

CASE 3696:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case No.

3696

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 3696
Order No. R-3355

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING, REDEFINING
VERTICAL LIMITS, AND EXTENDING CERTAIN
POOLS IN CHAVES, LEA, AND ROOSEVELT
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 15, 1967, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 19th day of December, 1967, 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 oil pool in Lea County, New Mexico, for the production of oil from the McKee formation, said pool to bear the designation of East Brunson-McKee Pool. Further, that the discovery well for said pool, Union Texas Petroleum Corporation's Lee No. 2, located in Unit P of Section 23, Township 22 South, Range 37 East, NMPM, is entitled to and should receive a bonus discovery oil allowable in the amount of 36,680 barrels to be assigned over a two-year period. The top of perforations in said well is 7336 feet.

-2-

CASE No. 3696

Order No. R-3355

(3) That there is need for the deletion of certain acreage from the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, in order to correct pool nomenclature by extending deleted acreage to the Middle Lane-Permo Pennsylvanian Pool.

(4) That there is need for the redefinition of the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, with special vertical limits defined as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation's State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM. Said pool to be redesignated as Moore-Permo Pennsylvanian Pool.

(5) That there is need for the redefinition of the vertical limits of the Moore-Wolfcamp Gas Pool in Lea County, New Mexico, with special vertical limits defined as being from the top of the Wolfcamp at 8042 feet to the shale break at 8297 feet as in Amerada Petroleum Corporation's State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM.

(6) That there is need for certain extensions to the Cato-San Andres Pool in Chaves County, New Mexico, the Drinkard Pool, the South Flying "M"-Pennsylvanian Pool, the Flying "M"-San Andres Pool, the East Hightower-Upper Pennsylvanian Pool, the Inbe-Permo Pennsylvanian Pool, the Middle Lane-Permo Pennsylvanian Pool, the South McCormack-Silurian Pool, the Pearl-Queen Pool, the Teague-Blinebry Pool, and the North Vacuum-Lower Wolfcamp Pool, all in Lea County, New Mexico, and the Chaverco-San Andres Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 23: SE/4 SE/4

That the discovery well for said pool, Union Texas Petroleum Corporation's Lee No. 2, located in Unit P of Section 23, Township 22 South, Range 37 East, NMPM, is hereby authorized an oil discovery allowable of 36,680 barrels to be assigned to said well at the rate of 51 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

-3-

CASE No. 3696

Order No. R-3355

(b) That the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 23: NW/4 and N/2 SW/4

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 11: SE/4
Section 13: SE/4
Section 23: NW/4 and N/2 SW/4

(d) That the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, are hereby redefined as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet. The type log is Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM, and said pool is redesignated as Moore-Permo Pennsylvanian Pool.

(e) That the vertical limits of the Moore-Wolfcamp Gas Pool in Lea County, New Mexico, are hereby redefined as being from the top of the Wolfcamp at 8042 feet to the shale break at 8297 feet. The type log is Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM.

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 27: N/2
Section 28: All
Section 29: SE/4
Section 32: NE/4
Section 33: All
Section 34: NW/4

-4-

CASE No. 3696

Order No. R-3355

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM

Section 25: SW/4

Section 36: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 16: W/2

(i) That the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM

Section 24: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 33: N/2

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

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

Section 25: SW/4

(l) That the Inbe-Permo 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 23: E/2 SE/4

Section 25: N/2 NE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM

Section 5: Lots 3 and 4

Section 19: SW/4

-5-

CASE No. 3696
Order No. R-3355

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 16: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 25: NE/4

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 21: SW/4

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

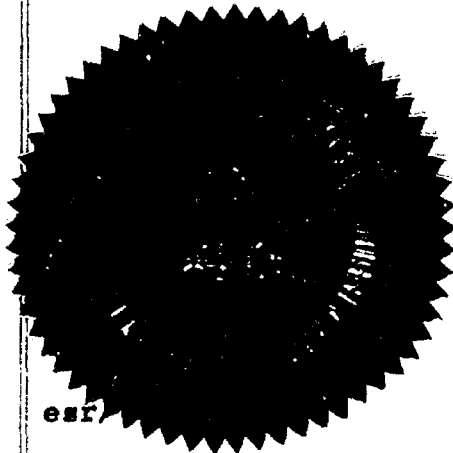
TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 34: E/2 SW/4

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 4: NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, redefinitions of vertical limits, contractions, and extensions included herein shall be January 1, 1968.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

David F. Cargo
DAVID F. CARGO, Chairman

Guyton B. Hays
GUYTON B. HAYS, Member

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

MR. PORTER: We'll take up the nomenclature case for the Southeast, Case 3696.

MR. HATCH: Case 3696, Southeastern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein, for extensions, contraction and redefinitions of certain other pools in Lea, Chaves and Roosevelt Counties, New Mexico.

(Witness sworn.)

DANIEL NUTTER

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

DIRECT EXAMINATION

BY MR. HATCH:

Q State your name and position for the record, please.

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

Q Are you prepared to make recommendations to the Commission concerning the creation of a new pool and the assignment of an oil discovery allowable therein?

A Yes, sir, I am. I would recommend that the East Brunson-McKee Pool be created. The pool could comprise the Southeast Quarter, Southeast Quarter of Section 23, Township 22

South, Range 37 East, Lea County, New Mexico. This pool was discovered by Union Texas Petroleum Corporation's Lee Well No. 2 located in Unit P of said Section 23.

I would further recommend that this well be assigned an oil discovery allowable in the amount of 36,680 barrels of oil, which is based on the depth of the well from the surface of the ground to the top of the perforations. The top of the perforations in the well is 7,336. This is a correction from the assigned -- from the allowable that is mentioned there on the docket, inasmuch as the top of the perforations had been shown to be from the Rotary Kelly-Bushing, rather than from the surface of the ground, originally.

MR. PORTER: So you have had a difference of ten feet.

A Ten feet, and the top of the perforations is 7,336, rather than 7,346 as we had originally figured. In connection with this well, I would offer Exhibit 1 or Exhibit 1-A in this case, which is the geological data presented by Union Texas Petroleum Corporation relative to this discovery, if you want to mark this.

MR. PORTER: It will be another exhibit to be offered in the case?

A Yes, sir. This is 1-A.

(Whereupon, Exhibits 1 and 1-A were marked for identification.)

MR. PORTER: We'll entertain a motion, Counsel, for admission of these at the same time.

MR. HATCH: I'd like to introduce these at this time.

MR. PORTER: The exhibits will be admitted, if there are no objections.

MR. HATCH: 1-A?

MR. PORTER: Exhibit 1-A.

(Whereupon, Exhibits 1 and 1-A were admitted into evidence.)

Q Are you also prepared to make recommendations to the Commission for extension, contraction and redefinition of certain other pools in Lea, Chaves and Roosevelt Counties, New Mexico?

A Yes, sir. In Paragraph B. of this case, I recommend that the Inbe Permo-Pennsylvanian Pool be contracted by the deletion of certain acreage. The acreage, as described on the docket, is slightly in error. That should be: Township 10 South, Range 33 East, Section 23: Northwest Quarter and North Half, Southwest Quarter. There's no "and" in the docket.

With respect to Paragraph C., I would recommend that the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, be extended to include therein, Section 11: The Southeast Quarter; Section 13, Southeast Quarter, which is in addition

to the acreage shown on the docket. And with respect to Section 23, as shown on the docket, this would be the Northwest Quarter and North Half, Southwest Quarter. The "and" is not shown.

With regard to the redefinitions of vertical limits shown in Paragraphs D and E, they would be as shown on the docket.

With respect to the extension of the Cato-San Andres Pool in Chaves County, New Mexico, I would recommend the following extensions be made: Township 8 South, Range 30 East, Section 27, which is an addition, the North Half; Section 28, the docket shows "South Half"; I would recommend that the South Half, as well as the North Half, be included to make it all of Section 28. Section 29, which is not shown on the docket, I would recommend the Southeast Quarter of Section 29 be added. Section 32, which is not shown on the docket, the Northeast Quarter of Section 32. Section 33, in addition to the Northeast Quarter, which is shown, I would also recommend that the Northwest Quarter and South Half -- In other words, all of Section 33 be added; and Section 34, I would recommend the Northwest Quarter be included in the extension.

With regard to the extension of the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, I recommend that in addition to the Southwest Quarter of Section 36, Township 7

South, Range 32 East, as shown on the docket, that the Southwest Quarter of Section 25 be added.

Paragraphs H, I, J, and K would be as shown on the docket.

