

CASE 35301

SOUTHEASTERN NEW MEXICO

454 / 10.

2530

lication, Transcript,
all 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 THE STATE OF
NEW MEXICO FOR THE PURPOSE
OF CONSIDERING:

CASE NO. 2530
Order No. R-2221

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 18, 1962, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 23rd day of April, 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 Premier formation, said pool to bear the designation West Anderson Ranch-Grayburg Pool. Said West Anderson Ranch-Grayburg Pool was discovered by Bob Dean, Ltd., Mobil State "7" No. 1 located in the NW/4, Unit E, of Section 7, Township 16 South, Range 32 East, NMPM. It was completed January 30, 1962. Top of perforations is 4044 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen-Grayburg-San Andres formation, said pool to bear the designation Bear Draw Queen-Grayburg-San Andres Pool. Said Bear Draw Queen-Grayburg-San Andres Pool was discovered by Harlan Production Company, McCallister Federal No. 1, located in the W/2, Unit D,

CASE No. 2530
Order No. R-2221

of Section 28, Township 16 South, Range 29 East, NMPM. It was completed February 7, 1961. Top of perforations is 1917 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Brushy Canyon (Delaware) formation, said pool to bear the designation U. S.-Delaware Pool. Said U. S.-Delaware Pool was discovered by Perry R. Bass, J. N. Fidel Federal No. 1, located in the SW/4, Unit M, of Section 27, Township 21 South, Range 29 East, NMPM. It was completed September 18, 1953. Top of perforations is 6890 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Abo formation, said pool to bear the designation Double A-Abo Pool. Said Double A-Abo Pool was discovered by Sunray Mid-Continent Oil Company, N. M. State X No. 1, located in the NE/4, Unit B, of Section 20, Township 17 South, Range 36 East, NMPM. It was completed December 27, 1960. Top of perforations is 9002 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 Delaware formation, said pool to bear the designation Salado Draw-Delaware Pool. Said Salado Draw-Delaware Pool was discovered by Coastal States Gas Producing Company, Conoco Federal No. 1, located in the NW/4, Unit C, of Section 15, Township 26 South, Range 33 East, NMPM. It was completed February 6, 1962. Top of perforations is 5005 feet.

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Blinbry formation, said pool to bear the designation East Weir-Blinbry Pool. Said East Weir-Blinbry Pool was discovered by Texaco Inc., C. H. Weir "B" No. 5, located in the NE/4 of Section 11, Township 20 South, Range 37 East, NMPM. It was completed February 3, 1962. Top of perforations is 5814 feet.

(8) That the vertical limits of the Mescalero-Pennsylvanian pool should be extended to include the Wolfcamp formation inasmuch as several wells are presently completed in both the Wolfcamp and Pennsylvanian formations and that the pool name should be changed to Mescalero Permo-Pennsylvanian.

(9) That the vertical limits of the North Benson-Queen Pool should be extended to include the Grayburg formation inasmuch as one well has been completed in the Grayburg formation and that the pool name should be changed to North Benson Queen-Grayburg.

(10) That there is need for the deletion of certain acreage in the High Lonesome-Queen Pool in order that a new pool with conflicting vertical limits may be established in part of the deleted area.

CASE No. 2530
Order No. R-2221

(11) That there is need for certain extensions to the North Benson-Queen Pool, the Henshaw-Wolfcamp Pool, the Jackson-Abo Pool, the East Red Lake-Queen Pool, the Square Lake Pool, all in Eddy County, New Mexico, the Allison-Pennsylvanian Pool, the Milnesand-San Andres Pool and the South Prairie-Pennsylvanian Pool, all in Roosevelt County, New Mexico, the Double X-Delaware Pool, the Eumont Gas Pool, the South Eunice Pool, the North Justis-Blinbry Pool, the Lazy J-Pennsylvanian Pool, and the Maljamar 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 Premier production, is hereby created and designated as the West Anderson Ranch-Grayburg Pool, consisting of the following-described area:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 7: NW/4

(b) That a new pool in Eddy County, New Mexico, classified as an oil pool for Queen-Grayburg-San Andres production, is hereby created and designated as the Bear Draw Queen-Grayburg-San Andres Pool, consisting of the following-described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 28: W/2

(c) That a new pool in Eddy County, New Mexico, classified as an oil pool for Brushy Canyon (Delaware) production, is hereby created and designated as the U. S.-Delaware Pool, consisting of the following-described area:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 27: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 20: NE/4

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

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
Section 15: NW/4

CASE No. 2530
Order No. R-2221

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 11: NE/4

(g) That the vertical limits of the Mescalero-Pennsylvanian Pool be extended to include the Wolfcamp formation and the pool name be changed to Mescalero Permo-Pennsylvanian.

(h) That the High Lonesome (Queen) Pool, in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 20: NE/4
Section 21: All
Section 28: All

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 25: SW/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 2: W/2 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 27: S/2 S/2
Section 34: SW/4 NE/4 and E/2 NE/4
Section 35: NW/4

That the vertical limits of the North Benson-Queen Pool be extended to include the Grayburg formation and the pool name be changed to North Benson Queen-Grayburg.

(k) 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 22: SE/4

(l) That the Eumont Gas Pool in Lea County, New Mexico, as

-5-

CASE No. 2530

Order No. R-2221

heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 8: NE/4

Section 16: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 24: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/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 23: S/2

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 1: SW/4

Section 2: NE/4 NE/4

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

Section 26: W/2 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 32: SW/4

(s) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is

-6-

CASE No. 2530
Order No. R-2221

hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 13: NW/4 and N/2 NE/4
Section 24: S/2 NE/4

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
Section 19: N/2 NW/4

(t) That the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 15: SW/4
Section 16: SE/4

(u) That the East Red Lake-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 12: SW/4 and SW/4 NE/4

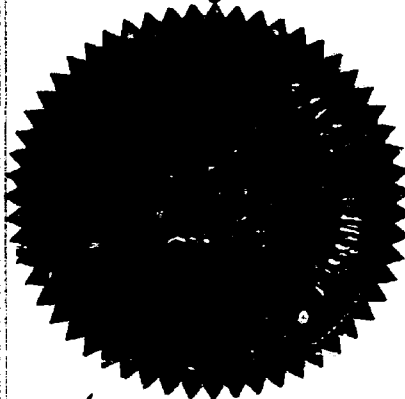
(v) That the Square Lake Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 27: N/2 NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, change of vertical limits, change of pool names, deletions and extensions included herein shall be May 1, 1962.

