33 East, NMPM.

1b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Lower - Pennsylvanian production, designated as the North Bagley Lower - Pennsylvanian Pool, and described as:

Township 11 South, Range 33 East, NMPM,

Section 16: W/2

Section 15: W/2

Section 16: S/2

Special Vertical Limits, top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian formation, as in Texas Pacific Coal and Oil Company's J.P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

NOMENCLATURE ADVERTISEMENT FOR SEPTEMBER 1962  
CASE \_\_\_\_\_

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, abolishments of certain pools, change of vertical limits and change of pool names, and extensions 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, abolishments, change of vertical limits, change of pool names, and extensions should not be made.

- a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Upper-Pennsylvanian production, designated as the North Bagley-Upper-Pennsylvanian Pool, and described as; with special vertical limits.

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: SE/4

- b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Lower-Pennsylvanian production, designated as the North Bagley-Lower-Pennsylvanian Pool, and described as; with special vertical limits.

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

- ✓c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the Car-Seven Rivers Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
SECTION 21: NE/4

- ✓d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Paddock production, designated as the Fren-Paddock Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
SECTION 21: NE/4

- ✓e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Queen production, designated as the West Hume-Queen Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: NE/4

- ✓f) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Round Tank-San Andres Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM  
SECTION 30: NW/4

- ✓g) ABOLISH the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

- ✓h) ABOLISH the North Double X-Delaware Pool in Lea County, New Mexico, described as:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4

- ✓i) EXTEND the vertical limits of the North Burton-Atoka Gas Pool in Eddy County, New Mexico to include the Pennsylvanian formation and change the Pool name to North Burton-Pennsylvanian Pool inasmuch as pool is producing from the Morrow and Pennsylvanian formations, and described as:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
SECTION 32: NW/4

- ✓j) EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4  
SECTION 14: N/2  
SECTION 15: NE/4

- ✓k) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SE/4

- ✓l) EXTEND the Empire-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 29: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 30: SE/4

- ✓n) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 31: NW/4 NW/4

- ✓o) EXTEND the Jackson-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: S/2 NE/4

- ✓p) EXTEND the Lea-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NE/4

- q) EXTEND the Medicine Rock-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM  
SECTION 14: SW/4  
SECTION 15: SE/4  
SECTION 22: NW/4

- r) EXTEND the Mescalero-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
SECTION 14: W/2  
SECTION 23: W/2

- s) EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
SECTION 18: SE/4

- t) EXTEND the Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: SE/4

- u) EXTEND the Salado Draw-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: SE/4  
SECTION 15: E/2

- v) EXTEND the Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 25: S/2  
SECTION 26: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 12: E/2 SE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 7: N/2 SW/4

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243-6691

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 13, 1962

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature  
case calling for an order creating,  
changing vertical limits, changing  
pool name and extending certain pools  
in Lea, Eddy, Chaves and Roosevelt  
Counties, New Mexico.

Case 2637

BEFORE: Honorable Edwin L. Mechem  
Mr. A. L. "Pete" Porter  
Mr. E. S. "Johnny" Walker

TRANSCRIPT OF HEARING

MR. PORTER: The hearing will come to order, please.  
We are going to change the order of the docket a little bit this  
morning and take the nomenclature case first. The application  
for rehearing by Consolidated will be heard last. We will call  
first Case 2637. Mr. Nutter.

(Witness sworn.)

DAN NUTTER

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



DIRECT EXAMINATION

BY MR. DURRETT:

Q Will you please state your name and position?

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

Q Are you prepared today to recommend to the Commission that an order be entered creating certain pools, changing the vertical limits of certain pools and changing pool names and extending certain pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico?

A Yes, I am.

Q Have you prepared your recommendations in the form of an exhibit?

A I have had them prepared, yes, sir.

MR. DURRETT: Could we have that exhibit marked, please?

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

Q Mr. Nutter, referring to paragraph (a) of your exhibit, what is your recommendation concerning the creation of a new oil pool for the Upper-Pennsylvanian production described as North Bagley Upper-Pennsylvanian Pool?

A I recommend that the North Bagley Upper-Pennsylvanian Pool be created comprising the Southeast Quarter of Section 15,

DEARNLEY-MEIER REPORTING SERVICE, Inc.  
FARMINGTON, N. M. PHONE 325-1182  
SANTA FE, N. M. PHONE 983-3971  
ALBUQUERQUE, N. M. PHONE 243-6691





## DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182SANTA FE, N. M.  
PHONE 983 3971ALBUQUERQUE, N. M.  
PHONE 243-6691

the Southwest Quarter, Southwest Quarter, Section 14, the Northeast Quarter, Northeast Quarter, Section 22, and the Northwest Quarter of Section 23, all in Township 11 South, Range 33 East, Lea County, New Mexico.

This pool was discovered by the Cabot Corporation, Maryellen Dallas Well No. 1, located in Unit P of Section 15. The well was completed in the Pennsylvanian on June 12, 1962, the top of the perforation is 9,475 feet.

Q Referring to paragraph (b) of your exhibit, what is your recommendation concerning this paragraph?

A I recommend that the North Bagley Lower-Pennsylvanian Pool be created comprising the West Half of Section 10, the West Half of Section 15, the South Half of Section 15, all in Township 11 South, Range 33 East, Lea County, New Mexico. This pool is to take the place of another pool which is the North Bagley Pennsylvanian Pool which was previously designated by the Commission with the same horizontal limits.

The vertical limits of North Bagley Lower-Pennsylvanian Pool will be from the point encountered in the Texas Pacific Coal and Oil Company J. P. Collier Well No. 1 located in Unit F of Section 10. This point is encountered at a minus 5727 feet subsea to the bottom of the Pennsylvanian formation.

Referring back to paragraph (a), the vertical limits of the



## DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1112SANTA FE, N. M.  
PHONE 983-3971ALBUQUERQUE, N. M.  
PHONE 243-6691

North Bagley Upper-Pennsylvanian Pool would be from a datum at a minus 4783 feet to a minus 5727 feet as encountered in Texas Pacific Coal and Oil Company J. P. Collier Well No. 1 located in Unit F of Section 10, Township 11 South, Range 33 East.

Q Now, referring to paragraph (c) of your exhibit, what is your recommendation concerning the creation of a new oil pool for Seven Rivers production?

A I recommend that the Car-Seven Rivers Pool, that's C-a-r Seven Rivers Pool be created comprising the Northeast Quarter of Section 21, Township 18 South, Range 29 East, Eddy County, New Mexico. This pool was discovered by the Ray Smith Federal Well No. 1, located in Unit H of Section 21, Township 18 South, 29 East. It was completed in the Seven Rivers February 6, 1962 with the top of the perforations at 1634.

Q What is your recommendation concerning the paragraph (d) in the Paddock production?

A I recommend that the Fren-Paddock Pool be created comprising the Northeast Quarter of Section 21, Township 17 South, Range 31 East, Eddy County. This pool was discovered by Skelly Oil Company's Dow, D-o-w, B Well No. 39, located in Unit G of Section 21. It was completed in the Paddock on June 11, 1962, and the top of the perforations is 4,864 feet.

Q Referring now to paragraph (e), what is your



recommendation concerning the creation of a new oil pool for Queen production?

A I would recommend that the West Hume, H-u-m-e, Queen Pool be created comprising the Northeast Quarter of Section 15, Township 16 South, Range 33 East, Lea County. This pool was discovered by Dob Oil Properties, Inc., Pure State Well No. 1, located in Unit G of Section 15. It was completed in the Penrose sand of the Queen on June 27, 1962. The top of the perforations is 3,927 feet.

Q Referring to paragraph (f), what is your recommendation concerning the creation of a new oil pool for San Andres production?

A I would recommend that the Round Tank-San Andres Pool be created comprising the Northwest Quarter of Section 30, Township 15 South, Range 29 East, Chaves County. This pool was discovered by Kern County Land Company State M-u-l-l-i-s, Well No. 1, located in Unit D of Section 30; it was completed in the San Andres formation April 28, 1962 and the top of perforations is 2,960 feet.

Q Referring now to paragraph (g), what is your recommendation concerning abolishing the North Bagley-Pennsylvanian Pool?

A I would recommend that the North Bagley-Pennsylvanian Pool comprising the West Half of Section 10, the West Half of

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6631



**DEARNLEY-MEIER REPORTING SERVICE, Inc.**

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3571

ALBUQUERQUE, N. M.  
PHONE 243-6691

Section 15 and the South Half of Section 16, Township 11 South, Range 33 East, be abolished. This same area was picked up in the creation of the North Bagley Lower-Pennsylvanian Pool in paragraph (b) of this case.

Q Referring to paragraph (h), what is your recommendation concerning abolishing the North Double X-Delaware Pool?

A I recommend that the North Double X-Delaware Pool comprising the Southeast Quarter of Section 11, 24 South, 32 East, Lea County be abolished. The acreage will be extended into the Double X-Delaware Pool.

Q Referring to paragraph (i), what is your recommendation concerning the North Burton-Atoka Gas Pool?

A I recommend that the name of the North Burton-Atoka Gas Pool be changed to North Burton-Pennsylvanian Gas Pool and that the vertical limits of said pool be extended from the Atoka-Pennsylvanian to the entire Pennsylvanian formation. This pool comprises the Northwest Quarter of Section 32, Township 19 South, 29 East, Eddy County.

Q Referring to paragraph (j), what is your recommendation concerning the extension of the Double X-Delaware Pool?

A I would recommend that the Double X-Delaware Pool be extended as shown on the docket, and also that the Northwest Quarter of Section 23, Township 24 South, 32 East be added.



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

Q Referring to paragraph (k), what is your recommendation concerning the extension of the Drinkard Pool?

A I recommend that pool be extended as shown on the docket and on the exhibit.

Q I believe, Mr. Nutter, that the rest of your recommendations concern extensions of certain pools, is that correct?

A That's correct.

Q Would you please proceed with this and refer to the paragraphs in your exhibit?

A Paragraph (l), I would recommend it be extended in accordance with the docket and the exhibit, and also that the South Half of the Northwest Quarter of 29, Township 19 South, 29 East be added.

Paragraph (m), I recommend it be extended in accordance with the docket and exhibit. Paragraph (n), I recommend it be extended in accordance with the docket and exhibit. Paragraph (o), I recommend it be extended in accordance with the docket and exhibit. Paragraph (p), I recommend it be extended in accordance with the docket and exhibit. Paragraph (q), I recommend it be extended in accordance with the docket and exhibit. Paragraph (r), I recommend it be extended in accordance with the docket and exhibit; paragraph (s), I recommend it be extended in accordance with the docket and exhibit. Paragraph (t), I



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

recommend it be extended in accordance with the docket and exhibit.

Paragraph (u), I would recommend be extended in accordance with the docket and the exhibit, and also that the Northwest Quarter of Section 10, Township 26 South, Range 33 East be added. The (v) would be extended in accordance with the docket and the exhibit insofar as Township 17 South, 35 East is concerned. As far as Township 18 South, Range 34 East is concerned, in accordance with the docket and the exhibit, and also that the West Half of the Southeast Quarter of Section 12 be added. Township 18 South, Range 35 East in the Vacuum-Abo Pool would be in accordance with the docket and the exhibit.

Q Mr. Nutter, do you have anything further to add at this time?

A No, sir.

MR. DURRETT: If the Commission please, we move the introduction of Exhibit 1 in this case at this time.

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

(Whereupon, Commission's Exhibit No. 1 was admitted in evidence.)

MR. PORTER: Is there any question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Anything further to be offered in this



case? The Commission will take the case under advisement and proceed to Case 2638.

STATE OF NEW MEXICO )  
 ) SS  
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 9th day of October, 1962.

*Ada Dearnley*  
Notary Public-Court Reporter

My commission expires:

June 19, 1963.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



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. 2637  
ORDER NO. R-2313

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING, ABOLISHING, GIVING  
SPECIAL VERTICAL LIMITS,  
CHANGING VERTICAL LIMITS AND  
CHANGING POOL NAMES AND  
EXTENDING CERTAIN POOLS IN  
CHAVES, EDDY, LEA AND ROOSEVELT  
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on  
September 13, 1962, at Santa Fe, New Mexico, before the Oil  
Conservation Commission of New Mexico, hereinafter referred to  
as the "Commission."

NOW, on this 18th day of September, 1962, 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 Upper-  
Pennsylvanian formation, said pool to bear the designation of  
North Bagley Upper-Pennsylvanian Pool. Said North Bagley Upper-  
Pennsylvanian Pool was discovered by Cabot Corporation, Mary Ellen  
Dallas No. 1, located in the SE/4, Unit P, of Section 15, Township  
11 South, Range 33 East, NMPM. It was completed June 12, 1962.  
The top of perforations is 9475 feet. Special vertical limits,  
top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea,



-2-

Case No. 2637

Order No. R-2313

as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(3) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Lower-Pennsylvanian formation, said pool to bear the designation of North Bagley Lower-Pennsylvanian Pool. Said North Bagley Lower-Pennsylvanian Pool was created to take in area from abolished North Bagley-Pennsylvanian Pool. Special vertical limits, top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian formation, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico for the production of oil from the Seven Rivers formation, said pool to bear the designation of Car-Seven Rivers Pool. Said Car-Seven Rivers Pool was discovered by Ray Smith, Federal No. 1, located in the NE/4, Unit H, of Section 21, Township 18 South, Range 29 East, NMPM. It was completed February 6, 1962. The top of perforations is 1634 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico for the production of oil from the Paddock formation, said pool to bear the designation of Fren-Paddock Pool. Said Fren-Paddock Pool was discovered by Skelly Oil Company, Dow B, No. 39, located in the NE/4, Unit G, of Section 21, Township 17 South, Range 31 East, NMPM. It was completed June 11, 1962. The top of perforations is 4864 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of West Hume-Queen Pool. Said West Hume-Queen Pool was discovered by DOB Oil Properties, Inc., Pure State No. 1, located in the NE/4 Unit G, of Section 15, Township 16 South, Range 33 East, NMPM. It was completed June 27, 1962. The top of perforations is 3927 feet.