Paragraph L, the extension of the Inbe-Permo Pennsylvanian Pool would be as shown on the docket, plus, in Township 11 South, Range 33 East, the East Half, Southeast Quarter of Section 23 would be added.

Paragraphs M, N and O are as shown on the docket.

Paragraph P, the extension would be as shown: the East Half, Southwest Quarter of Section 34, Township 16 South, Range 34 East, and, also, the following extension: Township 17 South, Range 34 East, Section 4: the Northeast Quarter.

Q Now, is this a different exhibit from the one that you have already --

A I'm sorry to say that I don't have the exhibit at this time to offer. This exhibit has been placed in the mail from the Hobbs Office and is not available for presentation in the record at this time. But I would introduce that exhibit for Case 3696. The exhibit that will be inserted in the record will reflect these changes that I have shown which differ from the docket.

Q It would be the same as your testimony?

A Yes, sir. The exhibit will reflect my testimony.

MR. HATCH: I would like to have the permission of the Commission to make that exhibit a part of the record when it is received.

MR. PORTER: If there are no objections, this exhibit will be made a part of the record. And, for the record, the exhibit would have been here available for the record today, except for the difficulties of transportation from Hobbs. Mr. Ramey couldn't make it here, and he gave these changes to Mr. Nutter on the telephone.

So the record will reflect the changes that Mr. Nutter has recommended here.

MR. HATCH: That's all I have in this case, 3696.

MR. PORTER: Are there any questions of Mr. Nutter? You may be excused in this case, Case 3696, and if there is nothing further to be offered in Case 3696, we'll proceed to Case 3697.

* * *

I N D E XWITNESSPAGE

DANIEL NUTTER

Direct Examination by Mr. Hatch

2

EXHIBITSMARKEDOFFERED AND
ADMITTEDCommission Exhibits
No. 1 and 1-A


4

4

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

I, CHARLOTTE J. MACIAS, Notary Public in and for the County of Bernalillo, State of New Mexico, 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 18th day of December, 1967.


Notary Public

My Commission Expires:

February 10, 1971.

NOMENCLATURE ADVERTISEMENT FOR DECEMBER, 1967

CASE NO. 3696

contraction

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the ~~deletion~~ of an existing pool in Lea County, New Mexico, the redefinition of vertical limits of existing pools in Lea County, New Mexico, and the extension of certain existing pools in Chaves, 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 deletions, redefinitions of vertical limits, and extensions should not be made.

Contract
a) ~~DELETE~~ the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, *by deletion of the following described acreage:*

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: NW/4 and N/2 SW/4

l b) REDEFINE the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM, and redesignate said pool as Moore-Permo Pennsylvanian Pool.

l c) REDEFINE the vertical limits of the Moore-Wolfcamp Gas Pool in Lea County, New Mexico, as being from the top of the Wolfcamp at 8042 feet to the shale break at 8297 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM.

f d) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: S/2
SECTION 33: NE/4

g e) EXTEND the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
SECTION 36: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: W/2

l g) EXTEND the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 24: SE/4

f h) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to

December, 1967 Nomenclature

include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: N/2

gk i) EXTEND the East Hightower-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: SW/4

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

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: N/2 NE/4

✓ TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: Lots 3 and 4
SECTION 19: SW/4

(c) k) EXTEND the Middle Lane-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 11: SE/4
SECTION 23: NW/4 and N/2 SW/4

m l) EXTEND the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: NW/4

n m) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: NE/4

o n) EXTEND the Teague-Blinbry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SW/4

jp o) EXTEND the North Vacuum-Lower Wolfcamp Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: E/2 SW/4

DOCKET: REGULAR HEARING - FRIDAY - DECEMBER 15, 1967

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

ALLOWABLE: (1) Consideration of the oil allowable for January, 1968:

- (2) Consideration of the allowable production of gas for January, 1968, 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 January, 1968, also consideration of purchaser's nominations for the six-month period beginning February 1, 1968, for that area.

CASE 3696: Southeastern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein, for extensions, contraction and redefinitions of certain other pools in Lea, Chaves and Roosevelt Counties, New Mexico.

- (a) Create a new pool in Lea County, New Mexico, classified as an oil pool for McKee production and designated as the East Brunson-McKee Pool comprising the following described acreage:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 23: SE/4 SE/4

Top page
7346

Further, for the assignment of approximately 36,730 barrels of oil discovery allowable to the discovery well, Union Texas Petroleum Corporation's Lee Well No. 2 located in Unit P of said Section 23.

- (b) Contract the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, by deletion of the following described acreage:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: NW/4/ N/2 SW/4

- (c) Extend the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 11: SE/4 and
SECTION 23: NW/4/ N/2 SW/4

See 13: SE/4

- (d) Redefine the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM, and re-designate said pool as Moore-Permo Pennsylvanian Pool.

December 15, 1967, Regular Hearing

(e) Redefine the vertical limits of the Moore-Wolfcamp Gas Pool in Lea County, New Mexico, as being from the top of the Wolfcamp at 8042 feet to the shale break at 8297 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM.

(f) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

Sec 28: N/2

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM

SECTION 28: S/2 + N/2 (a 11)

SECTION 33: NE/4 + NW/4 & S/2

29: S/2

32: NE/4

(g) Extend the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

34 NW/4

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM

SECTION 36: SW/4

+ Sec 25: SW/4

(h) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

SECTION 16: W/2

(i) Extend the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM

SECTION 24: SE/4

(j) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

SECTION 33: N/2

(k) Extend the East Hightower-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM

SECTION 25: SW/4

(l) Extend the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

SECTION 25: N/2 NE/4

Sec 23: S/2 SE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM

SECTION 5: Lots 3 and 4

SECTION 19: SW/4

-3-

December 15, 1967, Regular Hearing

(m) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: NW/4

(n) Extend the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: NE/4

(o) Extend the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SW/4

(p) Extend the North Vacuum-Lower Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: E/2 SW/4
TOWNSHIP 17 SOUTH, RANGE 34 EAST
SEC. 4: NE/4

CASE 3697: Northwestern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein:

(a) Create a new pool in San Juan County, New Mexico, classified as an oil pool for the Devonian production and designated as the Akah Nez-Devonian Oil Pool comprising the following described acreage:

TOWNSHIP 23 NORTH, RANGE 20 WEST, NMPM
SECTION 23: NW/4 NE/4

Further, for the assignment of approximately 19,910 barrels of oil discovery allowable to the discovery well Kerr-McGee Corporation's Navajo "J" Well No. 1 located in Unit A of said Section 23.

NEW POOLS

a) It is recommended that a new oil pool be created and designated as the EAST BRUNSON-McKEE Pool.

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

Discovery well was Union Texas Petroleum Corporation - Lee #2 located in Unit p Section 23 Township 22 Range 37 and was completed on October 29, 1967 ~~#####~~ Top of perforations is at 7346 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.

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 3696: (a) CREATION OF A NEW OIL POOL
COUNTY LEA POOL EAST BRUNSON-McKEE

TOWNSHIP 22 South						RANGE 37 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.

UNION TEXAS PETROLEUM CORPORATION - Lee #2 in Unit P of Section 23-22-37.