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



esr/

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem
EDWIN L. MECHEM, Chairman

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

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

NOMENCLATURE ADVERTISEMENT FOR APRIL 1962

CASE 1530

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools, and the deletions and change of vertical limits and the extension of certain existing pools, in Eddy, Lea & Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, deletions, change of vertical limits and extensions should not be made.

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

✓ TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
SECTION 7: NW/4

b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Queen-Grayburg-San Andres production, designated as the Bear Draw/Queen-Grayburg-San Andres Pool, and described as:

✓ TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
SECTION 28: E/2

c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the U. S. - Delaware Pool, and described as:

✓ TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
SECTION 27: SW/4

d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, designated as the Double A-Abo Pool, and described as:

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 20: NE/4

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

✓ TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
SECTION 15: NW/4

f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production, designated as the East Weir-Blinebry Pool, and described as:

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: NE/4

DOCKET: REGULAR HEARING - WEDNESDAY - APRIL 18, 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 May, 1962.
- (2) Consideration of the allowable production of gas for May, 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 May, 1962.

CASE 2504: (Continued)
Application of Consolidated Oil & Gas, Inc. for an amendment of Order No. R-1670-C to establish an allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba and Sandoval Counties, New Mexico, which will differ from the allocation formula prescribed for the prorated gas pools of Northwest New Mexico by Rule 9 (C) of Order No. R-1670.

Applicant recommends an allocation formula based 60 percent on acreage and 40 percent on acreage times deliverability. The Commission also may consider the establishment of minimum and maximum allowables for the Basin-Dakota Gas Pool.

CASE 2049: (Reopened)
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 1641: (Reopened)
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for the Angels Peak-Gallup Oil Pool, San Juan County, New Mexico.

Case 1641 will be reopened pursuant to Order No. R-1410-C to permit interested parties to appear and present testimony relative to the effectiveness of the special rules and regulations for the Angels Peak-Gallup Oil Pool.

CASE 2530: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending, contracting and changing the vertical limits of certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Grayburg production, designated as the West Anderson Ranch-Grayburg Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 7: NW/4

(b) Create a new oil pool for Queen-Grayburg-San Andres production, designated as the Bear Draw Queen-Grayburg-San Andres Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 28: E/2

(c) Create a new oil pool for Delaware production, designated as the U. S. Delaware Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 27: SW/4

(d) Create a new oil pool for Abo production, designated as the Double A-Abo Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 20: NE/4

(e) Create a new oil pool for Delaware production, designated as the Salado Draw-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
Section 15: NW/4

(f) Create a new oil pool for Blinebry production, designated as the East Weir-Blinebry Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 11: NE/4

(g) Change the Vertical Limits of the Mescalero-Pennsylvanian Pool from Pennsylvanian to Permo-Pennsylvanian inasmuch as several wells are presently completed in both the Wolfcamp and Pennsylvanian formations.

(h) Contract the High Lonesome Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Section 20: NE/4

Section 21: All

Section 28: All

(i) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM

Section 2: W/2 NW/4

(j) Extend the North Benson-Queen Pool to include therein; and extend the vertical limits to include the Grayburg formation as the result of a completion in the Grayburg formation.

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 27: S/2 S/2

Section 34: SW/4 NE/4 & E/2 NE/4

Section 35: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 22: SE/4

(l) Extend the Eumont Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 8: NE/4

Section 16: SW/4

(m) Extend the South Eunice Pool to include:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 24: SW/4

(n) Extend the Henshaw-Wolfcamp Pool to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/4

(o) Extend the Jackson-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 23: S/2

- (p) Extend the North Justis-Blinebry Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 1: SW/4

- (q) Extend the Lazy J (Pennsylvanian) Pool to include:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
Section 26: W/2 NE/4

- (r) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 32: SW/4

- (s) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
Section 19: N/2 NW/4

- (t) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 15: SW/4
Section 16: SE/4

- (u) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 East, NMPM
Section 12: SW/4

- (v) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 27: N/2 NW/4

CASE 2531:

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

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

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 6: NW/4

- (b) Extend the Flora Vista-Mesaverde Pool to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 28: S/2

- (c) Extend the Boulder-Mancos Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM

Section 23: W/2

- (d) Extend the Cha Cha-Gallup Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM

Section 15: S/2 NW/4

Section 24: S/2 SE/4

Section 25: E/2 NE/4

- (e) Extend the Puerto Chiquito-Gallup Oil Pool to include:

TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPM

Section 29: N/2 SW/4 (partial)

- (f) Extend the Totah-Gallup Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM

Section 18: N/2 NW/4

iqg/

-2- April, 1962 Nomenclature

g) CHANGE THE VERTICAL LIMITS of the Mescalero-Pennsylvanian Pool from Pennsylvanian to Permo-Pennsylvanian inasmuch as several wells are presently completed in both the Wolfcamp and Pennsylvanian formations.

Contract
h) ~~DELETE~~ the High Lonesome Pool in Eddy County, New Mexico, described *by the deletion of the following area:*

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

SECTION 20: NE/4

SECTION 21: All

SECTION 28: All

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM

SECTION 2: W/2 NW/4

j) EXTEND the North Benson-Queen Pool in Eddy County, New Mexico, to include therein; and extend the vertical limits to include the Grayburg formation as the result of a completion in the Grayburg formation.