(7) That there is need for the creation of a new pool in Chaves County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation of Round Tank-San Andres Pool. Said Round Tank-San Andres Pool was discovered by Kern County Land Company, State Mullis No. 1, located in the NW/4, Unit D, of Section 30, Township 15 South, Range 29 East, NMPM. It was completed April 28, 1962. The top of perforations is 2960 feet.

(8) That there is need for the abolishment of the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to redefine vertical limits and change pool name, due to Upper-Pennsylvanian production in same area. Pool recreated as the North Bagley Lower-Pennsylvanian Pool.

(9) That there is need for the abolishment of the North Double X-Delaware Pool in Lea County, New Mexico, because pool is now contiguous with the Double X-Delaware Pool and has same reservoir. Abolished acreage to be extended to Double X-Delaware Pool.

(10) Extend the vertical limits of the North Burton-Atoka Gas Pool and thereby permit the production of gas from the Pennsylvanian formation and change the pool name to North Burton-Pennsylvanian Gas Pool.

(11) That there is need for certain extensions to the Empire-Abo Pool, the Grayburg-Jackson Pool, the North Hackberry-Yates Pool and the Jackson-Abo Pool, all in Eddy County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, New Mexico, the Double X-Delaware Pool, the Drinkard Pool, the Lea-Devonian Pool, the Medicine Rock-Devonian Pool, the Mescalero-San Andres Pool, the Paduca-Delaware Pool, the Salado Draw-Delaware Pool, and the Vacuum-Abo 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 Upper-Pennsylvanian Production, is hereby created and designated as the North Bagley Upper-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 14: SW/4 SW/4

SECTION 15: SE/4

SECTION 22: NE/4 NE/4

SECTION 23: NW/4

Special Vertical Limits, Top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Lower-Pennsylvanian production, is hereby created and designated as the North Bagley Lower-Pennsylvanian Pool, consisting of the following described area:

-4-

CASE NO. 2637

Order No. R-2313

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 10: W/2

SECTION 15: W/2

SECTION 16: S/2

Special Vertical Limits, Top pool at - 5727 feet subsea, bottom of pool at the base of the Pennsylvanian formation, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(c) That a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the Car-Seven Rivers Pool, consisting of the following area:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

SECTION 21: NE/4

(d) That a new pool in Eddy County, New Mexico, classified as an oil pool for Paddock production, is hereby created and designated as the Fren-Paddock Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM

SECTION 21: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM

SECTION 15: NE/4

(f) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Round Tank-San Andres Pool, consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

SECTION 30: NW/4

(g) That the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 10: W/2

SECTION 15: W/2

SECTION 16: S/2

is hereby abolished.

-5-

CASE No. 2637  
Order No. R-2313

(h) That the North Double X-Delaware Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4

is hereby abolished.

(i) Extend the vertical limits of the North Burton-Atoka Gas Pool, Eddy County, New Mexico to include all the Pennsylvanian formation and change the pool name to North Burton-Pennsylvanian Pool inasmuch as pool is producing from the Morrow and Atoka Pennsylvanian formations, and described as:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
SECTION 32: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4  
SECTION 14: N/2  
SECTION 15: NE/4  
SECTION 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 29: SE/4 & S/2 NW/4

(m) 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, NMPM  
SECTION 30: SE/4

(n) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-6-

CASE No. 2637

Order No. R-2313

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 31: NW/4 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: S/2 NE/4

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

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NE/4

(q) That the Medicine Rock-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM  
SECTION 14: SW/4  
SECTION 15: SE/4  
SECTION 22: NW/4

(r) That the Mescalero-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
SECTION 14: W/2  
SECTION 23: W/2

(s) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
SECTION 18: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: SE/4

-7-

CASE No. 2637  
Order No. R-2313

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

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM

SECTION 10: SE/4 & NW/4

SECTION 15: E/2

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

SECTION 25: S/2

SECTION 26: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM

SECTION 12: SE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

SECTION 7: N/2 SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, special vertical limits, changes of vertical limits and change of pool names and extensions shall be October 1, 1962.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



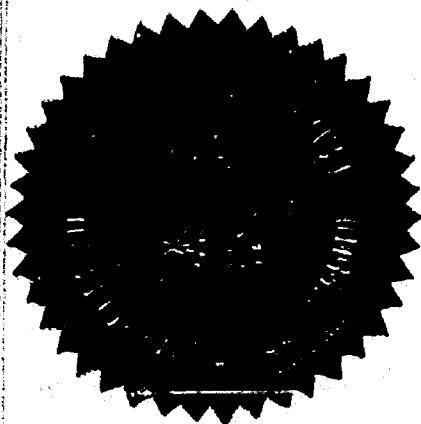
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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

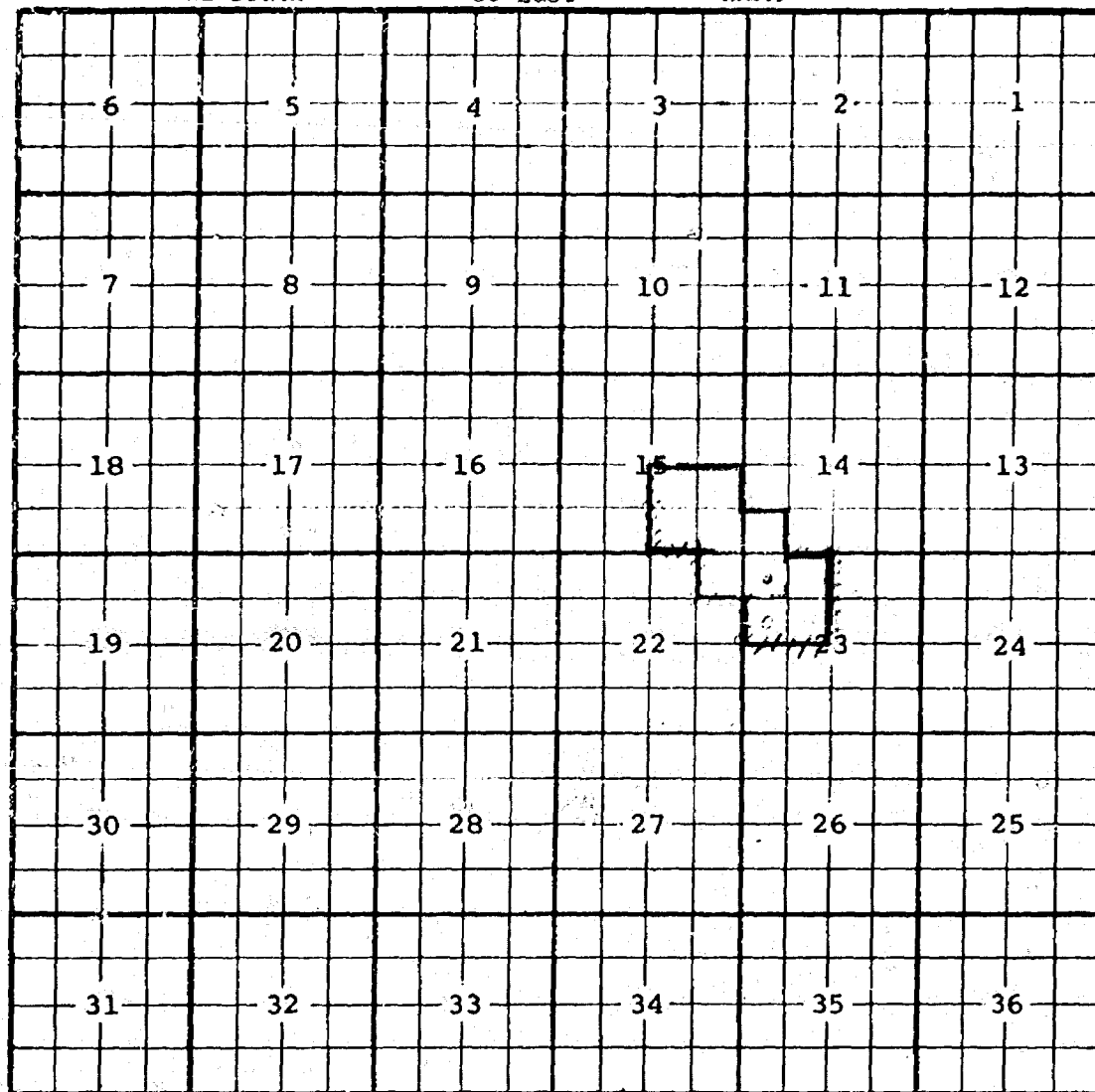


199/

CASE 2637: (a) CREATION OF AN OIL POOL WITH SPECIAL VERTICAL LIMITS

COUNTY LEA POOL NORTH BAGLEY UPPER-PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMFM



PURPOSE: (2) completed oil wells capable of producing.

DISCOVERY WELL: CABOT CORPORATION-Mary Ellen Dallas No. 1 in Unit P of Section 15-11-33. Completed in Pennsylvanian June 12, 1962. Top of Perforations 9475'

ADDITION-----CABOT CORPORATION-Humble State #1-D of Section 23-11-33. Completed in Pennsylvanian August 4, 1962. Top of perforations 9446'

SPECIAL VERTICAL LIMITS, Top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMFM.

Proposed pool boundary colored in green. SECTION 15: SE/4

ADDITION-----SECTION 14: SW/4 SW/4

ADDITION-----SECTION 23: NW/4

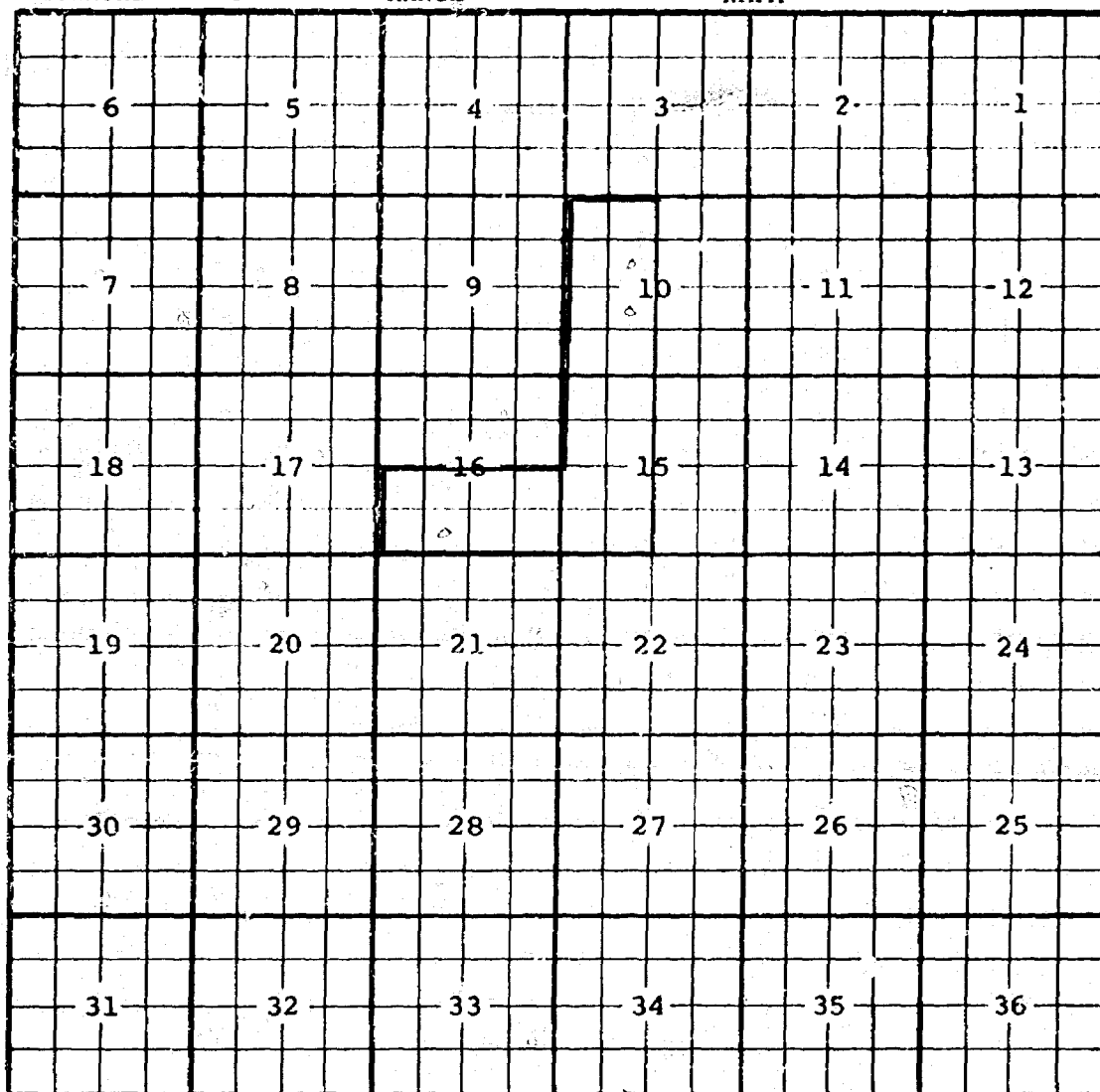
ADDITION-----SECTION 22: NE/4 NE/4

BEFORE THE  
OIL AND GAS COMMISSION  
CASE 2637

CASE 2637: (b) CREATION OF A NEW POOL WITH SPECIAL VERTICAL LIMITS

COUNTY LEA ..... POOL NORTH BAGLEY LOWER-PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMPM



PURPOSE: To take in area from abolished North Bagley-Pennsylvanian Pool.