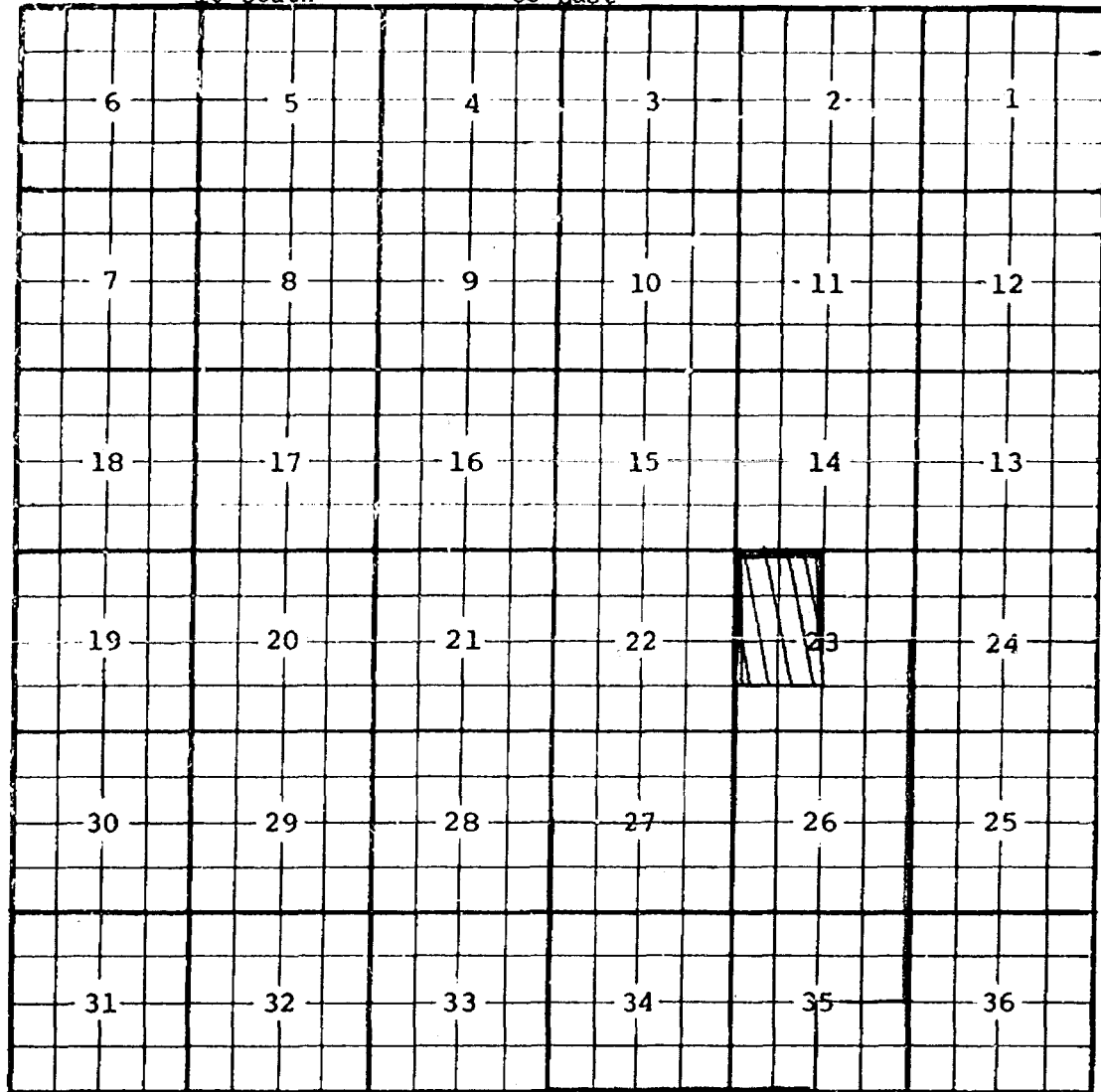
Completed in McKee on October 29, 1967. Top of Perforations 7346'.

Proposed pool boundary colored in red. SECTION 23: SE/4 SE/4

CASE 3696: (b) DELETION OF AN EXISTING OIL POOL

COUNTY LEA POOL INBE-PERMO PENNSYLVANIAN

TOWNSHIP 10 South RANGE 33 East NMPM



PURPOSE: To correct pool nomenclature by extending deleted acreage to
Middle Lane-Permo Pennsylvanian Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 23: NW/4 and N/2 SW/4

CASE 3696: (c) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL MIDDLE LANE-PERMO PENNSYLVANIAN

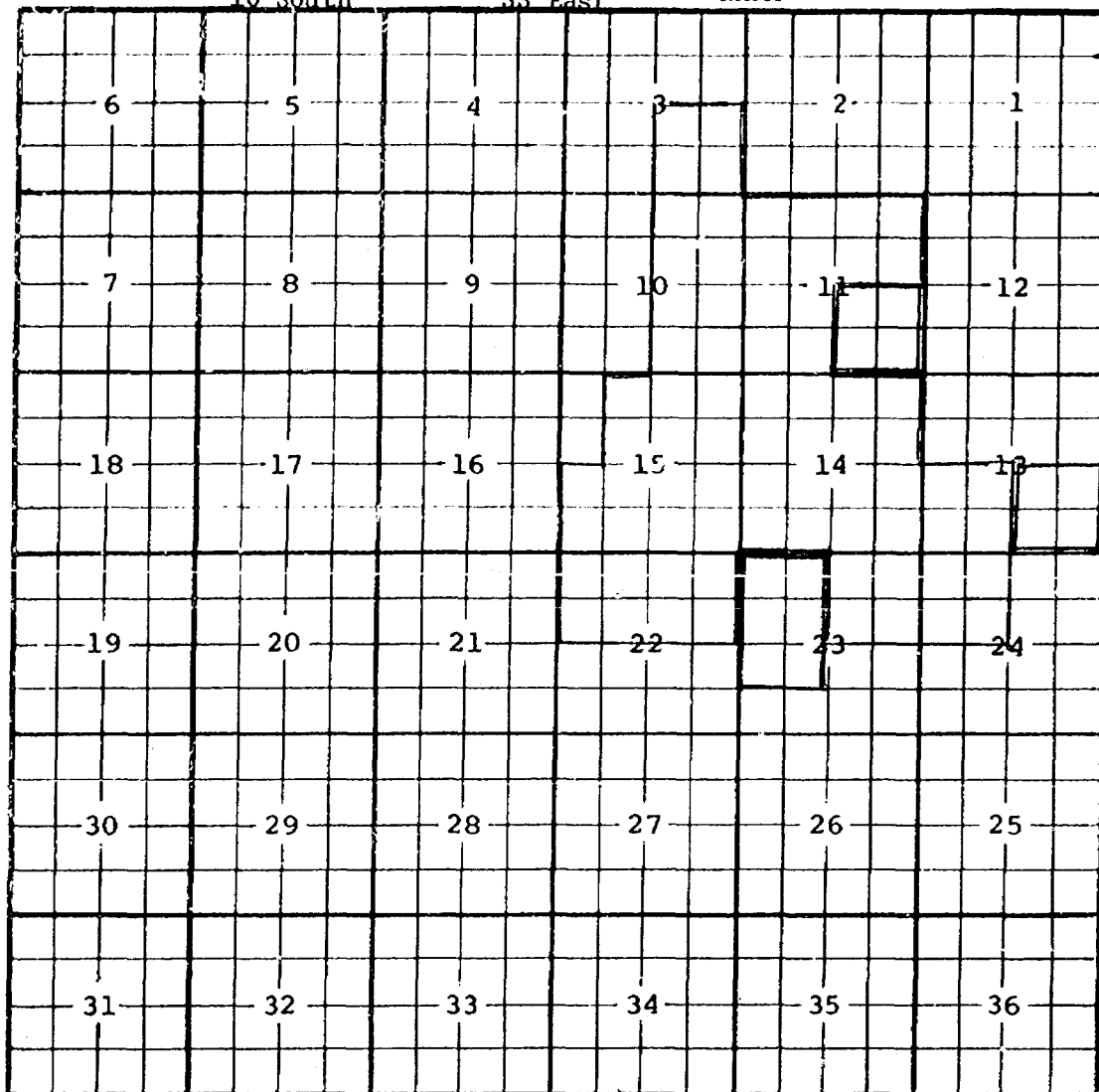
TOWNSHIP

10 South

RANGE

33 East

NMPM



PURPOSE: One completed oil well capable of producing and to take in deleted acreage from Inbe-Permo Pennsylvanian Pool.

MIDWEST OIL CORPORATION - New Mexico J State #1 in Unit J of Section 11-10-33. Completed in Bough C on October 11, 1967. Top of Perforations 9667'.

ADDITION--CAYMAN CORPORATION - Murphy State #1 in Unit O of Section 13-10-33. Completed in Pennsylvanian on November 12, 1967. Top of Perforations 9844'.

Pool boundary colored in red.

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

SECTION 23: NW/4 and N/2 SW/4

ADDITION-----SECTION 13: SE/4

CASE 3696: (d) REDEFINITION OF VERTICAL LIMITS OF AN EXISTING OIL POOL

COUNTY LEA

POOL MOORE-PENNSYLVANIAN

REDESIGNATED -

MOORE-PERMO PENNSYLVANIAN

TOWNSHIP 11 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: To redefine vertical limits because of the discovery of oil in the base of the Wolfcamp zone.

Special Vertical Limits: From the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East.