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

SECTION 27: S/2 S/2

SECTION 34: SW/4 NE/4 & E/2 NE/4

SECTION 35: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

SECTION 22: SE/4

Gas

l) EXTEND the Eumont ~~Pool~~ Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

SECTION 8: NE/4

Section 16: SW/4

m) ~~EXTEND the Eumont Gas Pool in Lea County, New Mexico, to include therein:~~

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

SECTION 16: SW/4

n) EXTEND the South Eunice Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

SECTION 24: SW/4

- 7) ~~8~~ EXTEND the Henshaw-Wolfcamp Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 13: SW/4

- 8) ~~9~~ EXTEND the Jackson-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 23: S/2

- 9) ~~10~~ EXTEND the North Justis-Blinbry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: SW/4

- 9) ~~11~~ EXTEND the Lazy J (Pennsylvanian) Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 26: W/2 NE/4

- 10) ~~12~~ EXTEND the Maljamar Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 32: SW/4

- 5) ~~13~~ EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 19: N/2 NW/4

- 11) ~~14~~ EXTEND the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 15: SW/4
SECTION 16: SE/4

- 11) ~~15~~ EXTEND the East Red Lake-Queen Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SW/4

- ✓ 11) ~~16~~ EXTEND the Square Lake Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 27: N/2 NW/4

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 21, 1962

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for an order creating new pools and extending, contracting and changing the vertical limits of certain existing pools in Eddy, Lea, and Roosevelt Counties, New Mexico.

CASE 2530

BEFORE: Edwin L. Mechem, Governor
Mr. E. S. (Johnny) Walker
Mr. A. L. (Pete) Porter

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: We will take up Case 2530.

MR. MORRIS: Southeastern New Mexico nomenclature case.

(Witness sworn.)

DAN NUTTER

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

DIRECT EXAMINATION

BY MR. MORRIS:

Q Will you please state your name and position?

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

Q Mr. Nutter, do you have an exhibit that has been prepared

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



to recommend the creation of new pools and the extension, contraction and change of vertical limits of certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico?

A Yes, sir, I do.

Q Do you have these recommendations prepared in the form of an exhibit in this case?

A Yes, sir.

Q Is that shown as Exhibit No. 1 in Case 2530?

A Yes, sir, it is.

Q Referring to that exhibit, Mr. Nutter, what is your recommendation concerning the creation of a new oil pool for Grayburg production?

A I recommend that a new oil pool designated as the West Anderson Ranch-Grayburg Pool be created, comprising the Northwest Quarter of Section 7, Township 16 South, 32 East. The data of discovery is shown on Sheet (a) of Exhibit 1.

Q Referring to paragraph (b) of Exhibit 1, what is your recommendation concerning the creation of a new oil pool for Bear Draw-Queen-Grayburg-San Andres production?

A I recommend that the Bear Draw-Queen-Grayburg-San Andres Pool be created, comprising the West Half of Section 28, Township 16 South, 29 East, Eddy County. The discovery data is shown on the exhibit.

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

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

A That the U. S. Delaware Pool comprising the Southwest Quarter of Section 27, Township 21 South, Range 29 East, in Eddy County, be created; and the discovery data is here.

Q Referring to paragraph (d) of Exhibit No. 1, what is your recommendation for the creation of a new oil pool for Abo production?

A That the Double A-Abo Pool comprising the Northeast Quarter of Section 20, Township 17 South, Range 36 East, Lea County, be created, with the discovery data shown on the exhibit.

Q Referring to paragraph (e), Exhibit 1, what is your recommendation concerning the creation of a new oil pool for Delaware production?

A That the Salado-Draw-Delaware Pool comprising the Northwest Quarter of Section 15, Township 26 South, Range 33 East, in Lea County, be created. The discovery data is shown on the exhibit.

Q Referring to paragraph (f) of Exhibit No. 1, what is your recommendation concerning the creation of a new oil pool for the Blinebry production?

A That the East Weir-Blinebry Pool comprising the Northeast Quarter of Section 11, Township 20 South, Range 37 East, Lea County, be created, with the discovery data being shown.

Q Do you have a recommendation concerning the change in the vertical limits of the Mescalero-Pennsylvanian Pool?

A Yes, I have. I would recommend that the vertical limits



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.,
PHONE 325-1182

ALBUQUERQUE, N. M.,
PHONE 243-6691

of the Mescalero-Pennsylvanian Pool be changed to include the lower Permian section, and that the Pool be renamed Mescalero-Permo Pennsylvanian Pool, with the same horizontal limits as the old one.

Q What is the basis of your recommendation?

A There are several wells presently completed in both the Wolfcamp and Pennsylvanian formations.

Q Do you have a recommendation concerning the contraction of the High Lonesome Pool?

A Yes, I do. I would recommend that the Northeast Quarter of Section 20, All of Section 21 and All of Section 28 be deleted from the horizontal limits of the High Lonesome (Queen) Pool. A companion case to this was a creation of the pool in paragraph (b) of this case.

Q Are your recommendations in this regard shown in paragraph (h) of this exhibit?

A Yes, sir, they are.

Q Referring to paragraph (j), Exhibit No. 1, what is your recommendation concerning the extension of the North Benson Queen Pool?

A I would recommend that the vertical limits of the pool be changed to include not only the Queen Formation, but also the Grayburg Formation; and that the Pool's name be changed from North Benson Queen to North Benson Queen Grayburg. This is the result of several wells completed within this pool which are



completed in both formations.

Q Mr. Nutter, with respect to paragraph (i) of Exhibit No. 1, and paragraphs (k) through (v) of Exhibit No. 1, do they accurately reflect your recommendations concerning the extension of existing pools?

A Yes, sir, they do.

Q Do you have anything further you would like to add in this case?

A No, sir.

MR. MORRIS: If the Commission please, we offer Exhibit No. 1 in Case 2530, and that concludes the direct examination of Mr. Nutter.

MR. PORTER: Any questions of the witness? The exhibit will be admitted to the record. The witness may be excused.

(Witness excused.)

MR. PORTER: If nothing further to be offered in the case, we will take it under advisement, and the hearing is adjourned.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached transcript of proceedings was reported by me in stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 25th day of April, 1962, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


NOTARY PUBLIC

My Commission Expires:
June 19, 1963.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1152

ALBUQUERQUE, N. M.
PHONE 243-6691



MEMO
FROM
JOE D. RAMEY

Maxine:

Please give me the
water production on the
following wells from Jan '61
thru Feb '62.