Proposed pool boundary colored in green. SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

SPECIAL VERTICAL LIMITS, top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian Formation, as in Texas Pacific Coal & Oil Company's J. P. Collier Well No. 1, Unit F of Section 10-11-33.



County Eddy Pool Car-Seven Rivers  
TOWNSHIP 18 RANGE 29 NEW MEXICO PRINCIPAL MERIDIAN

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

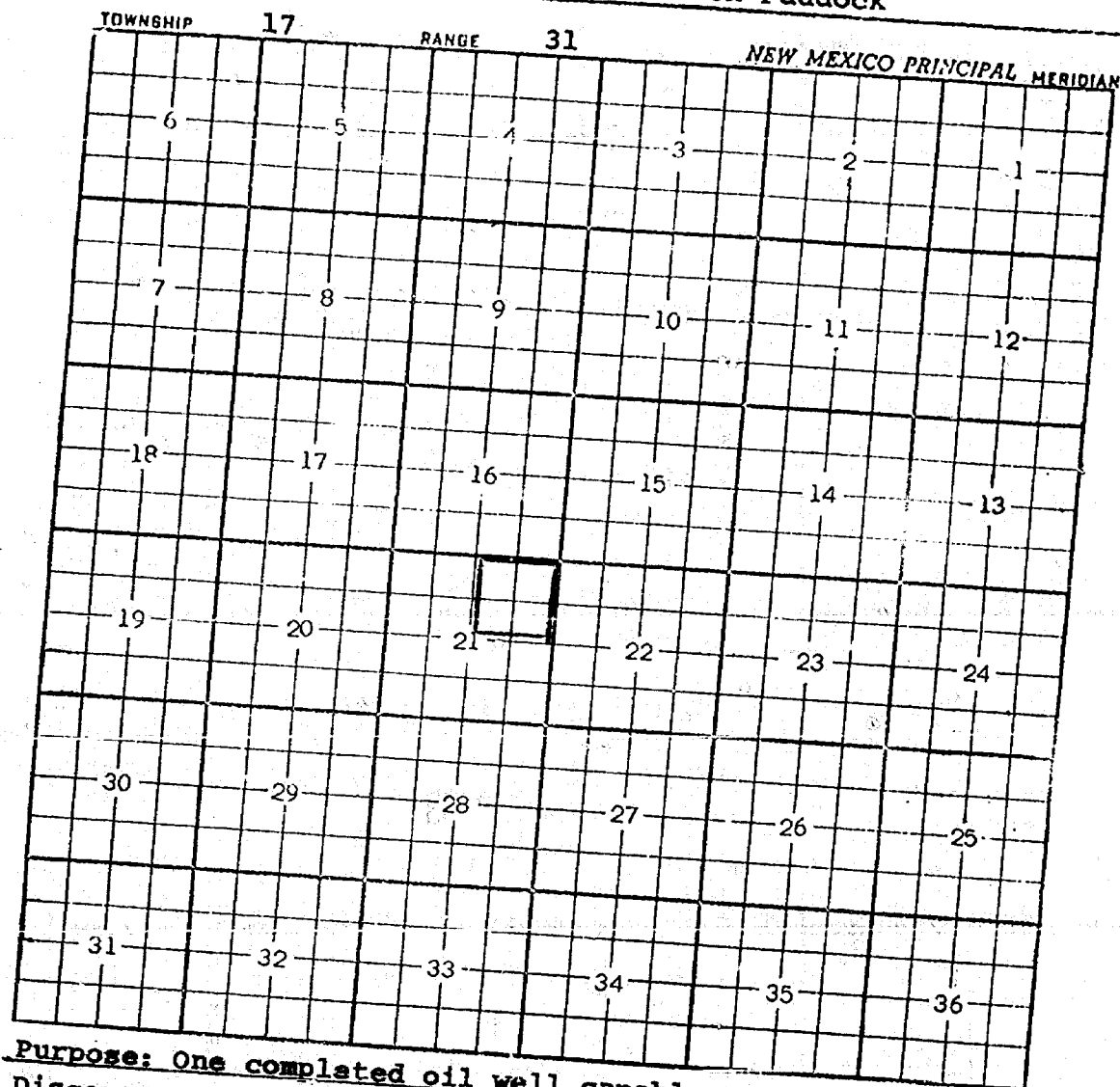
Purpose: One completed oil well capable of producing.

Discovery Well: Ray Smith Federal No. 1 in Unit H of Section

21-18-29. Completed in Seven Rivers February  
6, 1962. Top of perforations 1634'.

Proposed pool boundary colored in green. Section 21: NE/4

County Eddy Pool Fren-Paddock



Purpose: One completed oil well capable of producing.  
Discovery well: Skelly Oil Co. Dow B, No. 39 in Unit G of  
Section 21-17-31. Completed in Paddock,  
June 11, 1962. Top of perforations 4864'.

Proposed pool boundary colored in green. Section 21: NE/4

CASE 2637: (e) CREATION OF AN OIL POOL

COUNTY LEA POOL WEST HUME-QUEEN

TOWNSHIP 16 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: (1) One completed oil well capable of producing.

DISCOVERY WELL: DOB Oil Properties, Inc., -Pure State No. 1 in Unit G of Section 15-16-33. Completed in Queen (Penrose) June 27, 1962. Top of Perforations 3927feet

Proposed pool boundary colored in green. SECTION 15: NE/4

County Chaves Pool Round Tank - San Andres

TOWNSHIP	15	RANGE	29	NEW MEXICO PRINCIPAL	MERIDIAN
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.

Discovery Well: Kern County Land Co. State Mullis No. 1 in  
Unit D of Section 30-15-29. Completed in  
San Andres, April 28, 1962. Top of perfora-  
tions 2960'.

Addition: Kern County Land Co. State Mullis No. 1-B in Unit  
C of Section 30-15-29. Completed in San  
Andres, July 26, 1962. Top of perforations  
2943'.

Proposed Pool boundary colored in green. Section 30: NW/4

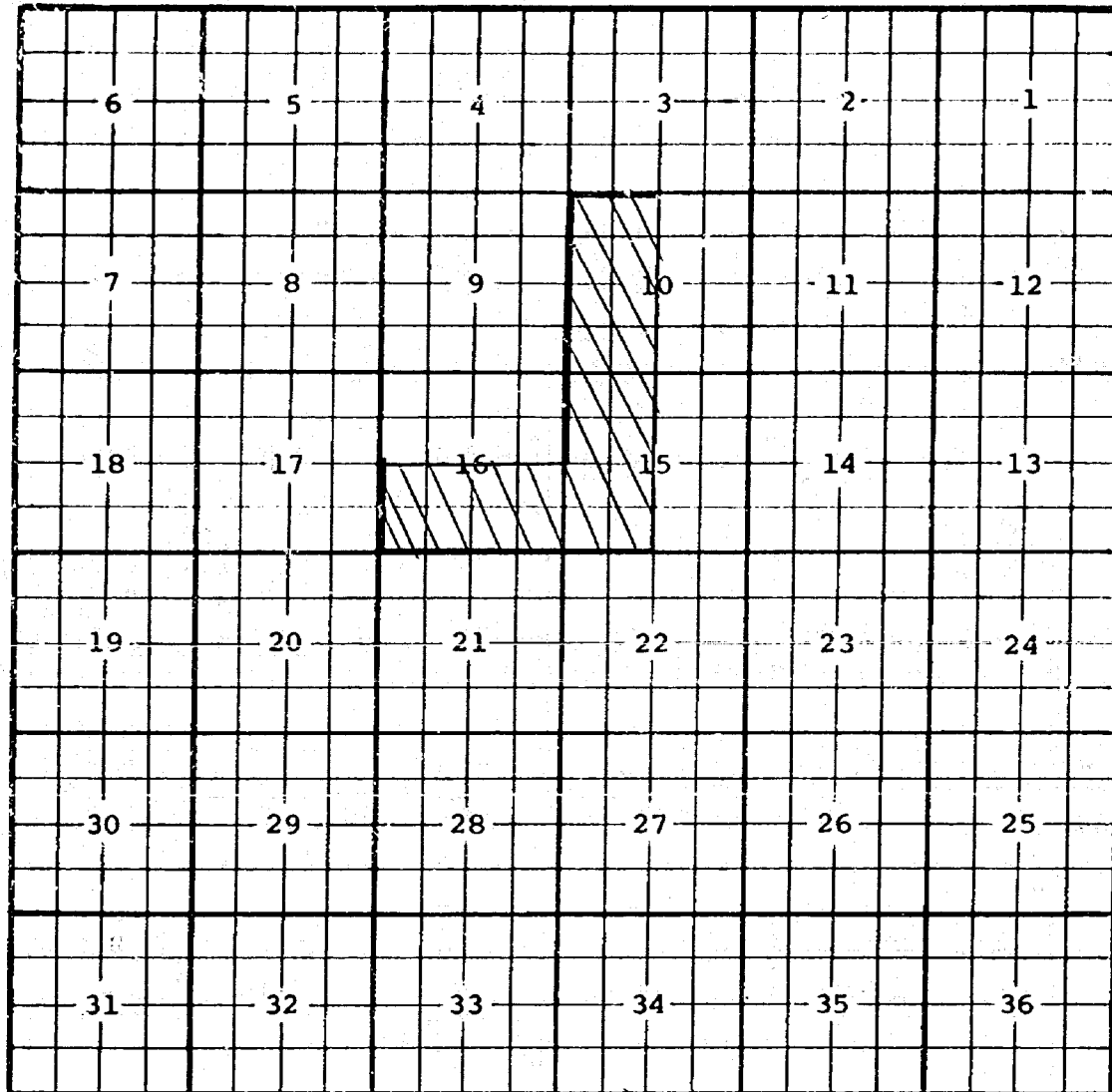
CASE 2637: (g) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN

TOWNSHIP 11 South

RANGE 33 East

NMPM



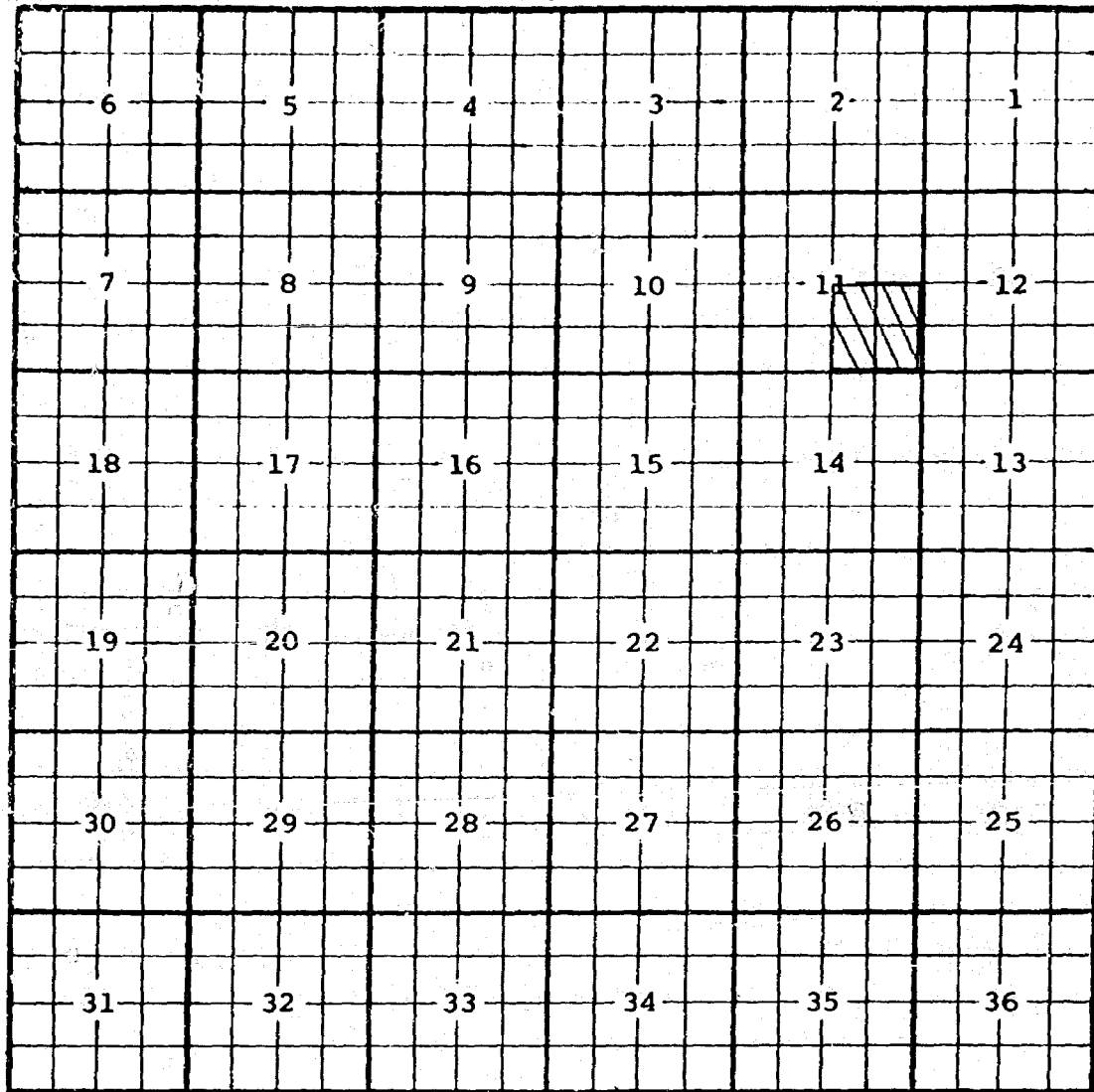
PURPOSE: Abolished to redefine vertical limits and pool name, due to Upper Pennsylvanian production in same area. Pool recreated as the North Bagley Lower-Pennsylvanian Pool.