Pool boundary colored in red. SECTION 23: All

SECTION 24: All

SECTION 25: All

SECTION 26: All

CASE 3696: (e) REDEFINITION OF VERTICAL LIMITS OF AN EXISTING GAS POOL
COUNTY LEA POOL MOORE-WOLF CAMP GAS

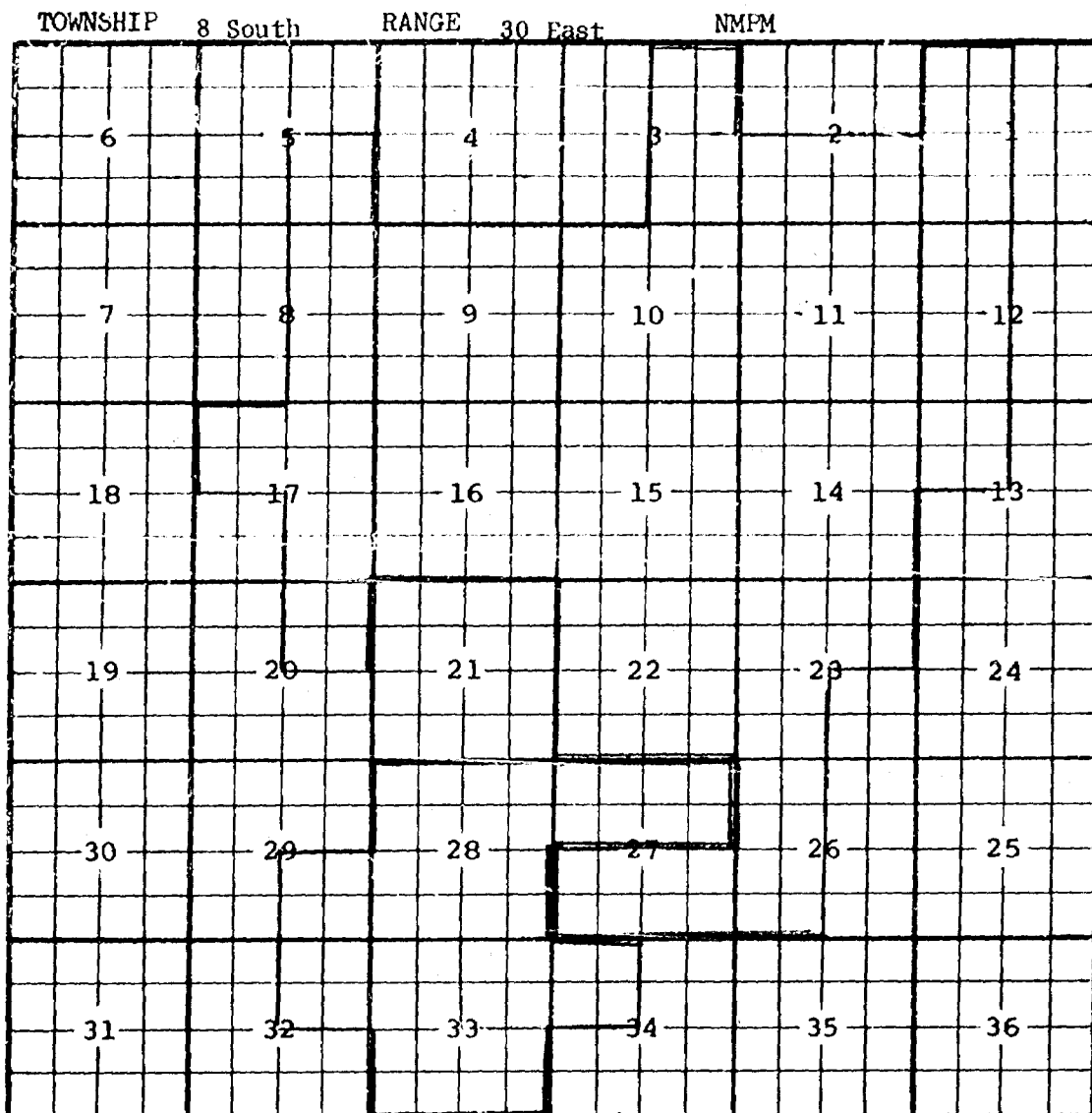
TOWNSHIP		11 South		RANGE		32 East		NMFM			
6		5		4		3		2		1	
7		8		9		10		11		12	
18		17		16		15		14		13	
19		20		21		22		23		24	
30		29		28		27		26		25	
31		32		33		34		35		36	

PURPOSE: To redefine vertical limits because of the discovery of an oil
producing zone in the base of the Wolfcamp zone.

Special Vertical Limits: From the top of the Wolfcamp at 8042 feet to
the shale break at 8297 feet as in Amerada Petroleum Corporation, State
UMA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32
East.

Pool boundary colored in red. SECTION 23: E/2
SECTION 24: SW/4
SECTION 25: W/2

CASE 3696: (f) EXTENSION OF AN EXISTING OIL POOL
COUNTY CHAVES POOL CATO-SAN ANDRES



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

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 28: S/2

SECTION 33: NE/4

ADDITIONS-----SECTION 27: N/2

SECTION 28: N/2

SECTION 29: SE/4

SECTION 32: NE/4

SECTION 33: NW/4 and S/2

SECTION 34: NW/4

COUNTY	CHAVES	POOL	CATO-SAN ANDRES	(Continued on next page)
TOWNSHIP	8 South	RANGE	30 East	

SINCLAIR OIL & GAS COMPANY - Conley Federal #1 in Unit P of Section 28-8-30. Completed in San Andres on September 23, 1967. Top of Perforations 3456'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #2 in Unit O of Section 28-8-30. Completed in San Andres on October 1, 1967. Top of Perforations 3440'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #3 in Unit N of Section 28-8-30. Completed in San Andres on October 8, 1967. Top of Perforations 3423'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #4 in Unit M of Section 28-8-30. Completed in San Andres on October 12, 1967. Top of Perforations 3397'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #5 in Unit J of Section 28-8-30. Completed in San Andres on October 17, 1967. Top of Perforations 3443'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #6 in Unit K of Section 28-8-30. Completed in San Andres on October 23, 1967. Top of Perforations 3405'.

SINCLAIR OIL & GAS COMPANY - Winkler Federal #7 in Unit L of Section 28-8-30. Completed in San Andres on November 4, 1967. Top of Perforations 3368'.

BELL PETROLEUM COMPANY - Packer Federal #1 in Unit A of Section 33-8-30. Completed in San Andres on October 19, 1967. Top of Perforations 3473'.

SHELL OIL COMPANY - Amco Federal #1 in Unit B of Section 33-8-30. Completed in San Andres on October 15, 1967. Top of Perforations 3465'.

SHELL OIL COMPANY - Amco Federal #4 in Unit G of Section 33-8-30. Completed in San Andres on November 5, 1967. Top of Perforations 3457'.

ADDITION--SINCLAIR OIL & GAS COMPANY - Woodman Federal #1 in Unit H of Section 28-8-30. Completed in San Andres on November 16, 1967. Top of Perforations 3447'.

ADDITION--SINCLAIR OIL & GAS COMPANY - Woodman Federal #2 in Unit G of Section 28-8-30. Completed in San Andres on November 1, 1967. Top of Perforations 3498'.

ADDITION--SUN OIL COMPANY - Woodman Federal #1 in Unit F of Section 28-8-30. Completed in San Andres on November 26, 1967. Top of Perforations 3411'.

ADDITION--SINCLAIR OIL & GAS COMPANY - Winkler Federal #1 in Unit P of Section 29-8-30. Completed in San Andres on August 27, 1967. Top of Perforations 3359'.

COUNTY	CHAVES	POOL	CATO-SAN ANDRES (Continued)
TOWNSHIP	8 South	RANGE	30 East

ADDITION--SINCLAIR OIL & GAS COMPANY - Winkler Federal #8 in Unit I of Section 29-8-30. Completed in San Andres on November 22, 1967. Top of Perforations 3330'.

ADDITION--SINCLAIR OIL & GAS COMPANY - Winkler Federal #9 in Unit J of Section 29-8-30. Completed in San Andres on December 1, 1967. Top of Perforations 3293'.

ADDITION--SINCLAIR OIL & GAS COMPANY - Bell State #1 in Unit B of Section 32-8-30. Completed in San Andres on November 11, 1967. Top of Perforations 3354'.

ADDITION--SHELL OIL COMPANY - Amco Federal #2 in Unit C of Section 33-8-30. Completed in San Andres on October 22, 1967. Top of Perforations 3427'.

ADDITION--SHELL OIL COMPANY - Amco Federal #3 in Unit D of Section 33-8-30. Completed in San Andres on October 29, 1967. Top of Perforations 3398'.

ADDITION--SHELL OIL COMPANY - Amco Federal #5 in Unit K of Section 33-8-30. Completed in San Andres on November 15, 1967. Top of Perforations 3394'.

ADDITION--SHELL OIL COMPANY - Amco Federal #6 in Unit O of Section 33-8-30. Completed in San Andres on November 23, 1967. Top of Perforations 3410'.

ADDITION--SHELL OIL COMPANY - Amco Federal #7 in Unit E of Section 33-8-30. Completed in San Andres on November 29, 1967. Top of Perforations 3400'.