S. W. Gladiola Dev.

Feb. C.S. Prod. Co. Turner #1

H.S. Moss Peck #3

Neerburg + Ingram Midhurst #1

Max Proy 2. Craig #1

S. W. Gladiola Penn

H.S. Moss Peck #4

Feb. Neerburg + Ingram Midhurst #1

#2

June Gladiola W/Fc

H.S. Moss Peck #1

#2

Skelly Foster #1

#2

I'll need these by 8:30 tomorrow

LUBBOCK PRINTING CO. - OFFICE EQUIPMENT - FURNITURE - PHONE PO 5-5734

Southwest Radiolab Division - Water Production

Cities Service Production Co. - Survey #1 -

January 1961 -0-	June 1961 -0-	Nov. 1961	104
February 1961 -0-	July 1961 -0-	Dec. 1961	91
March 1961 -0-	August 1961 -0-	Jan. 1962	77
April 1961 -0-	Sept. 1961 -0-	Feb. 1962	59
May 1961 -0-	Oct. 1961	115	

H. S. Assoc. - Sect #3

January 1961 -0-	June -0-	Nov. -0-
February -0-	July -0-	Dec. -0-
March -0-	August -0-	Jan. 1962 -0-
April -0-	Sept. -0-	Feb. 1962 -0-
May -0-	Oct. -0-	

H. S. Assoc. - Sect #4

January 1961 -0-	June -0-	Nov. -0-
February -0-	July -0-	Dec. -0-
March -0-	August -0-	Jan. 1962 -0-
April -0-	Sept. -0-	Feb. 1962 -0-
May -0-	Oct. -0-	

Acadburg & Ingram - Richhurst #1

January 1961 -0-	June -0-	Nov.	238
February -0-	July -0-	Dec.	-0-
March -0-	August -0-	Jan. 1962	-0-
April -0-	Sept. 9	Feb. 1962	-0-
May -0-	Oct. 245		

Harburg & Ingram - Hubbard #2

January 1961	June	Nov	238
February	July	Dec.	245
March	August	Jan. 1962	259
April	Sept	Feb. 1962	224
May	Oct.		245

Thorp & Gray - L. Craig #1

January 1961	2750	June	3375	Nov.	3525
February	2875	July	4776	Dec.	4575
March	2850	August	4535	Jan. 1962	3975
April	2300	Sept.	4475	Feb. 1962	4975
May	3100	Oct.	4700		

Southwest Shadola - Sino.
S. I. Hines - Port #1

(Water Production)

January 1961	-0-	June	-0-	Nov	-0-
February	-0-	July	-0-	Dec.	-0-
March	-0-	August	-0-	Jan. 1962	-0-
April	-0-	Sept.	-0-	Feb. 1962	-0-
May	-0-	Oct.	-0-		

Hearburg, O. Sagram - Midhurst #1

January 1961	-0-	June	-0-	Nov.	-0-
February	-0-	July	-0-	Dec.	-0-
March	-0-	August	-0-	Jan. 1962	-0-
April	-0-	Sept.	-0-	Feb. 1962	-0-
May	-0-	Oct.	-0-		

Hearburg, O. Sagram - Midhurst #2

January 1961	-0-	June	-0-	Nov.	-0-
February	-0-	July	-0-	Dec.	-0-
March	-0-	August	-0-	Jan. 1962	-0-
April	-0-	Sept.	-0-	Feb. 1962	-0-
May	-0-	Oct.	-0-		

Gladula Staffing - Inter Production
S.S. Moss - Deck #1 & Deck #2

January 1961	-0-	June	-0-	Nov	-0-
February	-0-	July	-0-	Dec	-0-
March	-0-	August	-0-	Jan. 1962	-0-
April	-0-	Sept	-0-	Feb. 1962	-0-
May	-0-	Oct	-0-		

Stelly - Section #1

January 1961	3577	June	3070	Nov	2475
February	3000	July	2828	Dec	3301
March	3742	August	3349	Jan. 1962	3465
April	3420	Sept.	2748	Feb. 1962	3143
May	2755	Oct.	2702		

Stelly - Section #2

January 1961	2704	June	2291	Nov	1845
February	2264	July	2110	Dec	1338
March	2227	August	2125	Jan. 1962	1403
April	2584	Sept.	2050	Feb. 1962	1274
May	2054	Oct.	2014		

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

- ALLOWABLE (1) Consideration of the oil allowable for May, 1962.
- (2) Consideration of the allowable production of gas for May, 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 May, 1962.

CASE 2504: (Continued)
Application of Consolidated Oil & Gas, Inc. for an amendment of Order No. R-1670-C to establish an allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba and Sandoval Counties, New Mexico, which will differ from the allocation formula prescribed for the prorated gas pools of Northwest New Mexico by Rule 9 (C) of Order No. R-1670.

Applicant recommends an allocation formula based 60 percent on acreage and 40 percent on acreage times deliverability. The Commission also may consider the establishment of minimum and maximum allowables for the Basin-Dakota Gas Pool.

CASE 2049: (Reopened)
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 1641: (Reopened)
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for

-4-
Docket No. 12-62

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 23: S/2

- (p) Extend the North Justis-Blaine Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 1: SW/4

- (q) Extend the Lazy J (Pennsylvanian) Pool to include:

TOWNSHIP 13 SOUTH RANGE 33 EAST, NMPM

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 32: SW/4

- (s) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 19: N/2 NW/4

- (t) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 15: SW/4

Section 16: SE/4

- (u) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 East, NMPM

Section 12: SW/4

- (v) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM

Section 27: N/2 NW/4

-3-

Docket No. 12-62

- (h) Contract the High Lonesome Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Section 20: NE/4

Section 21: All

Section 28: All

- (i) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM

Section 2: W/2 NW/4

- (j) Extend the North Benson-Queen Pool to include therein;

(j) Extend the North Benson-Queen Pool to include therein; and extend the vertical limits to include the Grayburg formation as the result of a completion in the Grayburg formation.