Abolishment colored in blue. SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

CASE 2637: (h) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY LEA ..... POOL NORTH DOUBLE X-DELAWARE

TOWNSHIP 24 South RANGE 32 East NMFM



PURPOSE: This pool is now contiguous with the Double X-Delaware and has same reservoir. Abolished acreage to be extended to Double X-Delaware Pool.

Abolishment colored in blue. SECTION 11: SE/4

**North Burton - Atoka Gas Pool  
change to**

County Eddy Pool North Burton - Pennsylvanian Gas Pool

TOWNSHIP 19						RANGE 29						NEW MEXICO PRINCIPAL MERIDIAN					
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 extend the vertical limits of the pool and  
thereby permit the production of gas from Pennsylvanian  
gas sands other than the Atoka. Based on potential tests,  
Sunray DX Oil Co., N.M. State Q, No. 1 in Unit D of Section  
32-19-29, currently completed in the Atoka. Top of perfora-  
tions 10886'.

Pool boundary colored in red. Section 32: NW/4

COUNTY LEA POOL DOUBLE X-DELAWARE

COUNTY LEA

POOL DOUBLE X-DELAWARE

TOWNSHIP 24 South

RANGE 32 East

NM PM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A path of 11 squares is highlighted, starting at square 11 and ending at square 23. The path consists of the following squares: 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, and 23.

TENNECO CORPORATION-USA Jennings No. 1 in Unit C of Section 14-24-32.

Completed in Delaware July 30, 1962. Top of perforations 4961.5'

ADDITION-----CURTIS HANKAMER-Earnest Federal No. 1 in Unit E of Section 23-24-32.

Completed in Delaware August 17, 1962. Top of perforations 4923'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 11: SE/4

SECTION 14: N/2

~~SECTION 15: NE/4~~

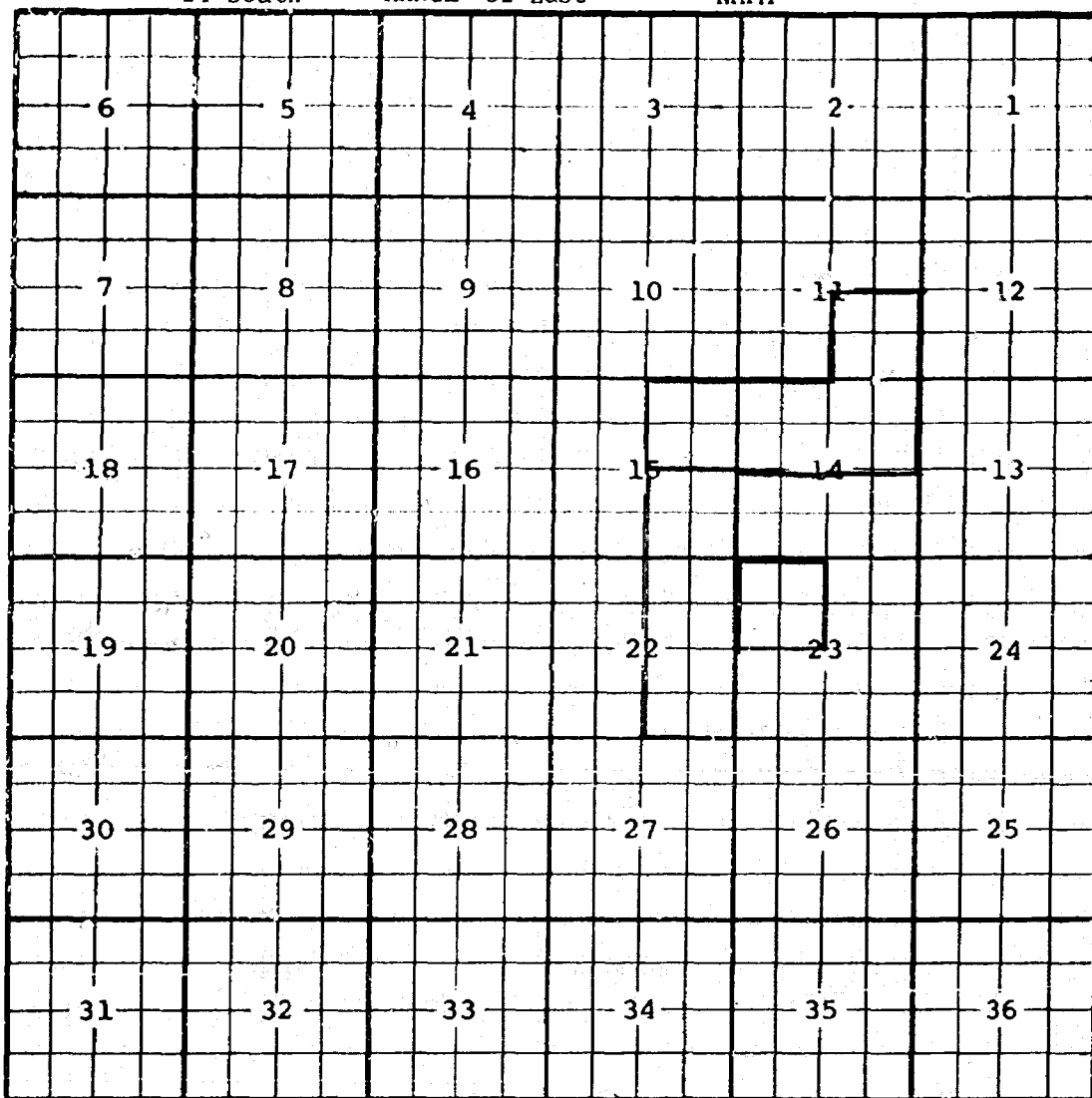
ADDITION---SECTION 23: NW/4





POOL DOUBLE X-DELAWARE

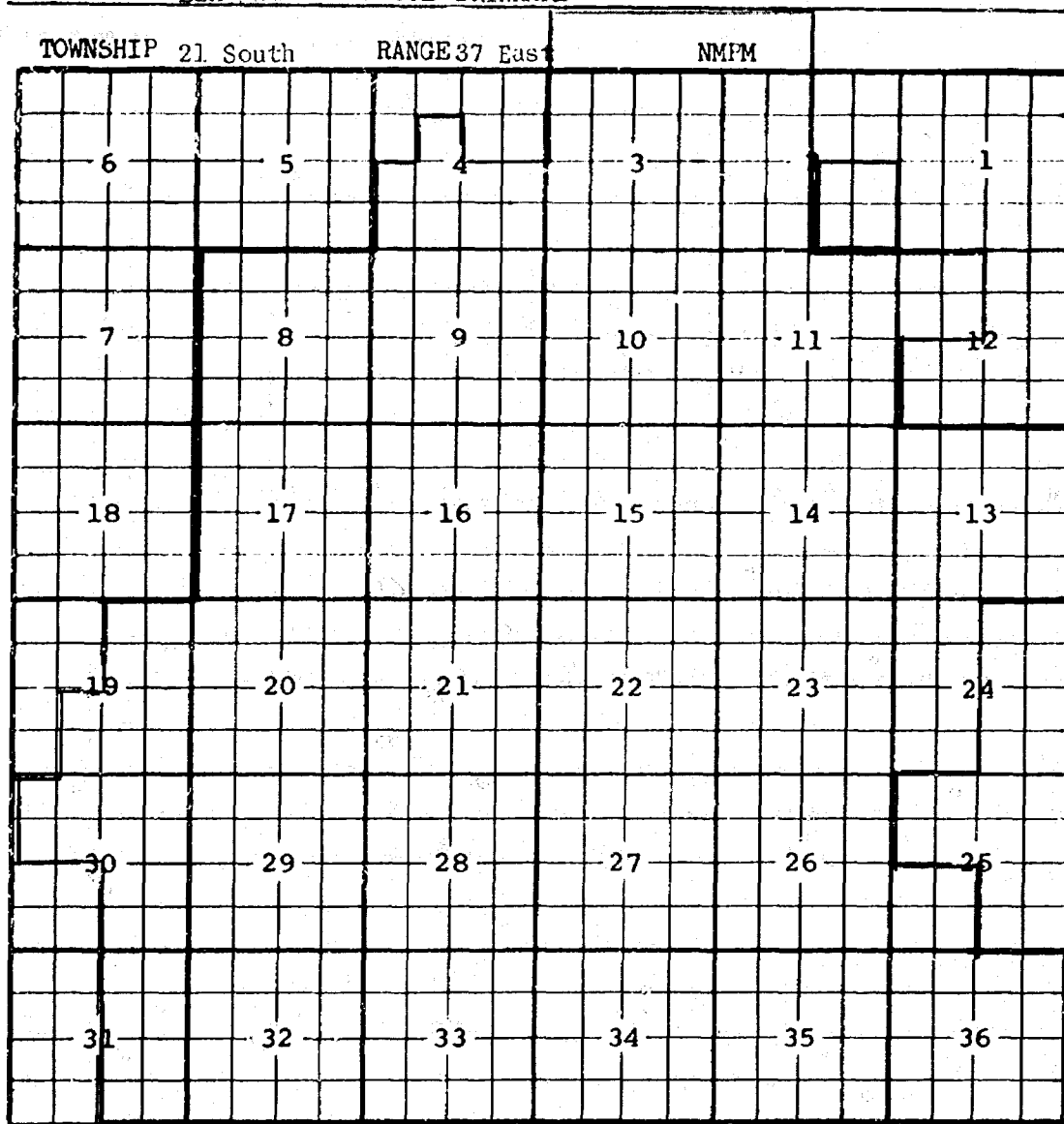
**NMPM**



ADDITION-----SECTION 23: NW/4

CASE 2637: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DRINKARD



PURPOSE: (1) One completed oil well capable of producing.  
 GULF OIL CORPORATION Harry Leonard (NCT-F) No. 4 in Unit W of Section 2-21-37.  
 Completed in Drinkard July 23, 1962. Top of Perforations 6770'

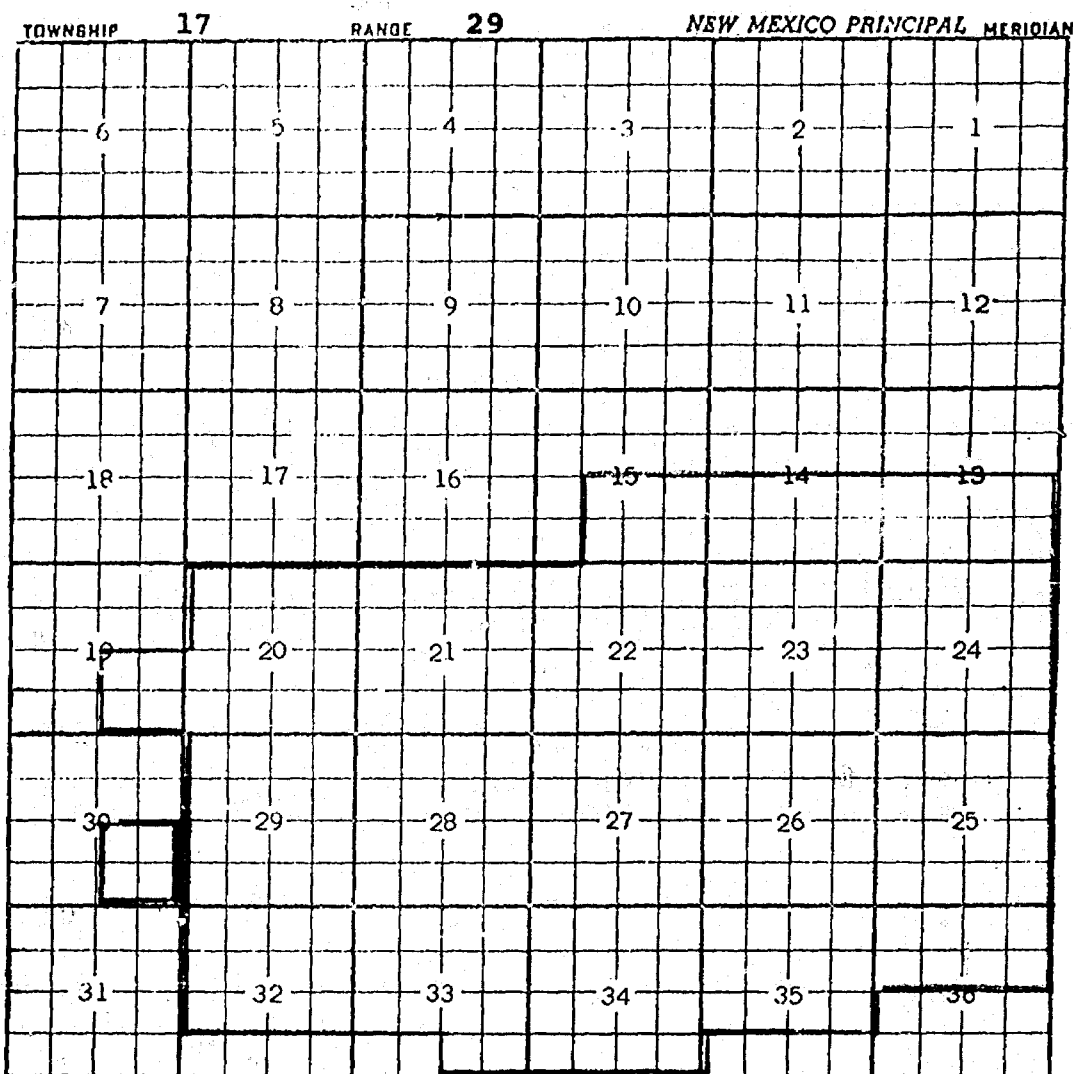
Pool boundary colored in red.  
 Proposed extension colored in green. SECTION 2: SE/4