ADDITION--SHELL OIL COMPANY - Hodges B Federal #1 in Unit D of Section 34-8-30. Completed in San Andres on September 3, 1967. Top of Perforations 3500'.

ADDITION--SHELL OIL COMPANY - Hodges "B" Federal #2 in Unit C of Section 34-8-30. Completed in San Andres on November 1, 1967. Top of Perforations 3504'.

CASE 3696: (g) EXTENSION OF AN EXISTING OIL POOL
COUNTY ROOSEVELT POOL CHAVEROO-SAN ANDRES

TOWNSHIP 7 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: One completed oil well capable of producing.

TAYLOR PRUITT - Anderson State #3 in Unit M of Section 36-7-32. Completed in San Andres on October 22, 1967. Top of Perforations 4183'.

ADDITION--TAYLOR PRUITT - Humble Tucker #1 in Unit N of Section 25-7-32. Completed in San Andres on November 9, 1967. Top of Perforations 4159'.

ADDITION--TAYLOR PRUITT - Humble Tucker #2 in Unit K of Section 25-7-32. Completed in San Andres on November 18, 1967. Top of Perforations 4154'.

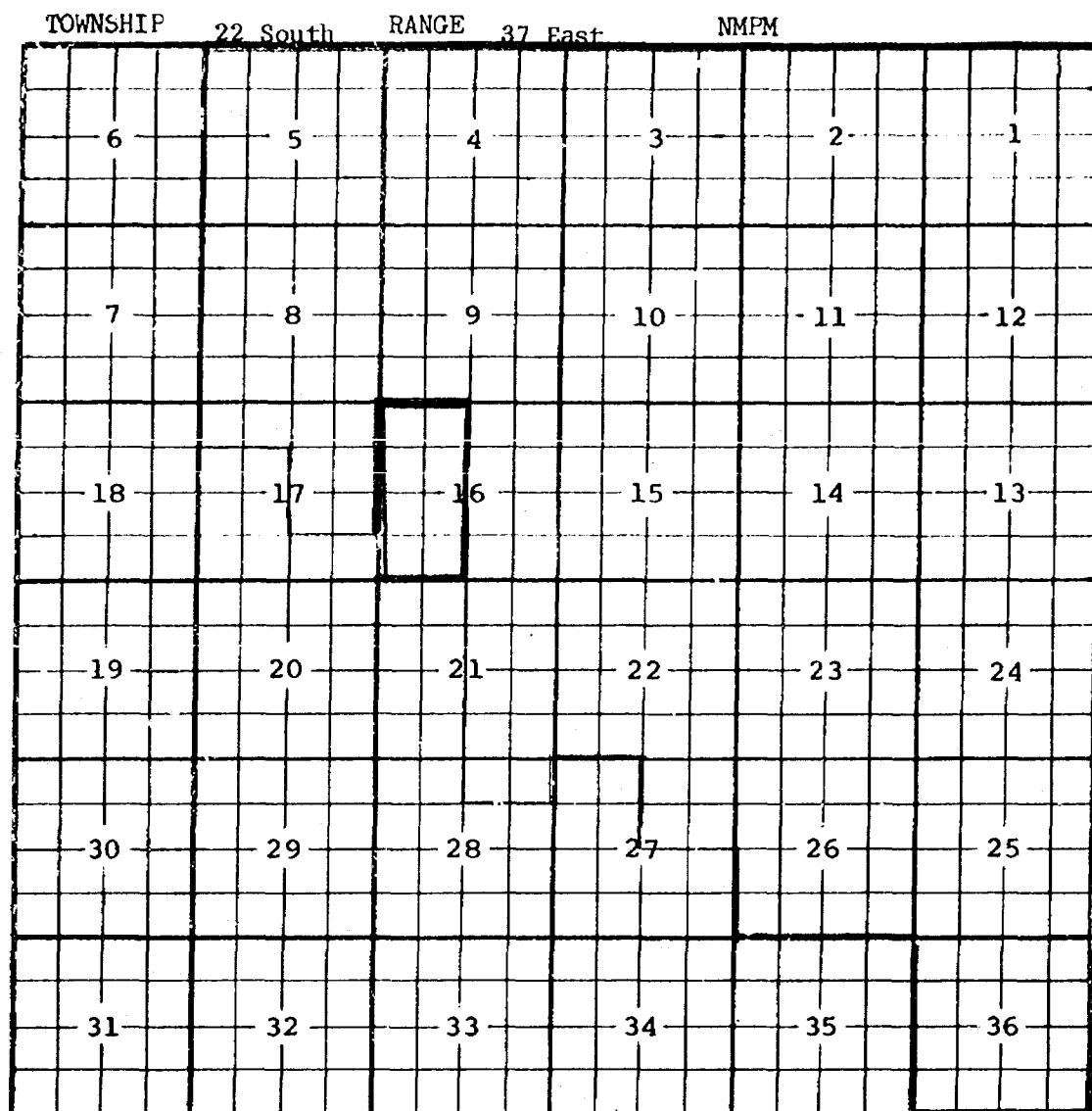
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 36: SW/4

ADDITION----SECTION 25: SW/4

CASE 3696: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DRINKARD



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - R. E. Cole (NCT-A) #9 in Unit N of Section 16-22-37. Completed in Abo on September 24, 1967. Top of Perforations 6770'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 16: W/2

CASE 3696: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SOUTH FLYING "M"-PENNSYLVANIAN

TOWNSHIP 9 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: One completed oil well capable of producing.

ROGER C. HANKS, LTD. - McGuffin #1 in Unit O of Section 24-9-32. Completed in Bough "C" on October 16, 1967. Top of Perforations 9051'.

Pool boundary colored in red.

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

CASE 3696: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

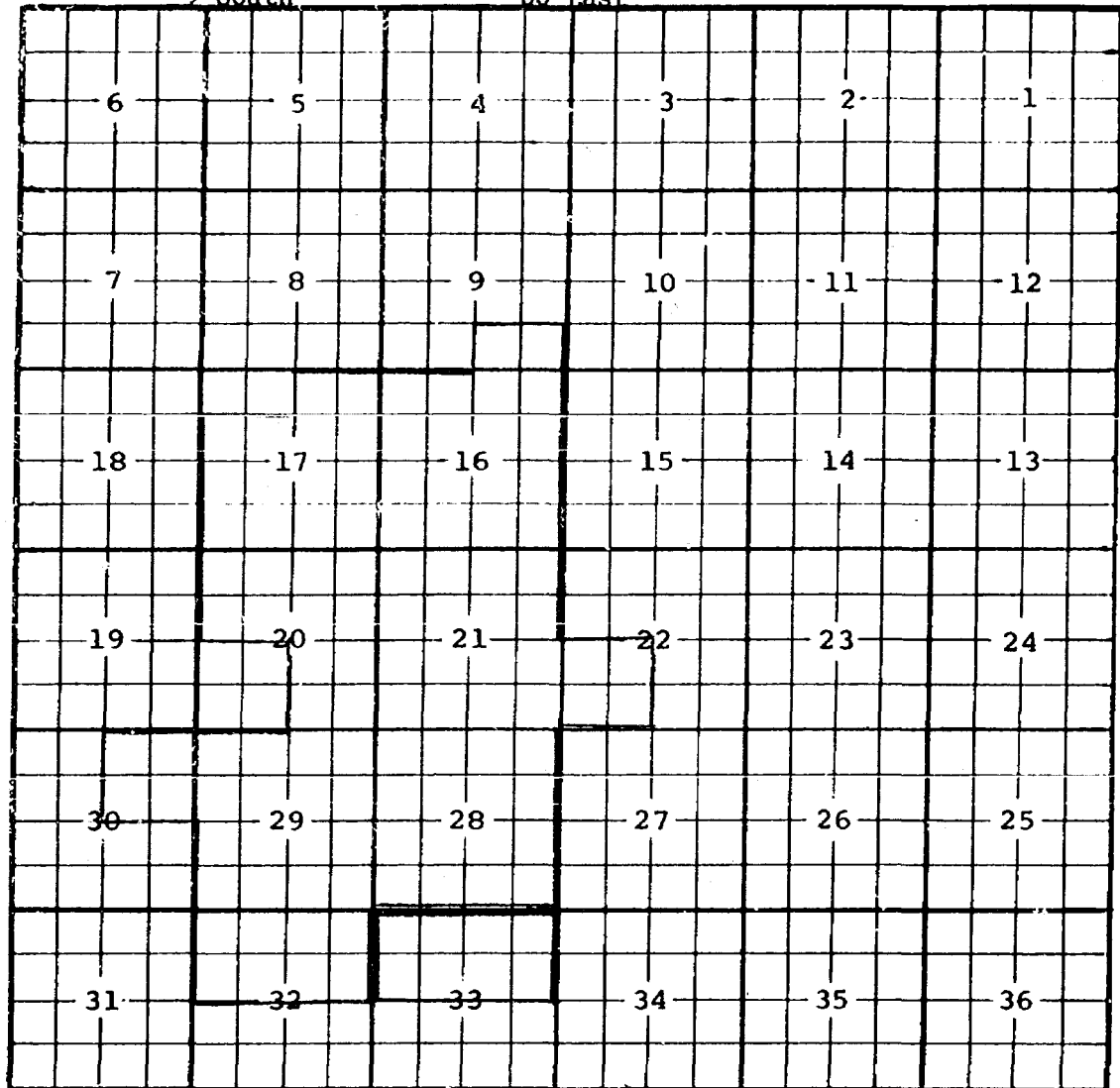
POOL FLYING "M"-SAN ANDRES

TOWNSHIP 9 South

RANGE

33 East

NMPM



PURPOSE: One completed oil well capable of producing.