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 27: S/2 S/2

Section 34: SW/4 NE/4 & E/2 NE/4

Section 35: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 22: SE/4

(l) Extend the Eumont Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 8: NE/4

Section 16: SW/4

(m) Extend the South Eunice Pool to include:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 24: SW/4

(n) Extend the Henshaw-Wolfcamp Pool to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/4

(o) Extend the Jackson-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 23: S/2

(p) Extend the North Justis-Blinbry Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 1: SW/4

ADDITION-----SECTION 2: NE/4 NE/4

(q) Extend the Lazy J (Pennsylvanian) Pool to include:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

Section 26: W/2 NE/4

(r) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 32: SW/4

(s) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 19: N/2 NW/4

ADDITION-----TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM

SECTION 13: NW/4 & N/2 NE/4

SECTION 24: S/2 NE/4

(t) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 15: SW/4

Section 16: SE/4

(u) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 East, NMPM

Section 12: SW/4

ADDITION-----Section 12: SW/4 NE/4

(v) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM

CASE 2530:

Southeastern New Mexico nomenclature case calling for an order creating new pools and extending, contracting and changing the vertical limits of certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Grayburg production, designated as the West Anderson Ranch-Grayburg Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 7: NW/4

(b) Create a new oil pool for Queen-Grayburg-San Andres production, designated as the Bear Draw Queen-Grayburg-San Andres Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 28: E/2

(c) Create a new oil pool for Delaware production, designated as the U. S. Delaware Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 27: SW/4

(d) Create a new oil pool for Abo production, designated as the Double A-Abo Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 20: NE/4

(e) Create a new oil pool for Delaware production, designated as the Salado Draw-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
Section 15: NW/4

(f) Create a new oil pool for Blinebry production, designated as the East Weir-Blinebry Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 11: NE/4

(g) Change the Vertical Limits of the Mescalero-Pennsylvanian Pool from Pennsylvanian to Permo-Pennsylvanian inasmuch as several wells are presently completed in both the Wolfcamp and Pennsylvanian formations.

(h) Contract the High Lonesome Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 20: NE/4
Section 21: All
Section 28: All

(i) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 2: W/2 NW/4

ADDITION-----TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 25: SW/4

- ALLOWABLE (1) Consideration of the oil allowable for May, 1962.
- (2) Consideration of the allowable production of gas for May, 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 May, 1962.

CASE 2504: (Continued)
Application of Consolidated Oil & Gas, Inc. for an amendment of Order No. R-1670-C to establish an allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba and Sandoval Counties, New Mexico, which will differ from the allocation formula prescribed for the prorated gas pools of Northwest New Mexico by Rule 9 (C) of Order No. R-1670.

Applicant recommends an allocation formula based 60 percent on acreage and 40 percent on acreage times deliverability. The Commission also may consider the establishment of minimum and maximum allowables for the Basin-Dakota Gas Pool.

CASE 2049: (Reopened)
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 1641: (Reopened)
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for

-4-
Docket No. 12-62

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 23: S/2

- (p) Extend the North Justis-Blaine Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 1: SW/4

- (q) Extend the Lazy J (Pennsylvanian) Pool to include:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

- (r) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 32: SW/4

- (s) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 19: N/2 NW/4

- (t) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 15: SW/4

Section 16: SE/4

- (u) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 East, NMPM

Section 12: SW/4

- (v) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM

Section 27: N/2 NW/4

-3-

Docket No. 12-62

- (h) Contract the High Lonesome Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Section 20: NE/4

Section 21: All

Section 28: All

- (i) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM

Section 2: W/2 NW/4

- (j) Extend the North Benson-Queen Pool to include therein; and extend the vertical limits to include the Grayburg formation as the result of a completion in the Grayburg formation.

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 27: S/2 S/2

Section 34: SW/4 NE/4 & E/2 NE/4

Section 35: NW/4

TOWNSHIP 24 SOUTH, RANGE 32 ~~EAST~~, NMPM

Section 22: SE/4

- (l) Extend the Eumont Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 8: NE/4

Section 16: SW/4

- (m) Extend the South Eunice Pool to include:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 24: SW/4

CASE 2530: (a) CREATION OF AN OIL POOL

County LEA Pool WEST ANDERSON RANCH-GRAYBURG

Township 16 South Range 32 East NMPM

Ex 1:

2530

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 (1) completed oil well capable of producing.

Discovery Well: BOB DEAN, LTD.-Mobil State "7" No. 1 in Unit E of Section 7-16-32. Completed in ^{Grayburg} ~~Premier~~ January 30, 1962. Top of Perforations 4044'

Proposed pool boundary colored in green: SECTION 7: NW/4

CASE 2530: (b) CREATION OF AN OIL POOL

County Eddy Pool Bear Draw-Queen-Grayburg-San Andres

Township 16S Range 29E 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

2530-11

Purpose: Two completed oil wells capable of producing.

Discovery Well: Harlan Production Co., McCallister Fed., #1 in Unit D of Section 28-16-29. Completed in Queen-Grayburg-San Andres February 7, 1961. Top of perforations 1917.

John A. Yates Margret B Fed. No. 1 in Unit L of Section 28-16-29. Completed in Queen August 1, 1961. Top of perforations 1928.

Proposed pool boundary colored in green: Section 28: W/2

CASE 2530: (c) CREATION OF AN OIL POOL

County Eddy Pool U. S. Delaware

Township 21S Range 29E 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 oilwell capable of producing.

Discovery well: Perry R. Bass - J.N.Fidel Fed. No. 1
in Unit M of Section 27-21-29. Completed in Brushy Canyon
(Delaware) September 18, 1953. Top of perforations 6890.

Proposed pool boundary colored in green. Section 27: SW/4

CASE 2530: (d) CREATION OF AN OIL POOL

County LEA

Pool DOUBLE A-ABO

Township 17 South

Range 36 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: Three (3) completed oil wells capable of producing

Discovery well: SUNRAY MID-CONTINENT OIL COMPANY-N. M. State X No. 1 in Unit B of Section 20-17-36. Completed in Abo December 27, 1960. Top of Perforations 9002'

AZTEC OIL & GAS COMPANY-State VA No. 1 in Unit H of Section 20-17-36. Completed in Abo September 2, 1961. Top of Perforations 9177'

SUNRAY MID-CONTINENT OIL COMPANY-N. M. State X No. 2 in Unit G of Section 20-17-36. Completed in Abo November 4, 1961. Top of Perforations 9220'

Proposed pool boundary colored in green: SECTION 20: NE/4

CASE 2530: (e) CREATION OF AN OIL POOL

County LEA

POOL SALADO DRAW-DELAWARE

Township 26 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 (1) completed oil well capable of producing.

Discovery well: COASTAL STATES GAS PRODUCING COMPANY-Conoco Federal No. 1
in Unit C of Section 15-26-33. Completed in Delaware February 6, 1962.