County Eddy Pool Empire Abo

TOWNSHIP	17	RANGE	29	NEW MEXICO PRINCIPAL	MERIDIAN
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.Leonard Oil Co. State B 1266, No. 16 in Unit P of Section29-17-29. Completed in Abo, June 1, 1962.Top of perforations 6223'.Addition: General American Oil Co. of Texas Green A, No. 7in unit E of Section 29-17-29. Completed inAbo, February 16, 1962. Top of perforations6282'.Pool boundary colored in red.Proposed extension colored in green. Section 29: SE/4Addition: Section 29: S/2 NW/4 ✓

County Eddy Pool Grayburg Jackson

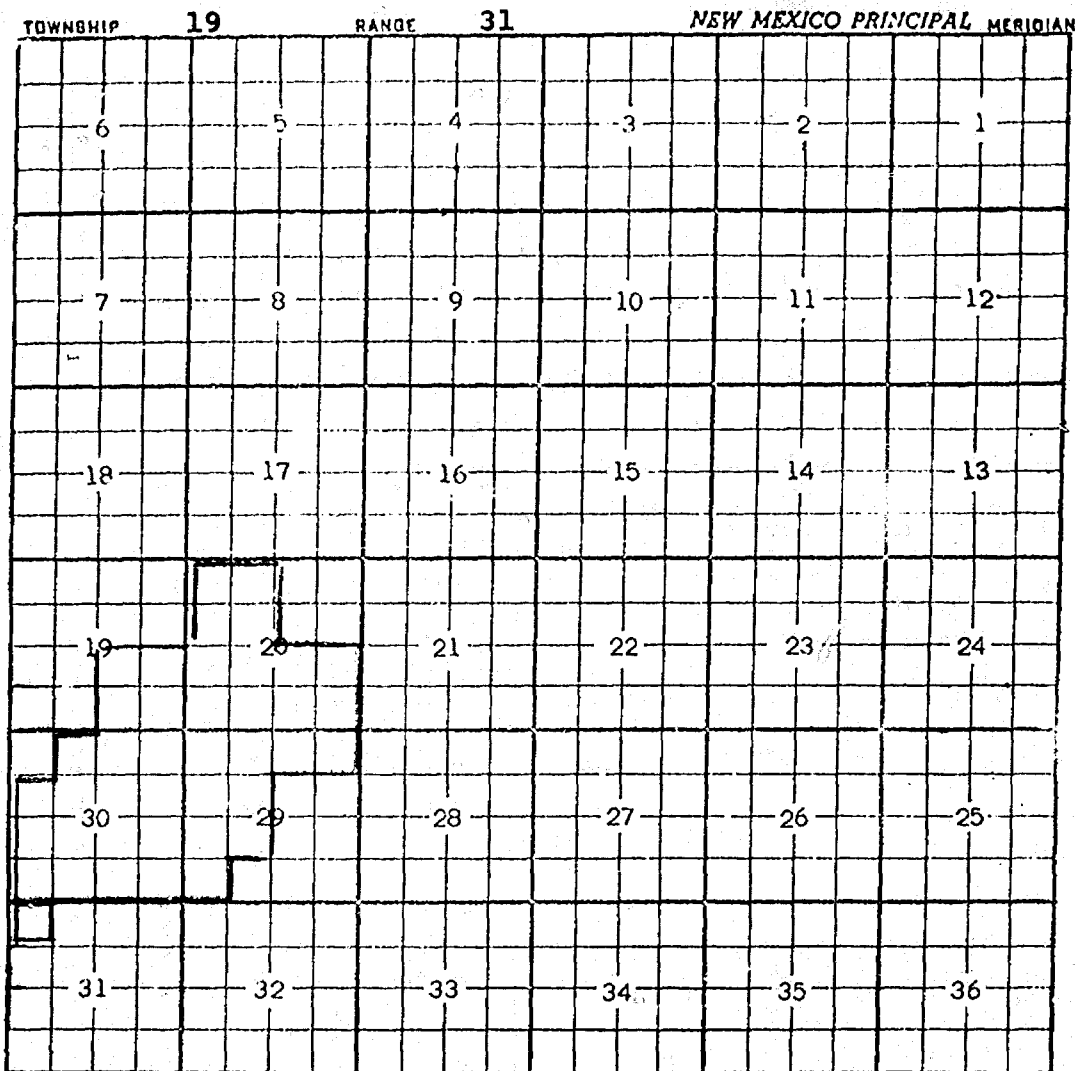


Purpose: One completed oil well capable of producing,  
Western Development Co. of Delaware - Leonard Federal No. 9  
in Unit J of Section 30-17-29. Completed in Grayburg-San  
Andres, July 18, 1962. Top of perforations 2406'.

Pool boundary colored in red.  
Proposed extension colored in green. Section 30: SE/4

CASE 2637: (n) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool North Hackberry - Yates



Purpose: One completed oil well capable of producing.

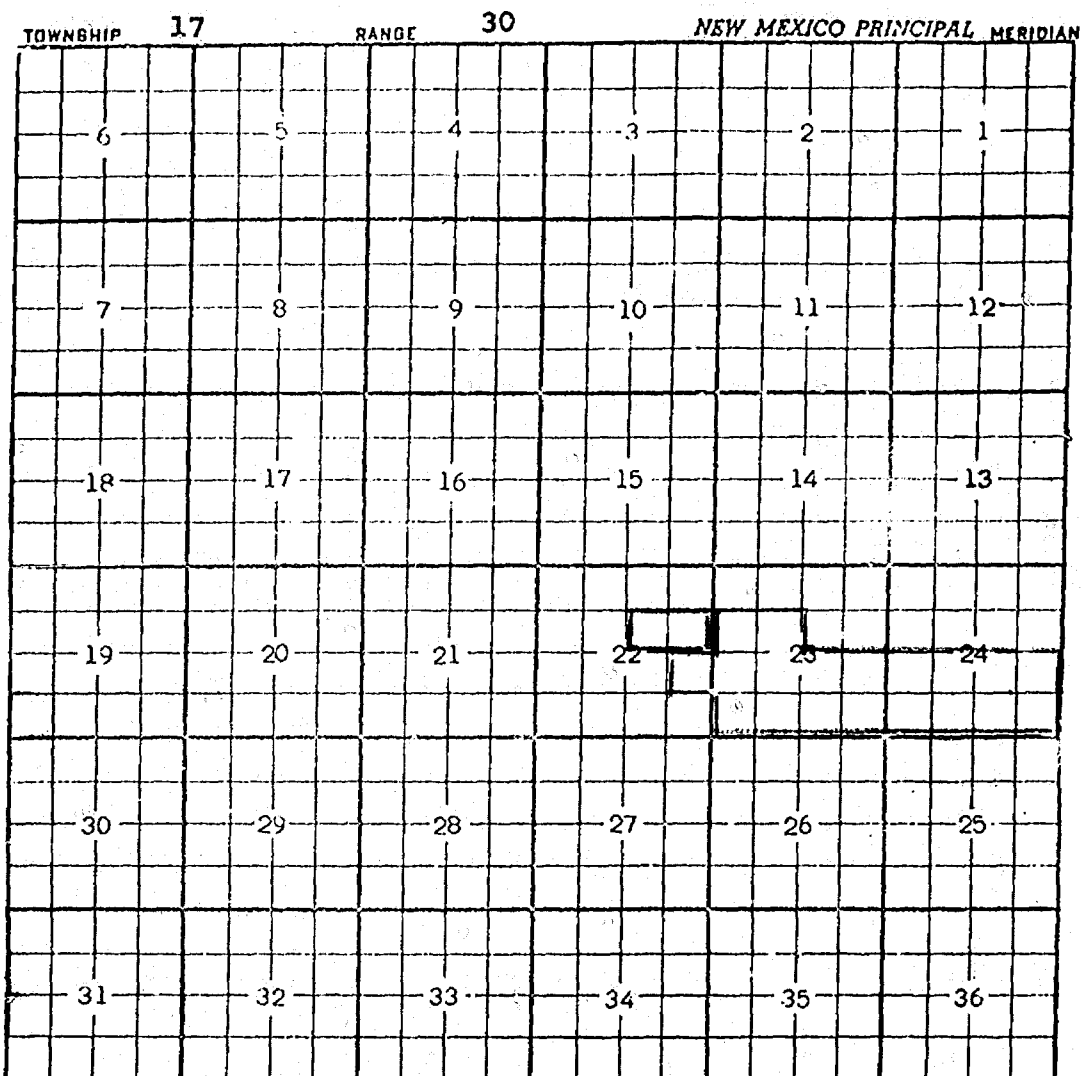
Cactus Drilling Co. Brooke Adams Federal No. 1 in Unit D  
of Section 31-19-31. Completed in Yates, June 24, 1962.

Top of perforations 1940'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 31: NW/4 NW/4

County Eddy Pool Jackson -Abo



Purpose: One completed oil well capable of producing.

General American Oil Co. of Texas Parke No. 2 in Unit H

of Section 22-17-30. Completed in Abo, July 17, 1962.

Top of perforations 6905'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 22: S/2 NE/4

CASE 2637: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LEA-DEVONIAN

TOWNSHIP 20 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: (1) One completed oil well capable of producing.  
 THE OHIO OIL COMPANY-Lea Unit No. 9 in Unit B of Section 13-20-34.  
 Completed in Devonian July 9, 1962. Top of Perforations 14,318'

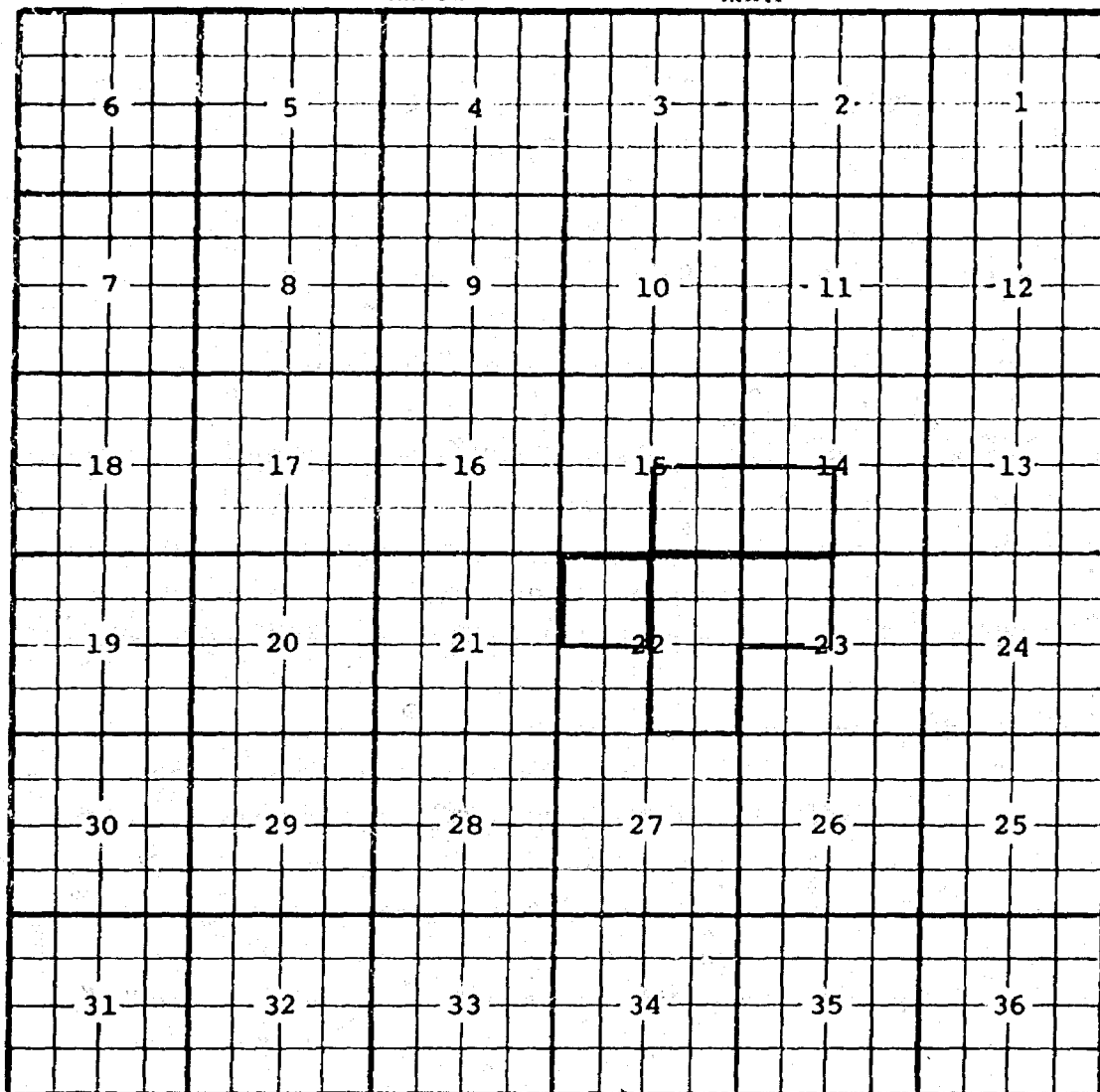
Pool boundary colored in red.

Proposed extension colored in green; SECTION 13: NE/4

CASE 2637: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MEDICINE ROCK-DEVONIAN

TOWNSHIP 15 South RANGE 38 East NMPM



PURPOSE: Three (3) completed oil wells capable of producing.