COASTAL STATES GAS PRODUCING COMPANY - Gonsales Federal #7 in Unit B of Section 33-9-33. Completed in San Andres on October 20, 1967. Top of Perforations 4528'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: N/2

CASE 3696: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST HIGHTOWER-UPPER PENNSYLVANIAN

TOWNSHIP 12 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.

SAM BOREN - Amerada-State #1 in Unit N of Section 25-12-33. Completed in Lower Pennsylvanian on September 20, 1967. Top of Perforations 9797'.

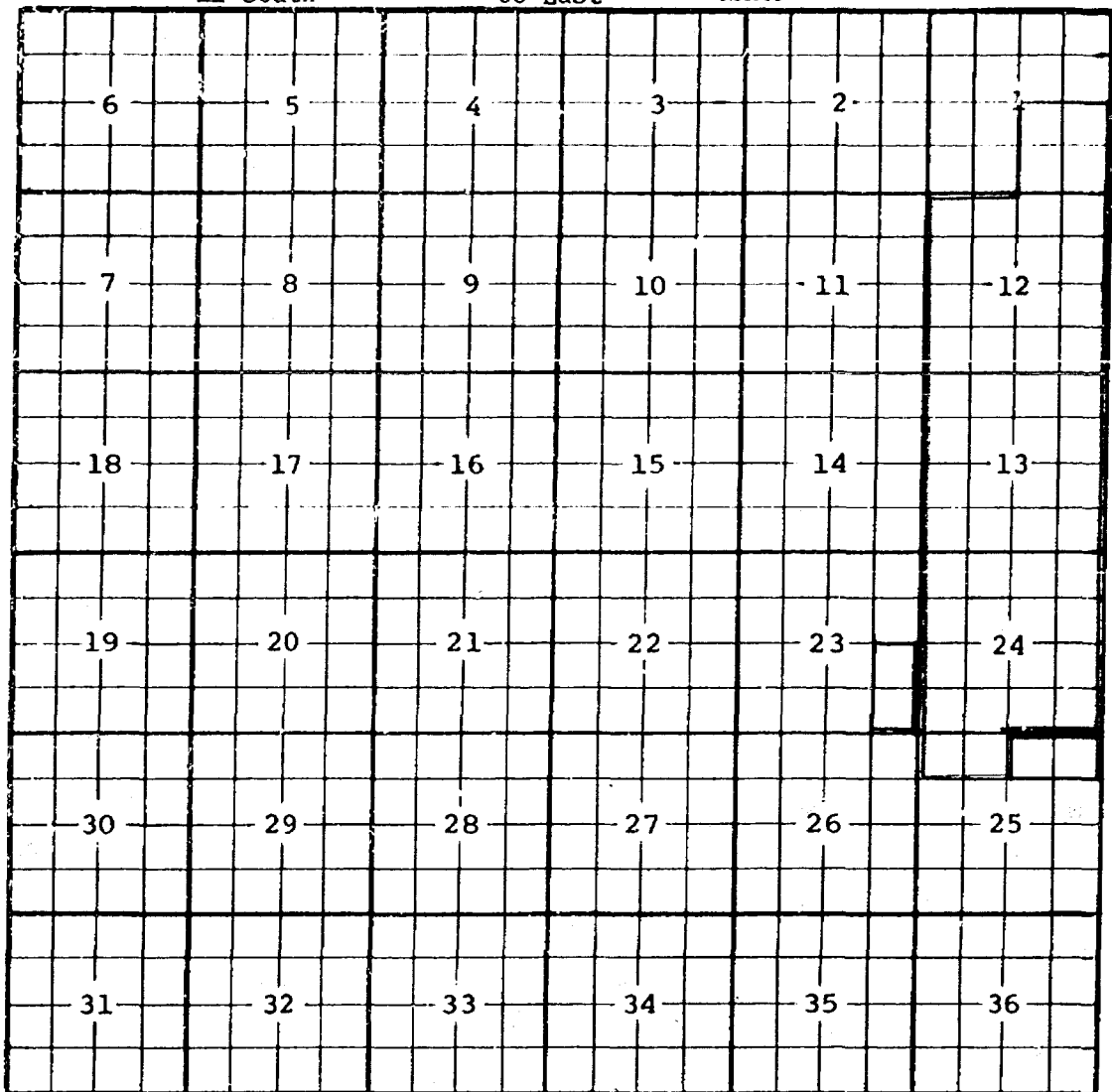
Pool boundary colored in red.

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

CASE 3696: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL INBE-PERMO PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMPM



PURPOSE: Two completed oil wells capable of producing and to correct pool boundary for well dedication.

SOUTHLAND ROYALTY COMPANY - Epperson "B" #1 in Unit A of Section 25-11-33. Completed in Bough C on September 19, 1967. Top of Perforations 9877'.

ADDITION--MIDWEST OIL CORPORATION - Roy Epperson #1 in Unit P of Section 23-11-33. Completed in Bough C on November 6, 1967. Top of Perforations 9780'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: N/2 NE/4