Top of Perforations 5005'

proposed pool boundary colored in green: SECTION 15: NW/4

CASE 2530: (f) CREATION OF AN OIL POOL

County LEA Pool EAST WEIR-BLINEBRY

Township 20 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 (1) completed oil well capable of producing.

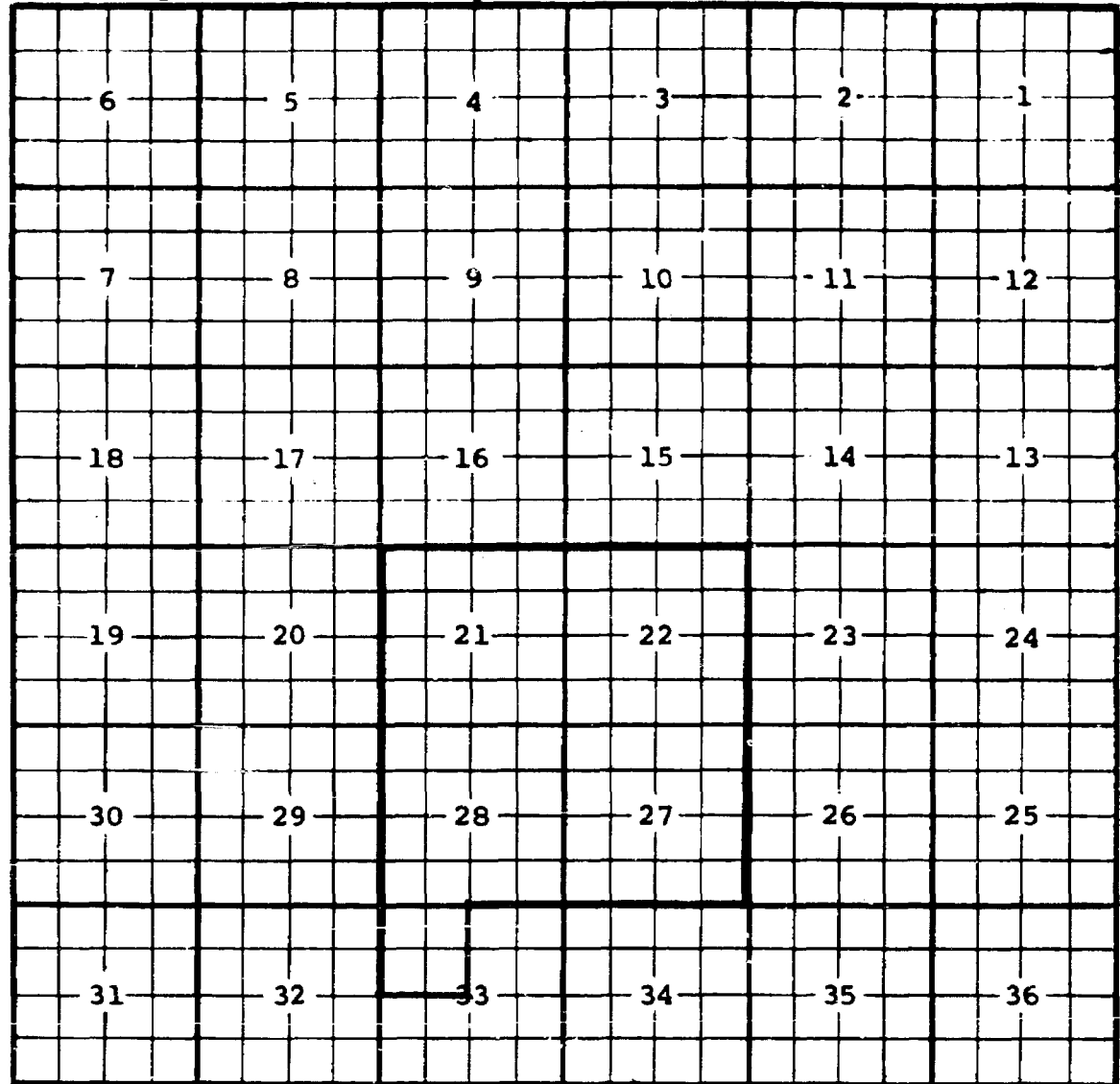
Discovery well: TEXACO, INC.,-C. H. Weir "B" No. 5 in Unit G of Section 11-20-37.

Completed in Blinebry February 3, 1962. Top of Perforations 5814'

Proposed pool boundary colored in green: SECTION 11: NE/4

CASE 2530; (g) CHANGE OF VERTICAL LIMITS AND CHANGE OF POOL NAME

County LEA Pool MESCALERO-PENNSYLVANIAN-CHANGE TO
Tounship 10 South Range 32 East MESCALERO-PERMO PENNSYLVANIAN
NMPM



PURPOSE: Because several wells are presently completed in both the Wolfcamp and Pennsylvanian formations.

Pool boundaries colored in red.