SINCLAIR OIL & GAS COMPANY-C. S. Stone No. 3 in Unit F of Section 22-15-38.  
Completed in Devonian April 12, 1962. Top of perforations 12,738'

TRI-SERVICE DRILLING COMPANY-S. P. Johnson et al No. 1 in Unit L of Section  
14-15-38. Completed in Devonian June 14, 1962. Top of perforations 12,783'

THE ATLANTIC REFINING COMPANY-Graham No. 1 in Unit O of Section 15-15-38.  
Completed in Devonian July 11, 1962. Top of perforations 12,788'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 14: SW/4

SECTION 15: SE/4

SECTION 22: NW/4



COUNTY LEA POOL MESCALERO-SAN ANDRES

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with 1 in the top right and 36 in the bottom left. A path of 10 squares is highlighted with a thick black border. The path starts at square 14 (row 3, column 5) and ends at square 22 (row 4, column 4). The path consists of the following squares: 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23.

CITIES SERVICE PRODUCTION COMPANY-State BL No. 1 in Unit E of Section

Pool boundary colored in red.

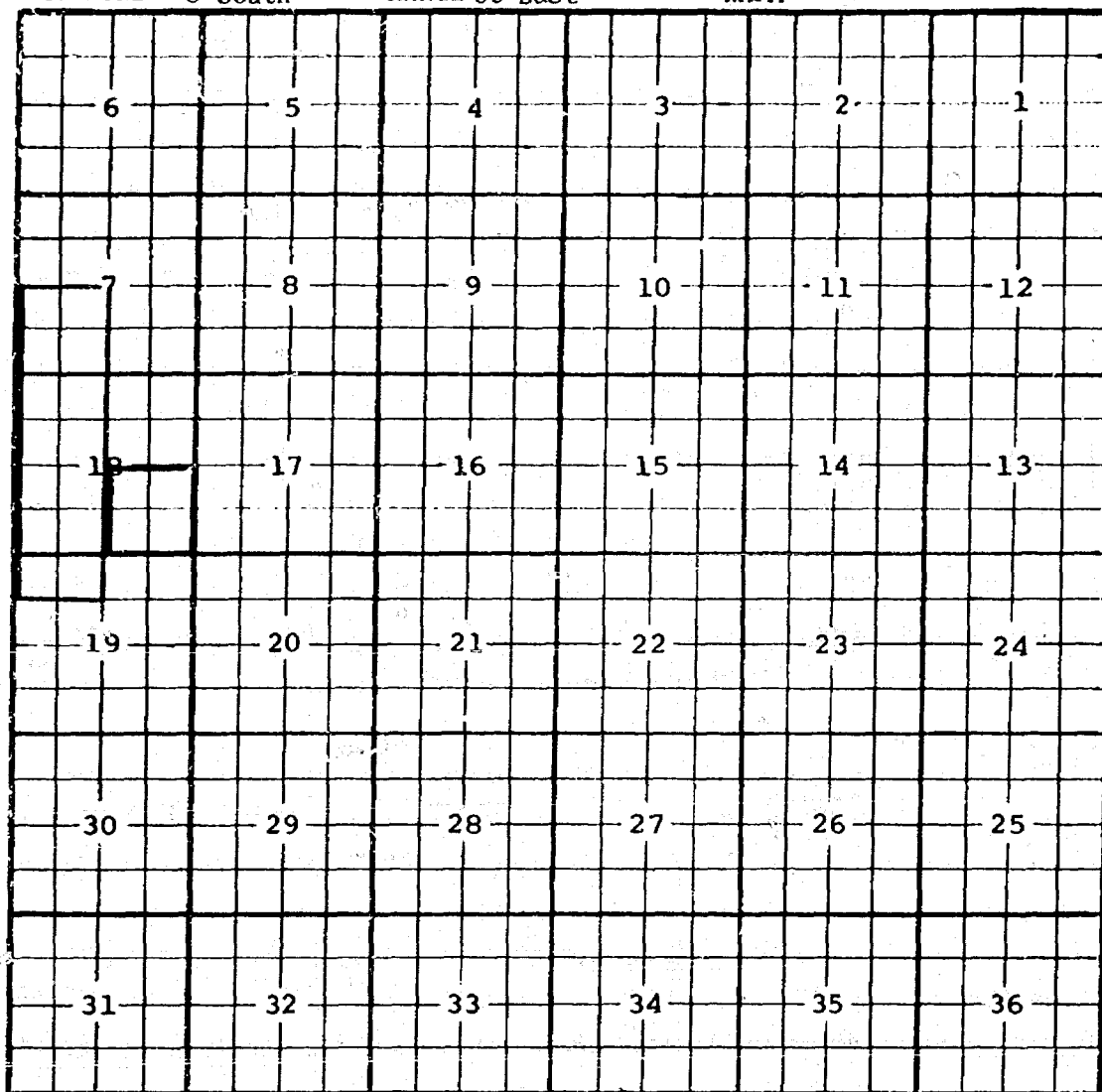
Proposed extension colored in green. SECTION 14: W/2

SECTION 23: W/2

CASE 2637: (s) EXTENSION OF AN EXISTING OIL POOL

COUNTY ROOSEVELT POOL MILNESAND-SAN ANDRES

TOWNSHIP 8 South RANGE 35 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

EL CHORRO EXPLORATION, INC.-Jacobs Federal No. 8 in Unit 0 of Section 18-8-35. Completed in San Andres July 22, 1962. Top of perforations 4545'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 18: SE/4

CASE 2637: (t) EXTENSION OF AN EXISTING OIL POOL

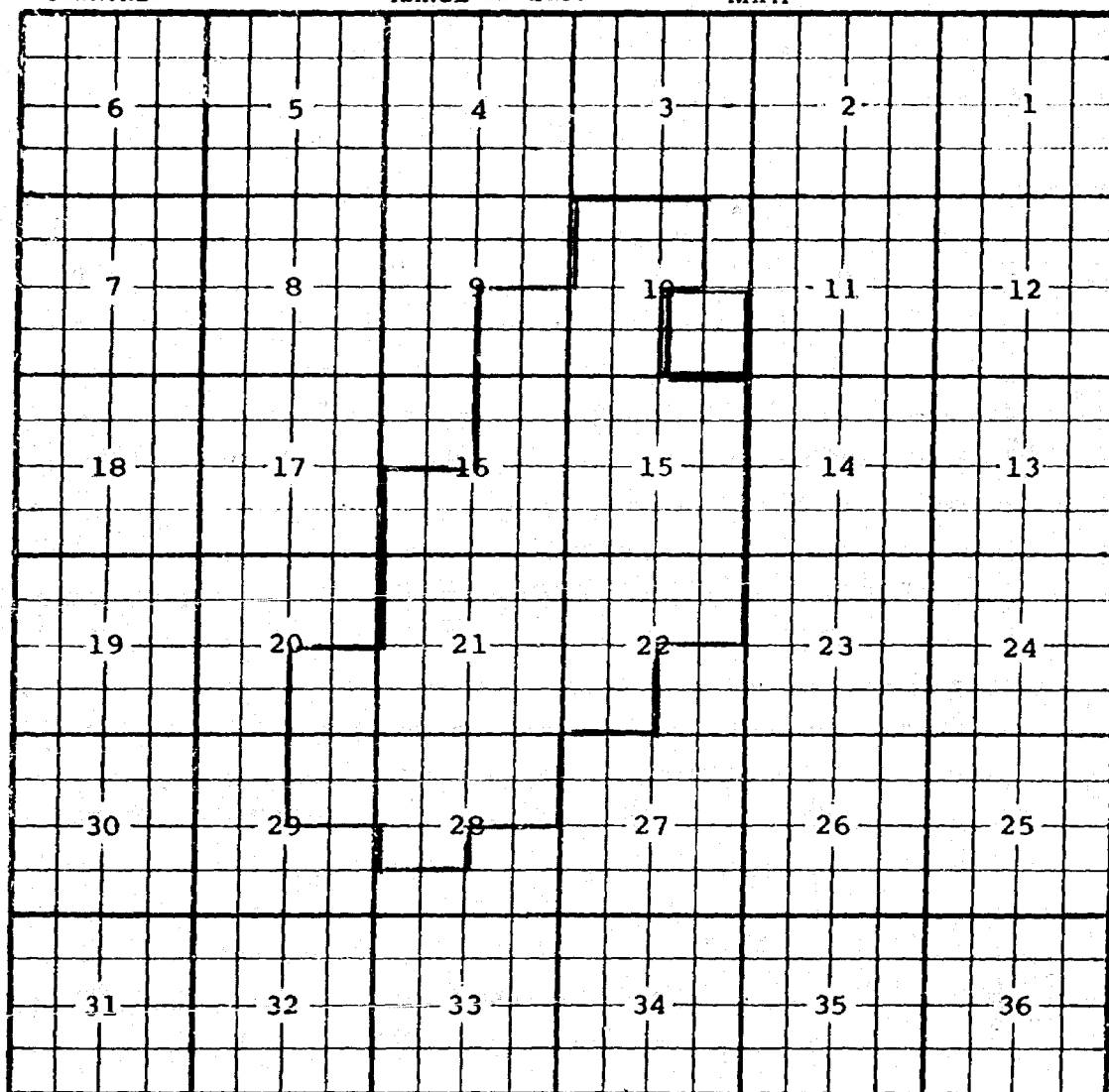
COUNTY LEA

POOL PADUCA-DELAWARE

TOWNSHIP 25 South

RANGE 32 East

NMFM



PURPOSE: One (1) completed oil well capable of producing.

TEXACO, INC.-Cotton Draw Unit No. 62 in Unit J of Section 10-25-32.

Completed in Delaware July 4, 1962. Top of perforations 4775'

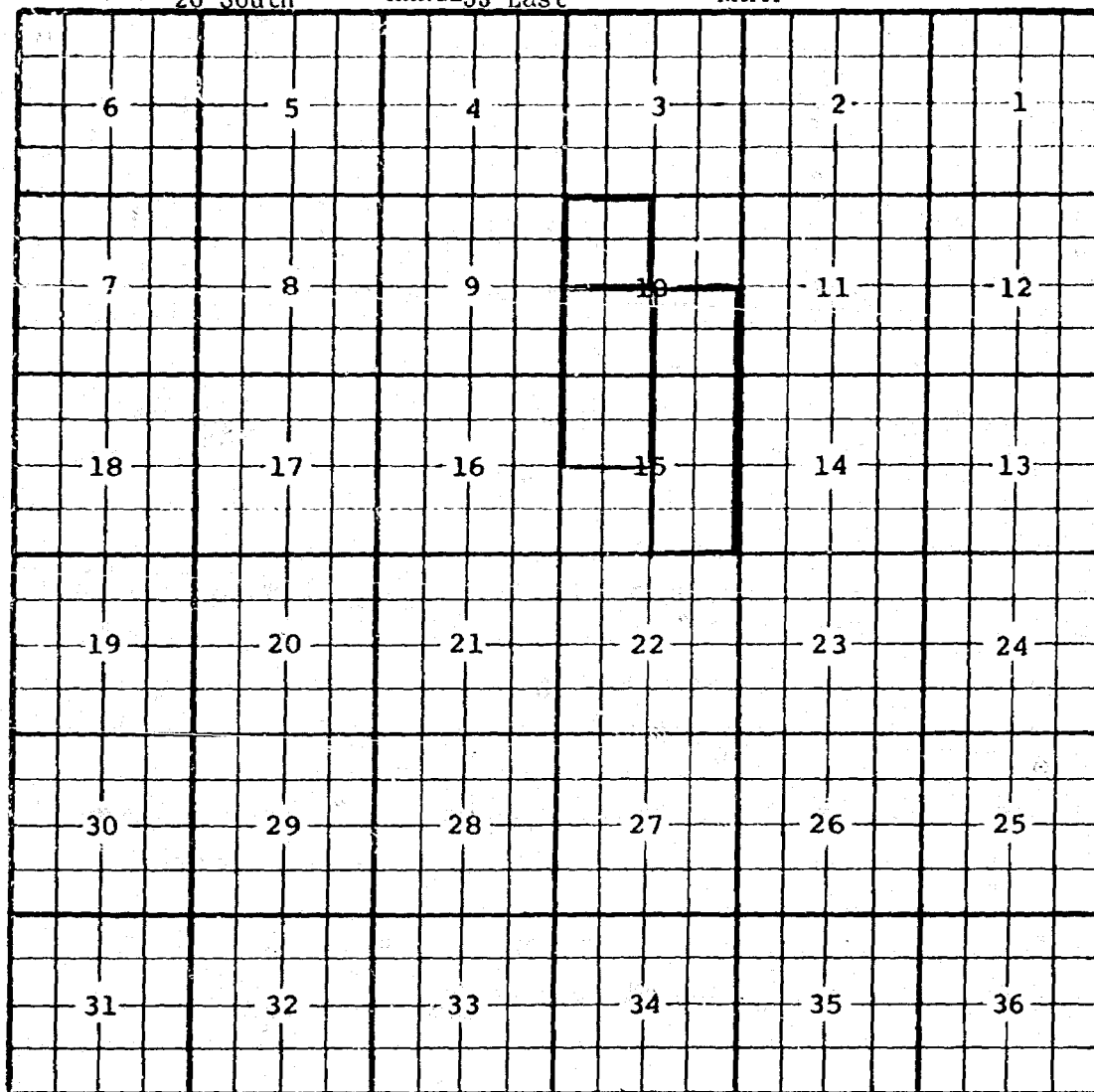
Pool boundary colored in red.

Proposed extension colored in green. SECTION 10: SE/4

CASE 2637: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SALADO DRAW-DELAWARE

TOWNSHIP 26 South RANGE 33 East NMPM

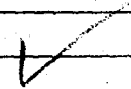


PURPOSE: Four (4) completed oil well capable of producing.  
 COASTAL STATES GAS PRODUCING COMPANY-Conoco Federal No. 3 in Unit J of  
 Section 15-26-33. Completed in Delaware June 11, 1962. Top of perforations 5031'  
 COASTAL STATES GAS PRODUCING COMPANY-Conoco Federal No. 2 in Unit B of  
 Section 15-26-33. Completed in Delaware June 21, 1962. Top of perforations 5051'  
 COASTAL STATES GAS PRODUCING COMPANY-Goedeke Federal No. 2 in Unit J of  
 Section 10-26-33. Completed in Delaware June 30, 1962. Top of perforations 5048'  
 ADDITION-----HUMBLE OIL & REFINING COMPANY-Malcolm Madera B No. 1 in Unit F of Section 10-26-33.  
 Completed in Delaware August 21, 1962. Top of perforations 5059'  
 Pool boundary colored in red.