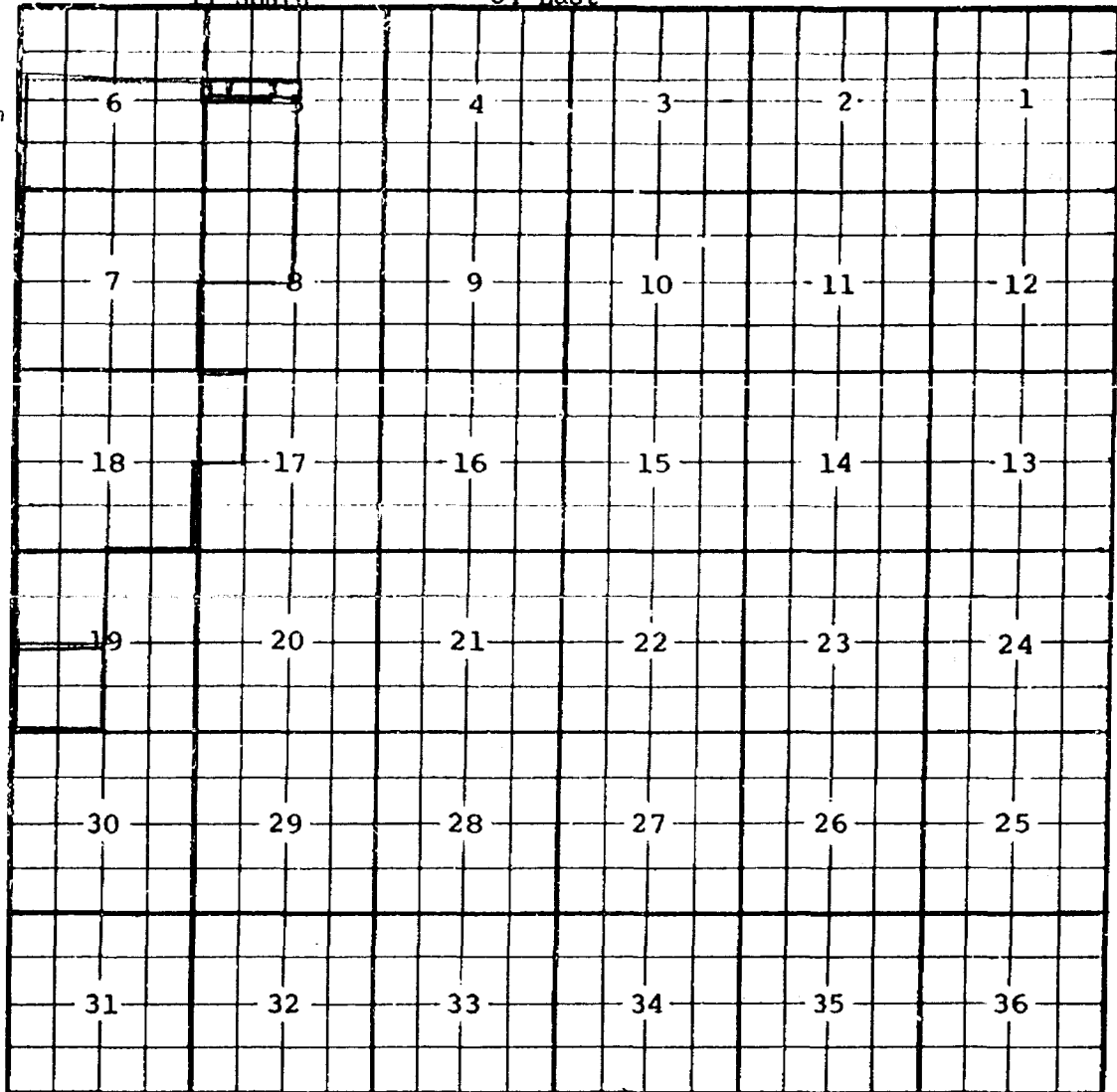
ADDITION----SECTION 23: E/2 SE/4

CASE 3696: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL INRE-PERMO PENNSYLVANIAN

TOWNSHIP 11 South RANGE 34 East NMFM

Short
section



PURPOSE: As stated on preceding page, paragraph (1), Exhibit I.

SOUTHLAND ROYALTY COMPANY - Shell State #2 in Unit I of Section 19-11-34.

Completed in Bough C on October 7, 1967. Top of Perforations 9876'.

Pool boundary colored in red.

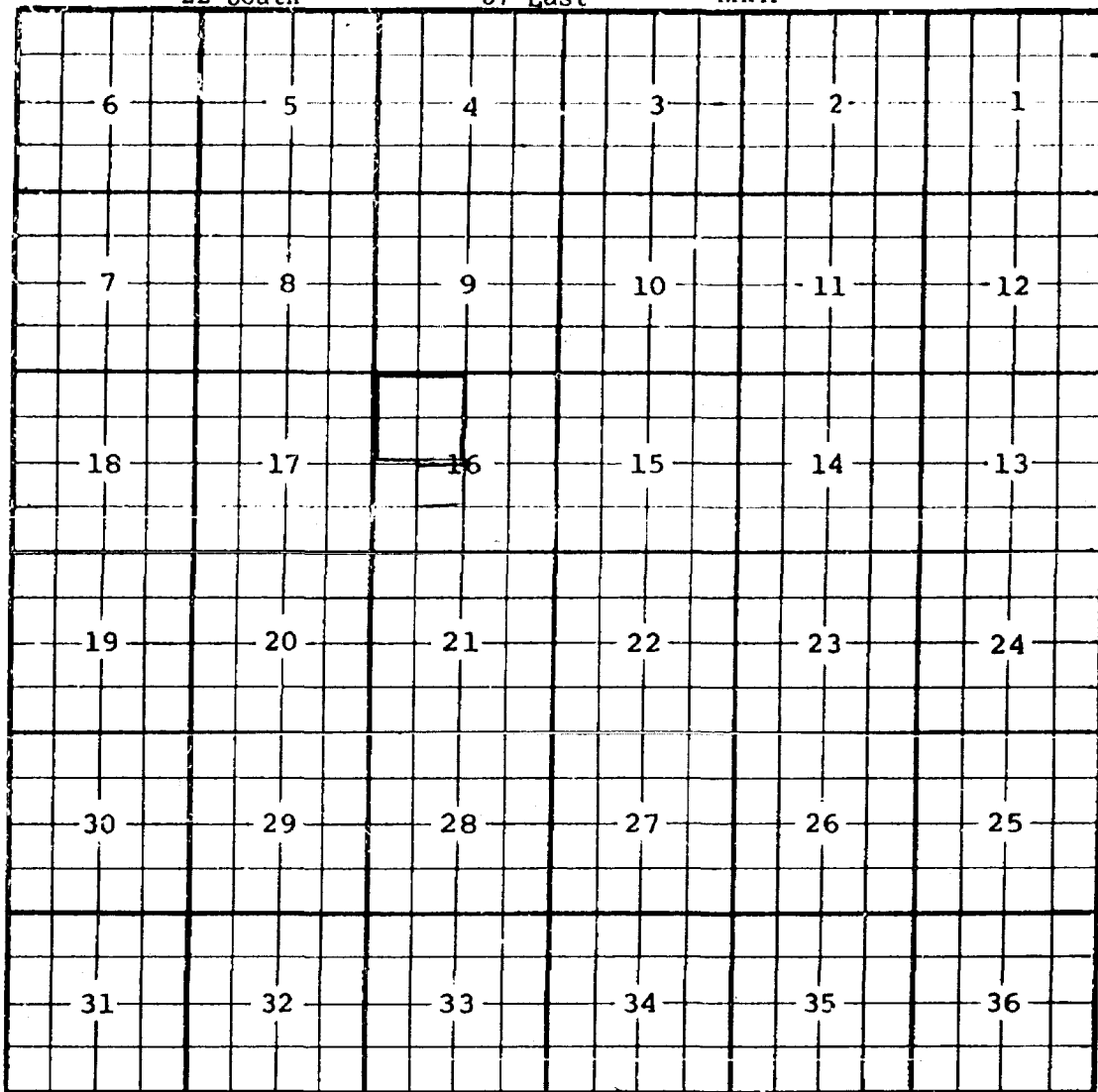
Proposed pool extensions colored in green. SECTION 5: Lots 3 and 4

SECTION 19: SW/4

CASE 3696: (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SOUTH McCORMACK-SILURIAN

TOWNSHIP 22 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - R. E. Cole NCT-A #10 in Unit E of Section 16-22-37. Completed in Silurian on August 2, 1967. Top of Perforations 7224'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 16: NW/4