CASE 2530: (h) DELETION OF PORTION OF EXISTING OIL POOL

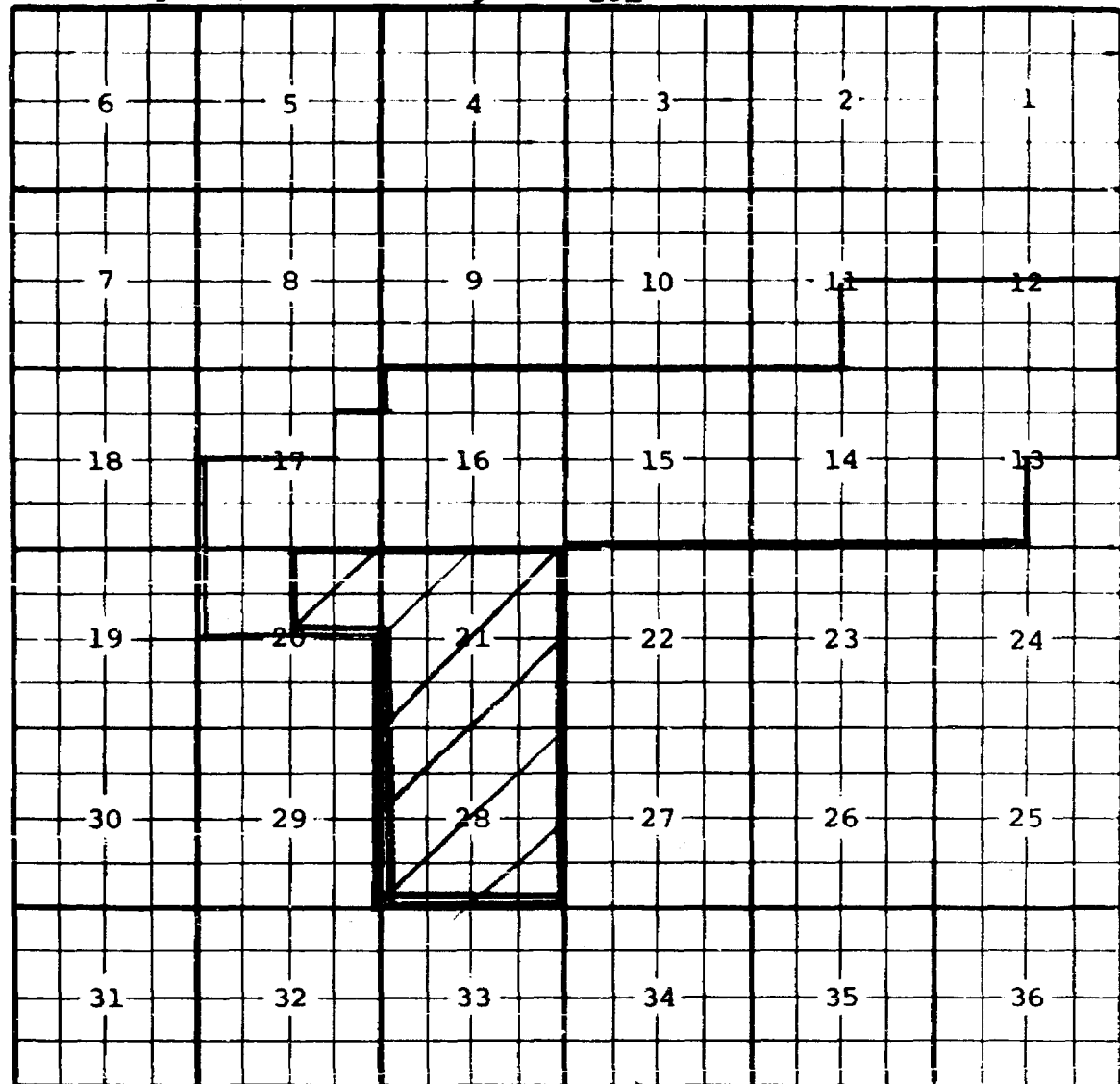
County Eddy Pool High Lonesome (Queen)

Township 16S

Range

29E

NMPM



Purpose: To delete certain acreage in order that a new pool
with conflicting vertical limits may be established in part of
the deleted area.

Pool boundary colored in red.

Proposed Deletions colored in blue Section 20: NE/4

Section 21: All

Section 28: All

2530-111
2530-111

CASE 2530: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

County ROOSEVELT Pool ALLISON-PENNSYLVANIAN

Township 8 South Range 36 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 1 on this exhibit

ADDITION-----GREAT WESTERN DRILLING COMPANY-Smag No. 1 in Unit N of Section 25-8-36.
Completed in Bough "C" March 13, 1962. Top of Perforations 9645'

Pool boundary colored in red. ADDITION:

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

CASE 2530: (j) CHANGE OF VERTICAL LIMITS AND POOL NAME (Continued)

County Eddy Pool North Benson Queen change to North Benson
Queen Grayburg.

Township 18S Range 30E 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 include the Grayburg formation within the vertical limits of the pool as the result of two completed oil wells capable of producing.

Texaco, Inc. Leo R. Manning "B" NCT-1 No. 1 in Unit N of
Section 27-18-30 completed in Queen Grayburg Febtuary 27, 1962.
Top of perforations 2761.

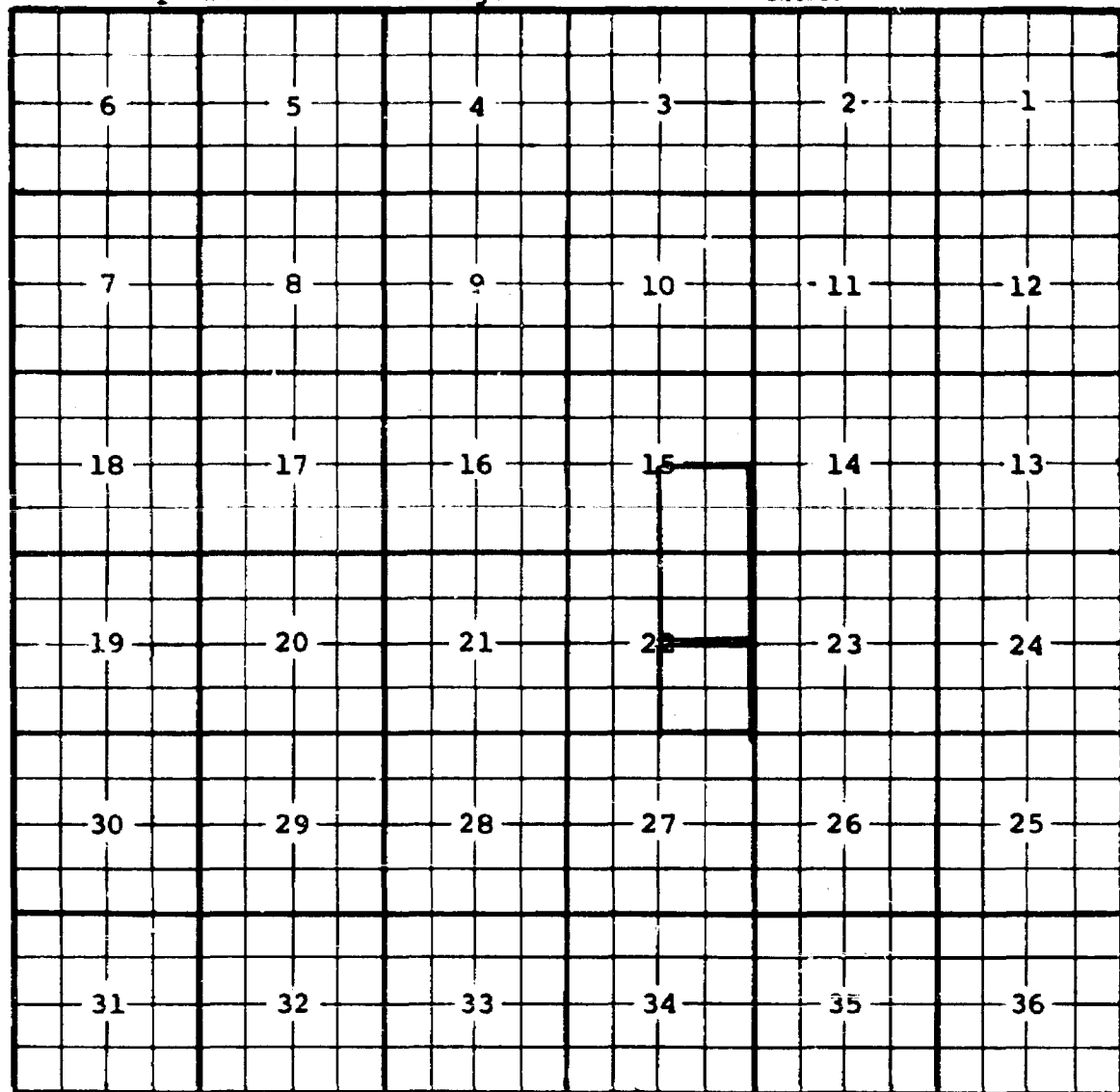
John H. Trigg Fed. "BN", No. 1-35 in Unit D of Section 35-18-30
completed in Queen Grayburg January 15, 1962. Top of perforations
3121.