Proposed extensions colored in green. SECTION 10: SE/4

SECTION 15: E/2

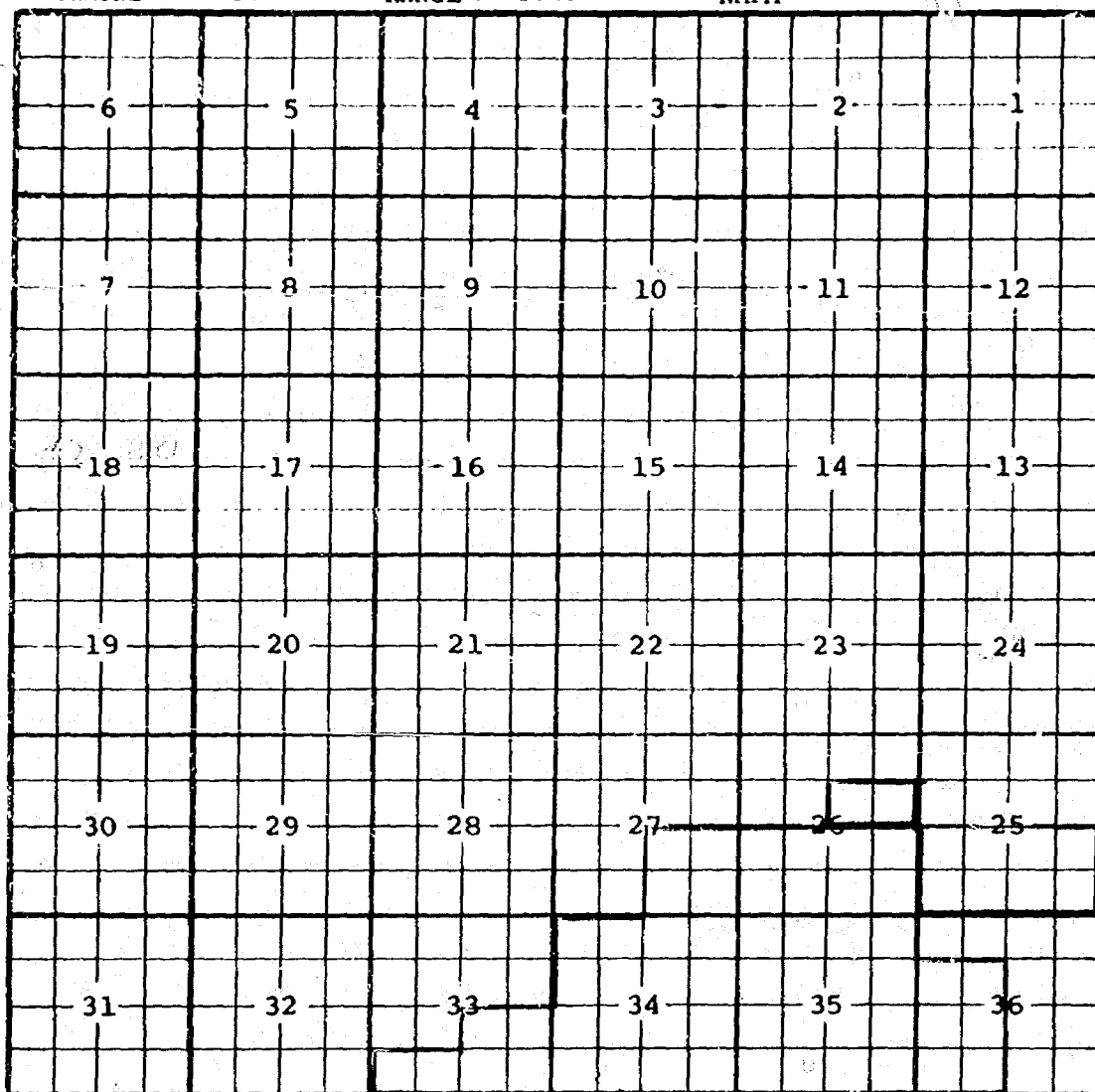
ADDITION-----SECTION 10: NE/4



CASE 2637: (v) EXTENSION OF AN EXISTING OIL POOL (CONTINUED ON NEXT PAGE)

COUNTY LEA POOL VACUUM-ABO

TOWNSHIP 17 South RANGE 35 East NMPM



PURPOSE: Six (6) oil wells completed and capable of producing.

PHILLIPS PETROLEUM COMPANY-Santa Fe No. 70 in Unit G of Section 26-17-35.

Completed in Abo July 13, 1962. Top of perforations 8640'

STANDARD OIL COMPANY OF TEXAS-State 4-25 No. 1 in Unit B of Section 25-17-35.

Completed in Abo July 16, 1962. Top of perforations 8632'

PHILLIPS PETROLEUM COMPANY-Santa Fe No. 71 in Unit H of Section 26-17-35.

Completed in Abo August 17, 1962. Top of perforations 8600'

Pool boundary colored in red.

Proposed extension colored in green: SECTION 25: S/2

SECTION 26: S/2 NE/4

CASE 2637: (v) EXTENSION OF AN EXISTING OIL POOL (CONTINUED ON NEXT PAGE)

COUNTY LEA POOL VACUUM-ABO

TOWNSHIP 18 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: As stated on page one of this exhibit.

HUMBLE OIL & REFINING COMPANY-New Mexico State BO No. 2 in Unit I of Section 12-18-34. Completed in Abo June 27, 1962. Top of perforations 8702'

ADDITION-----HUMBLE OIL & REFINING COMPANY-New Mexico State BO No. 3 in Unit J of Section 12-18-34. Completed in Abo August 11, 1962. Top of perforations 8870'

Pool boundary colored in red.

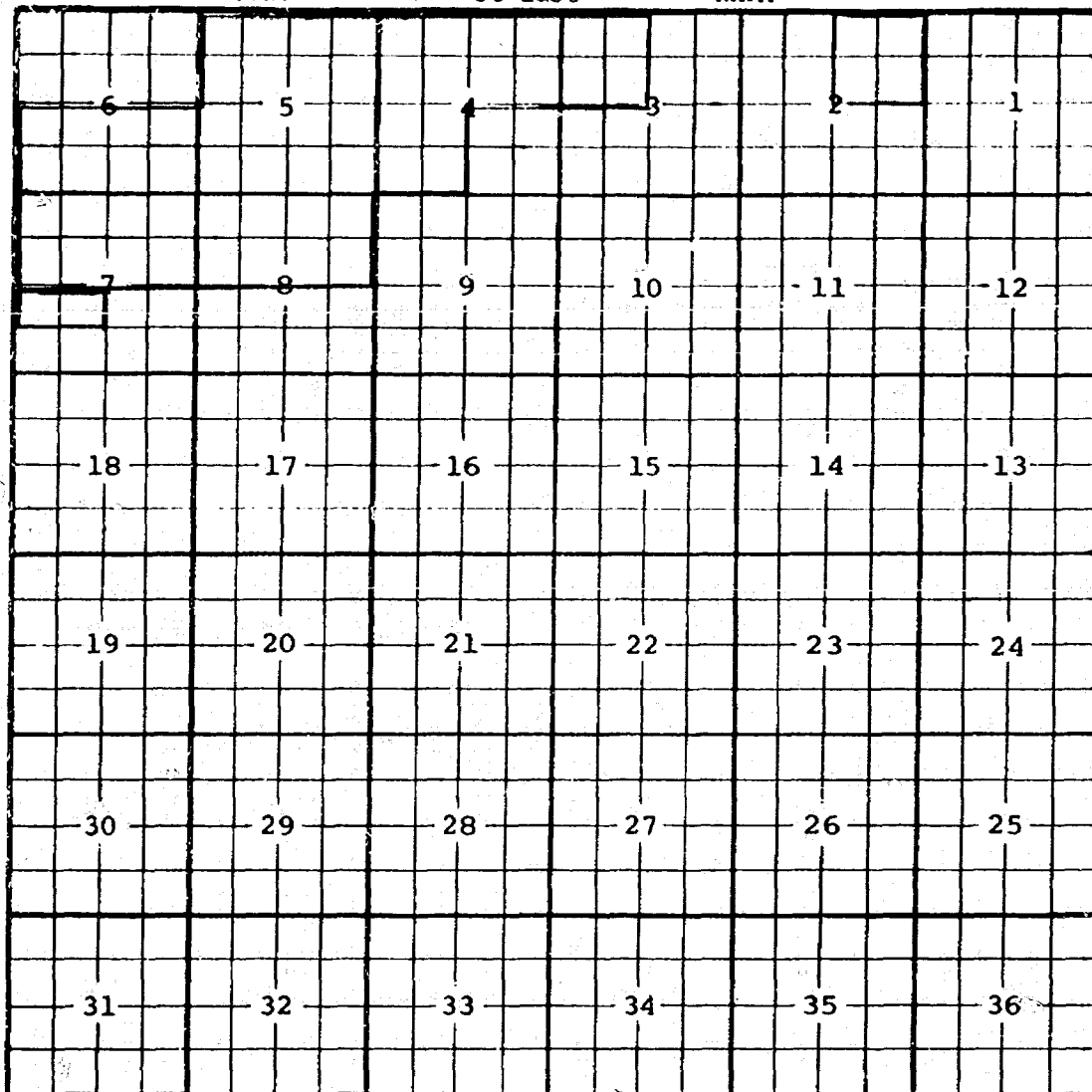
Proposed extensions colored in green. SECTION 12: E/2 SE/4

ADDITION-----SECTION 12: W/2 SE/4

CASE 2637: (v) EXTENSION OF AN EXISTING OIL POOL (CONTINUED)

COUNTY LEA POOL VACUUM-ABO

TOWNSHIP 18 South RANGE 35 East NMPM



PURPOSE: As stated on page one of this exhibit.

FOREST OIL CORPORATION-State B Lee No. 4 in Unit Lof Section 7-18-35.

Completed in Abo July 24, 1962. Top of perforations 8348'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 7: N/2 SW/4

NEW POOLS

(a) It is recommended that a new Oil pool be created and designated as the NORTH BAGLEY UPPER-PENNSYLVANIAN Pool.

Vertical limits to be the Upper-Pennsylvanian formation and the horizontal limits should be ~~as follows:~~ as shown in Paragraph (a) Exhibit I SPECIAL VERTICAL LIMITS SEE Paragraph A

Discovery well was Cabot Corporation Mary Ellen Dallas No. 1 located in Unit P Section 15 Township 11 Range 33 and was completed on June 12, 1962 ~~with an initial potential of \$\$\$\$ BOPD/MCFPD~~ Top of perforations is at 9475 feet.

(b) It is recommended that a new Oil pool be created and designated as the NORTH BAGLEY LOWER-PENNSYLVANIAN Pool.

Vertical limits to be the Lower-Pennsylvanian formation and the horizontal limits should be ~~as follows:~~ shown in Paragraph (b) Exhibit I SPECIAL VERTICAL LIMITS SEE Paragraph B

Discovery well was Pool created from abolished North Bagley Pennsylvanian Pool. located in Unit      Section      Township      Range      and was completed on      with an initial potential of      BOPD/MCFPD. Top of perforations is at      feet.

(c) It is recommended that a new Oil pool be created and designated as the CAR-SEVEN RIVERS Pool.

Vertical limits to be the SEVEN RIVERS formation and the horizontal limits should be ~~as follows:~~ shown in Paragraph (c) Exhibit I

Discovery well was Ray Smith, Federal No. 1 located in Unit H Section 21 Township 18 Range 29 and was completed on February 6, 1962 ~~with an initial potential of \$\$\$\$ BOPD/MCFPD~~ Top of perforations is at 1634 feet.



NEW POOLS

(d) It is recommended that a new Oil pool be created and designated as the FREN-PADDOCK Pool.

Vertical limits to be the PADDOCK formation and the horizontal limits should be ~~as follows~~ shown in Paragraph (d) Exhibit I

Discovery well was Skelly Oil Company, Dow B. No. 39 located in Unit G Section 21 Township 17 Range 31 and was completed on June 11, 1962 ~~with an initial potential of \$100,000~~ Top of perforations is at 4864 feet.

(e) It is recommended that a new oil pool be created and designated as the WEST HUME-QUEEN Pool.

Vertical limits to be the QUEEN formation and the horizontal limits should be ~~as follows~~ shown in Paragraph (e) Exhibit I

Discovery well was DOB Oil Properties, Inc., Pure State No. 1 located in Unit G Section 15 Township 16 Range 33 and was completed on June 27, 1962. ~~with an initial potential of \$100,000~~ Top of perforations is at 3927 feet.

(f) It is recommended that a new Oil pool be created and designated as the ROUND TANK-SAN ANDRES Pool.

Vertical limits to be the SAN ANDRES formation and the horizontal limits should be ~~as follows~~ shown in paragraph (f) Exhibit I

Discovery well was Kern County Land Company, State Mullis No. 1 located in Unit D Section 30 Township 15 Range 29 and was completed on April 28, 1962. ~~with an initial potential of \$100,000~~ Top of perforations is at 2960 feet.