CASE 3696: (n) EXTENSION OF AN EXISTING OIL POOL

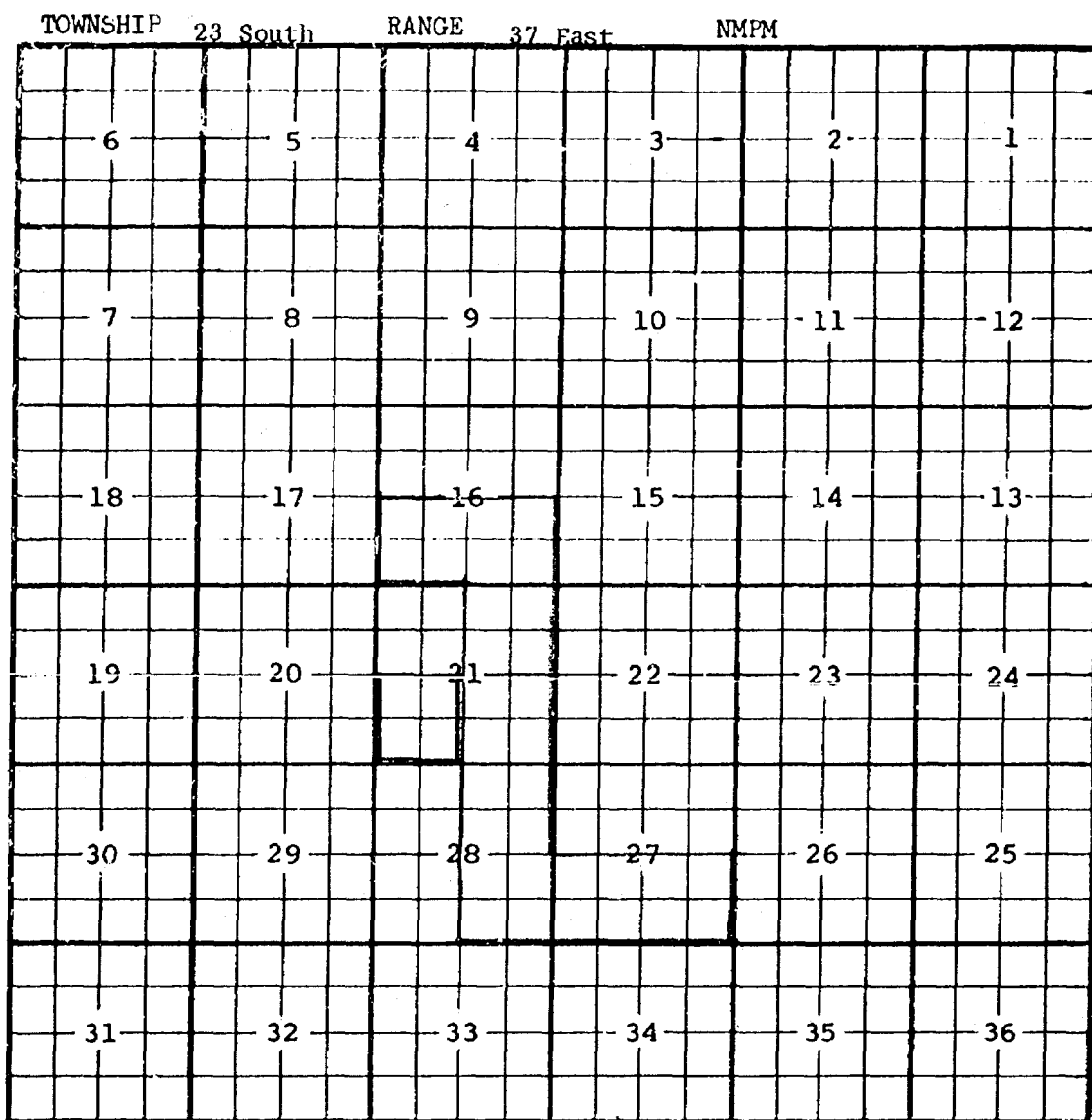
COUNTY LEA POOL PEARL-QUEEN

TOWNSHIP 19 South						RANGE 34 East						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.
D. W. ST. CLAIR - Superior-Federal #7 in Unit G of Section 25-19-34.
Completed in Queen Sand on April 25, 1967. Top of Perforations 4778'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 25: NE/4

CASE 3696: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL TEAGUE-BLINEBRY



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - W. H. Elson #1 in Unit K of Section 21-23-37.

Completed in Blinebry on October 6, 1967. Top of Perforations 5367'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 21: SW/4

CASE 3696: (p) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL NORTH VACUUM-LOWER WOLFECAMP

TOWNSHIP 16 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 oil well capable of producing.

GULF OIL CORPORATION - Lea "PS" State #2 in Unit K of Section 34-16-34.

Completed in Wolfcamp on October 16, 1967. Top of Perforations 10,718'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: E/2 SW/4

CASE 3696: (p) EXTENSION OF AN EXISTING OIL POOL (Continued)
COUNTY LEA POOL NORTH VACUUM-LOWER WOLFCAMP

TOWNSHIP 17 South			RANGE 34 East			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: As stated on preceding page, paragraph (p), Exhibit I.

ADDITION--PENNZOIL COMPANY - Rock Island "B" State #1 in Unit A of Section 4-17-34. Completed in Lower Wolfcamp on November 16, 1967.
Top of Perforations 10,694'.

Pool boundary colored in red.

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

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 1980
HOBBS
November 17, 1967

*File
Case 3694*

Mr. D. S. Nutter
Chief Engineer
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

1967 Nov 20 AM 10 10

Dear Dan:

The application by Union Texas Petroleum Corporation on their Lea Well No. 2, located in Unit P, Section 23, T22S, R37E for a bonus allowable in the McKee Sand is complete as to Commission requirements.

Geologically, their exhibits appear to be correct in showing a separate reservoir from the Hare Simpson Pool. The truncation of the tilted Ellenburger to Devonian formations does form many small to large reservoirs.

I recommend that a bonus allowable be given Union Texas on this well and a new pool be created and called the East Hare-McKee Pool.

Very truly yours,

OIL CONSERVATION COMMISSION

John W. Runyan

John W. Runyan
District Geologist

JWR:fd

cc: Mr. Joe D. Ramey, Supervisor, District I NMOCC



Corporation

UNION TEXAS PETROLEUM DIVISION

1300 WILCO BUILDING • MIDLAND, TEXAS 79701 • AREA CODE 915, 682-0515

November 14, 1967

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. A. L. Porter, Jr.

EX 1-A

3696

67 Nov 15 AM 10 33

Case 3696

Re: Application for Discovery
Allowable - Lee #2
Lea County, New Mexico

Gentlemen:

Union Texas Petroleum Corporation is requesting the creation of a new pool and a discovery allowable amounting to 36,680 barrels for the Lee #2 completed October 28, 1967 from the McKee sand. This well is located in Unit P of Section 23, T-22-S, R-37-E and is outside the boundaries of a designated pool producing from the McKee formation, and a new common source of supply.

Enclosed are copies of Form C-109, area data map, marked electric log, structure map, cross section and bottom hole pressure data sheet.

Yours very truly,

UNION TEXAS PETROLEUM CORPORATION

R. L. Stover

R. L. Stover
District Superintendent

WMS:ms
Enc.

cc - Operators listed on Application
- New Mexico Oil Conservation Commission - Hobbs (2)

DOCKET MAILED

Date 11-30-67

MAILED

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

Form C-109
 Adopted 9-1-66

NOTE: This form is to be filled and attachments made in accordance with the provisions of Rule 509.
 If discovery is claimed for more than one zone, separate forms must be filed for each.

Case 3696

Operator Union Texas Petroleum Corporation		Address 1300 Wilco Bldg., Midland, Texas	
Lease Name Lee		Well No. 2	County Lea
Well Location Unit Letter P ; 660 Feet from The South Line and 660 Feet From the East Line of Section 23 , Township 22 South , Range 37 East , NMPM			
Suggested Pool Names (List in order of preference) 1. Brunson East McKee 2. Drinkard McKee 3. Hare SE McKee			
Name of Producing Formation McKee (Sand)		Perforations 7346' - 7365'	
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		Date Well was Spudded September 21, 1967	Date of Filing Form C-104 October 31, 1967
Total Depth 7735'	Plugged Back Depth 7472'	Depth Casing Shoe 7485'	Tubing Depth 7330'
Elevation (Gr., DF, RKB, RT, etc.) 3325 D.F.			
Oil Well Potential (Test to be taken only after all load oil has been recovered) 192 Bbls. Oil Per Day Based On 192 Bbls In 24 Hours; -- Bbls Water Per Day Based On -- Bbls			
In -- Hours; Gas Production During Test: 144 MCF; Gas-Oil Ratio: 750 Method Of Producing: Flow Chk. Size 16/64"			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Drinkard	Name of Producing Formation Drinkard	Top of Pay 6380'	Bottom of Pay 6440'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 1320' North		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 699'		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Hare Simpson	Top of Pay 7288'	Bottom of Pay 7354'	Currently Producing? No
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 6150' Northwest			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County 7346' 36730
---	--

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)? No	If Yes, Name all Such Formations
---	--	----------------------------------

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
See attached list.	

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks: **Above listed operators have been furnished a copy of this application this date.**

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

<i>[Signature]</i> Signature	District Superintendent Position	November 14, 1967 Date
---------------------------------	-------------------------------------	---------------------------

Lee #2
Lea County, New Mexico

Operators within One Mile

Samedan Oil Corp.
Wek Drilling
Anadarko Production Company
Gulf Oil Corporation
Penrose
Sinclair Oil & Gas Company
Texas Pacific Oil Company
Phillips Petroleum
Western Oil Fields
Sohio Petroleum Company
Pan American Petroleum Corp.
Skelly Oil Company
Campbell & Hedrick
Marathon Oil Company

BOTTOM HOLE PRESSURE DATA SHEET

Datum -3900'

DATE	Gulf Cole #4	Amerada Wood #10	UTP Lee #2
September 15, 1947	2738		
November-December 1947	2538		
May-June 1948	2332		
November-December 1948	2016		
December 6, 1948		2301	
May-June 1949	1734		
November-December 1949	1867		
March 6, 1953	2174		
April 22, 1953	1262		
November 8, 1967			2768

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

Case 3696

TO: The Oil Conservation Commission
State of New Mexico

Date November 14, 1967

The Union Texas Petroleum Corporation Lee
Name of Operator Name of Lease

2 Located 660 feet from the south line and 660 feet
Well No.

from the east line of 23 22 south 37 east
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-
with on form C-105, we hereby request that the
pool be extended to include the following described area

or that a new pool be created to include the following described area E/2 of SE/4 of Section 23, T-22-S,
R-37-E, Lea County, New Mexico

Suggested name:

Union Texas Petroleum Corporation
Operator

Name of Producing Formation:

McKee

R. L. Stover

Representative