Docket No. 27-62

CASE-2637:

Southeastern New Mexico nomenclature case calling for an order creating, changing vertical limits, changing pool name and extending certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Upper-Pennsylvanian production designated as the North Bagley Upper-Pennsylvanian Pool and described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
Section 15: SE/4

Special Vertical Limits, Top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(b) Create a new pool classified as an oil pool for Lower-Pennsylvanian production, designated as the North Bagley Lower-Pennsylvanian Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
Section 10: W/2  
Section 15: W/2  
Section 16: S/2

Special Vertical Limits, top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian Formation, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(c) Create a new oil pool for Seven Rivers production, designated as the Car-Seven-Rivers Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
Section 21: NE/4

(d) Create a new oil pool for Paddock production, designated as the Fren-Paddock Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
Section 21: NE/4

No. 27-62

DOCKET: REGULAR HEARING - THURSDAY - SEPTEMBER 13, 1962

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

- ALLOWABLE: (1) Consideration of the oil allowable for October, 1962.
- (2) Consideration of the allowable production of gas for October, 1962, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for October, 1962.

CASE 2636: In the matter of the application of the Oil Conservation Commission upon its own motion to change the time and place of certain hearings. The Commission proposes to change the date and place of the October regular hearing to 9:00 o'clock a.m., OCTOBER 18, 1962, at the FARMINGTON CITY HALL, 800 MUNICIPAL DRIVE, FARMINGTON, NEW MEXICO. The Commission further proposes to change the date of the December regular hearing to 9:00 o'clock a.m., December 19, 1962, Morgan Hall, State Land Office Building, Santa Fe, New Mexico.

CASE 2049: (Reopened and Continued)  
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for the Devils Fork-Gallup Pool, Rio Arriba County, New Mexico. Case 2049 will be reopened pursuant to Order No. R-1670-B to permit interested parties to appear and present testimony relative to the effectiveness of the special rules and regulations for the Devils Fork-Gallup Pool.

CASE 2504: (Rehearing)  
Application of Consolidated Oil & Gas Inc., for an amendment of Order No. R-1670-C, changing the allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba and Sandoval Counties, New Mexico. Applicant seeks an amendment of Order No. R-1670-C to establish an allocation formula based 60% on acreage and 40% on acreage times deliverability. The Commission will hear opening statements and under the provisions of Rule 1214, and Rule 1215, may refer the presentation of evidence concerning recoverable reserves in the Basin-Dakota Gas Pool to Daniel S. Nutter, duly appointed examiner, or A. L. Porter, Jr., alternate examiner. The Commission would then hear all closing arguments.

- (l) Extend the Empire-Abo Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 29: SE/4
- (m) Extend the Grayburg-Jackson Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 30: SE/4
- (n) Extend the North Hackberry-Yates Pool to include:  
TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
Section 31: NW/4 NW/4
- (o) Extend the Jackson-Abo Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 22: S/2 NE/4
- (p) Extend the Lea-Devonian Pool to include:  
TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
Section 13: NE/4
- (q) Extend the Medicine Rock-Devonian Pool to include:  
TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM  
Section 14: SW/4  
Section 15: SE/4  
Section 22: NW/4
- (r) Extend the Mescalero-San Andres Pool to include:  
TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
Section 14: W/2  
Section 23: W/2
- (s) Extend the Milnesand-San Andres Pool to include:  
TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
Section 18: SE/4
- (t) Extend the Paduca-Delaware Pool to include:  
TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
Section 10: SE/4

- (e) Create a new oil pool for Queen production, designated as the West Hume-Queen Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPPM  
Section 15: NE/4

- (f) Create a new oil pool for San Andres production, designated as the Round Tank-San Andres Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPPM  
Section 30: NW/4

- (g) Abolish the North Bagley-Pennsylvanian Pool, described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPPM  
Section 10: W/2  
Section 15: W/2  
Section 16: S/2

- (h) Abolish the North Double X-Delaware Pool, described as:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPPM  
Section 11: SE/4

- (i) Extend the vertical limits of the North Burton-Atoka Gas Pool to include the Pennsylvanian formation and change the Pool name to North Burton-Pennsylvanian Pool inasmuch as pool is producing from the Morrow and Pennsylvanian formations, and described as:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPPM  
Section 32: NW/4

- (j) Extend the Double X-Delaware Pool to include:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPPM  
Section 11: SE/4  
Section 14: N/2  
Section 15: NE/4

- (k) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPPM  
Section 2: SE/4

- (u) Extend the Salado Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM

Section 10: SE/4

Section 15: E/2

- (v) Extend the Vacuum-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 25: S/2

Section 26: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM

Section 12: E/2 SE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 7: N/2 SW/4

CASE 2638:

Northwestern New Mexico Nomenclature case calling for an order extending existing pools in Rio Arriba, Sandoval and San Juan Counties, New Mexico.

- (a) Extend the South Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 6: SW/4

Section 7: All

Section 18: All

Section 19: NW/4

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM

Section 1: NE/4

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM

Section 31: All

Section 33: S/2

- (b) Extend the Tapacito-Pictured Cliffs Pool to include:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 6: E/2

Section 7: NE/4

- (c) Extend the Bisti-Lower Gallup Oil Pool to include:

TOWNSHIP 25 NORTH, RANGE 13 WEST, NMPM

Section 2: NE/4

lqg/

September 24, 1962

Sunray DX Oil Company  
P. O. Box 128  
Hobbs, New Mexico

Re: Commission Order R 2313

Gentlemen:

As the result of the above referencial Commission Order, your N.M. St. Q well has been placed in the North Burton-Pennsylvanian Gas Pool from the North Burton Atoka Gas Pool. Please file Form #C-110 showing this change in pool designation.

Very Truly yours,

R. L. Stamets

RLS/uh

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. 2637  
ORDER NO. R-2313

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING, ABOLISHING, GIVING  
SPECIAL VERTICAL LIMITS,  
CHANGING VERTICAL LIMITS AND  
CHANGING POOL NAMES AND EXTENDING  
CERTAIN POOLS IN CHAVES, EDDY,  
LEA AND ROOSEVELT COUNTIES,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on September 13, 1962, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NCW, on this day of September, 1962, 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 subject matter therein.

(2) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Upper-Pennsylvanian formation, said pool to bear the designation of North Bagley Upper-Pennsylvanian Pool. Said North Bagley Upper-Pennsylvanian Pool was discovered by Cabot Corporation, Mary Ellen Dallas No. 1, located in the SE/4, Unit P, of Section 15, Township 11 South, Range 33 East, NMPM. It was completed June 12, 1962. The top of perforations is 9475 feet. Special vertical limits, top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(3) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Lower-Pennsylvanian formation, said pool to bear the designation of North Bagley Lower-Pennsylvanian Pool. Said North Bagley Lower-Pennsylvanian Pool was created to take in area from abolished North Bagley-Pennsylvanian Pool. Special vertical limits, top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian formation, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico for the production of oil from the Seven Rivers formation, said pool to bear the designation of Car-Seven Rivers Pool. Said Car-Seven Rivers Pool was discovered by Ray Smith, Federal No. 1, located in the NE/4, Unit H, of Section 21, Township 18 South, Range 29 East, NMPM. It was completed February 6, 1962. The top of perforations is 1634 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico for the production of oil from the Paddock formation, said pool to bear the designation of Fren-Paddock Pool. Said Fren-Paddock Pool was discovered by Skelly Oil Company, Dow B, No. 39, located in the NE/4, Unit G, of Section 21, Township 17 South, Range 31 East, NMPM. It was completed June 11, 1962. The top of perforations is 4864 feet.



(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of West Hume-Queen Pool. Said West Hume-Queen Pool was discovered by DOB Oil Properties, Inc., Pure State No. 1, located in the NE/4 ~~Unit C~~, Unit G, of Section 15, Township 16 South, Range 33 East, NMPM. It was completed June 27, 1962. The top of perforations is 3927 feet.

(7) That there is need for the creation of a new pool in Chaves County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation of Round Tank-San Andres Pool. Said Round Tank-San Andres Pool was discovered by Kern County Land Company, State Mullis No. 1, located in the NW/4 ~~Unit D~~, Unit D, of Section 30, Township 15 South, Range 29 East, NMPM. It was completed April 28, 1962. The top of perforations is 2960 feet.

(8) That there is need for the abolishment of the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to redefine vertical limits and change pool name, due to Upper-Pennsylvanian production in same area. Pool recreated as the North Bagley Lower-Pennsylvanian Pool.

(9) That there is need for the abolishment of the North Double X-Delaware Pool in Lea County, New Mexico because pool is now contiguous with the Double X-Delaware Pool and has same reservoir. Abolished acreage to be extended to Double X-Delaware Pool.

(10) Extend the vertical limits of the North Burton-Atoka Gas Pool and thereby permit the production of gas from the Pennsylvanian formation and change the pool name to North Burton-Pennsylvanian Gas Pool.

(11) That there is need for certain extensions to the Empire-Abo Pool, the Grayburg-Jackson Pool, the North Hackberry-Yates Pool and the Jackson-Abo Pool, all in Eddy County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, New Mexico, the Double X-Delaware Pool, the Drinkard Pool, the Lea-Devonian Pool, the Medicine Rock-Devonian Pool, the Mescalero-San Andres Pool, the Paduca-Delaware Pool, the Salado Draw-Delaware Pool, and the Vacuum-Abo 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 Upper-Pennsylvanian Production, is hereby created and designated as the North Bagley Upper-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 14: SW/4 ~~SW/4~~  
SECTION 15: SE/4  
SECTION 23: NW/4 ~~SECTION 22: NE/4 NE/4~~

Special Vertical Limits, Top pool at -4783 feet subsea, bottom of pool at -5727 feet subsea, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Lower-Pennsylvanian production, is hereby created and designated as the North Bagley Lower-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

Special Vertical Limits, Top pool at -5727 feet subsea, bottom of pool at the base of the Pennsylvanian formation, as in Texas Pacific Coal and Oil Company's J. P. Collier Well No. 1, Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(c) That a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the Car-Seven Rivers Pool, consisting of the following described area:

✓ TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
SECTION 21: NE/4

(d) That a new pool in Eddy County, New Mexico, classified as an oil pool for Paddock production, is hereby created and designated as the Fren-Paddock Pool, consisting of the following described area:

✓ TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
SECTION 21: NE/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: NE/4

(f) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Round Tank-San Andres Pool, consisting of the following described area:

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM  
SECTION 30: NW/4

(g) That the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, consisting of the following described area:

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

is hereby abolished.

(h) That the North Double X-Delaware Pool in Lea County, New Mexico, consisting of the following described area:

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4

is hereby abolished.

(i) Extend the vertical limits of the North Burton-Atoka Gas Pool, Eddy County, New Mexico to include the Pennsylvanian formation and change the pool name to North Burton-Pennsylvanian Pool inasmuch as pool is producing from the Morrow and Pennsylvanian formations, and described as:

✓ TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
SECTION 32: NW/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4  
SECTION 14: N/2  
SECTION 15: NE/4  
SECTION 23: NW/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SE/4

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

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

(m) 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, NMPM  
SECTION 30: SE/4

(n) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 31: NW/4 NW/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: S/2 NE/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NE/4

(q) That the Medicine Rock-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM  
SECTION 14: SW/4  
SECTION 15: SE/4  
SECTION 22: NW/4

(r) That the Mescalero-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
SECTION 14: W/2  
SECTION 23: W/2

(s) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
SECTION 18: SE/4

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

✓ TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: SE/4

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

✓ TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: SE/4 & NW/4  
SECTION 15: E/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 25: S/2  
SECTION 26: S/2 NE/4

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 12: SE/4

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 7: N/2 SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, special vertical limits, changes of vertical limits and change of pool names and extensions shall be October 1, 1962.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. Walker, Member

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

S E A L

Posted  
A. R. H.

NOMENCLATURE ADVERTISEMENT FOR SEPTEMBER 1962  
CASE \_\_\_\_\_

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, abolishments of certain pools, change of vertical limits and change of pool names and extensions 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, abolishments, change of vertical limits, change of pool names and extensions should not be made.

- a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Upper-Pennsylvanian production, designated as the North Bagley-Upper-Pennsylvanian Pool, and described as; with special vertical limits.

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: SE/4

- b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Lower-Pennsylvanian production, designated as the North Bagley-Lower-Pennsylvanian Pool, and described as; with special vertical limits.

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

- c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the Car-Seven Rivers Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
SECTION 21: NE/4

- d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Paddock production, designated as the Fren-Paddock Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
SECTION 21: NE/4

- e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Queen production, designated as the West Hume-Queen Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: NE/4

- f) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Round Tank-San Andres Pool, and described as:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM  
SECTION 30: NW/4

g) ABOLISH the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2  
SECTION 15: W/2  
SECTION 16: S/2

h) ABOLISH the North Double X-Delaware Pool in Lea County, New Mexico, described as:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4

i) EXTEND the vertical limits of the North Burton-Atoka Gas Pool in Eddy County, New Mexico to include the Pennsylvanian formation and change the Pool name to North Burton-Pennsylvanian Pool inasmuch as pool is producing from the Morrow and Pennsylvanian formations, and described as:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
SECTION 32: NW/4

j) EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: SE/4  
SECTION 14: N/2  
SECTION 15: NE/4

k) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SE/4

l) EXTEND the Empire-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 29: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 30: SE/4

n) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 31: NW/4 NW/4

o) EXTEND the Jackson-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: S/2 NE/4

p) EXTEND the Lea-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NE/4

q) EXTEND the Medicine Rock-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM  
SECTION 14: SW/4  
SECTION 15: SE/4  
SECTION 22: NW/4

r) EXTEND the Mescalero-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
SECTION 14: W/2  
SECTION 28: W/2

s) EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
SECTION 18: SE/4

t) EXTEND the Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: SE/4

u) EXTEND the Salado Draw-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: SE/4  
SECTION 15: E/2

v) EXTEND the Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 25: S/2  
SECTION 26: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 12: E/2 SE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 7: N/2 SW/4