Pool boundary colored in red.

CASE 2530: (k) EXTENSION OF AN EXISTING OIL POOL

County IEA Pool DOUBLE X-DELAWARE

Township 24 South Range 32 East NMPM



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

CHARLES B. READ-Bradley No. 1 in Unit J of Section 22-24-32. Completed in Delaware February 2, 1962. Top of Perforations 4900'

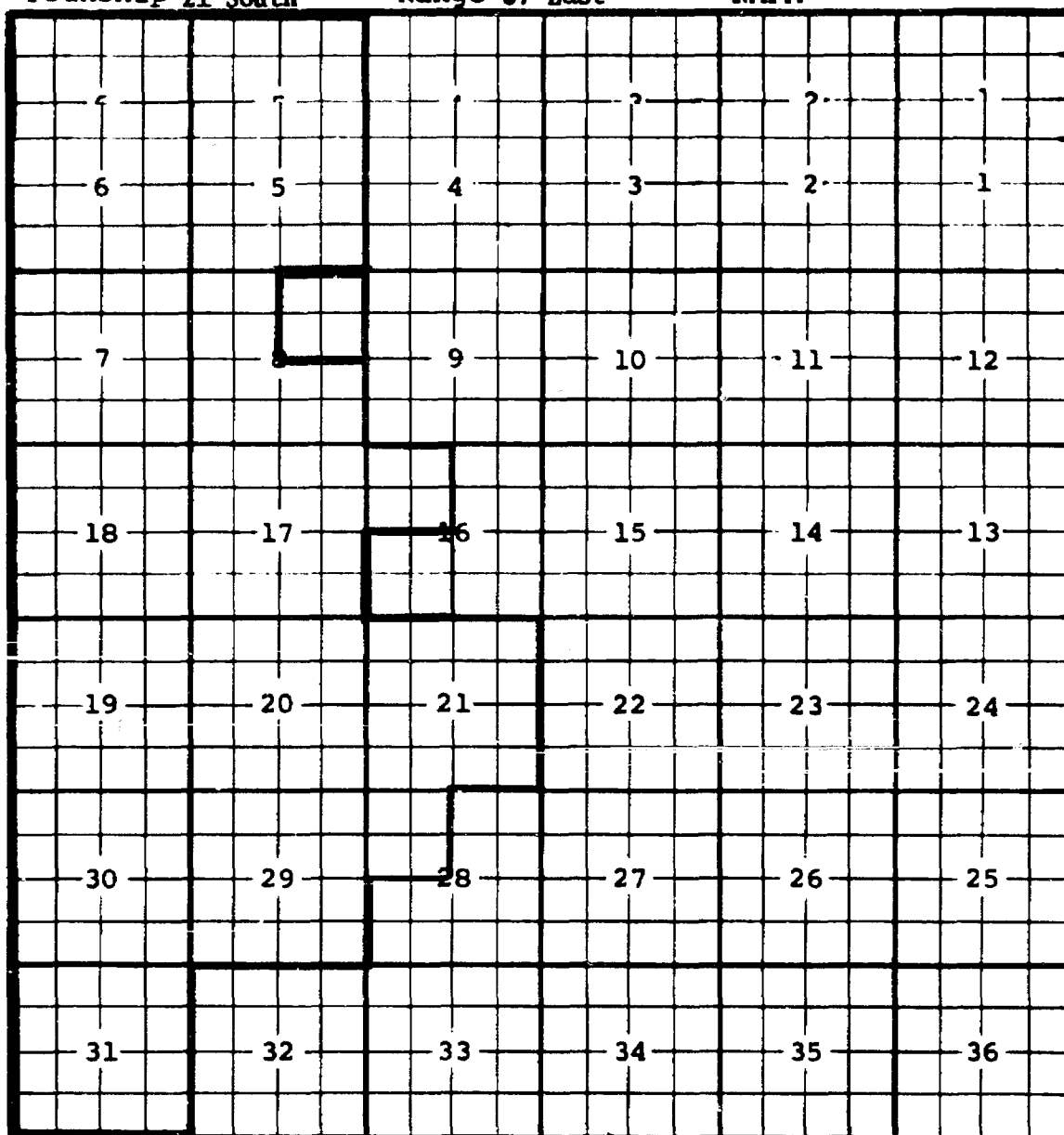
Pool boundary colored in red.

Proposed extension colored in green: SECTION 22: SE/4

CASE 2530: (1) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool ELMONT GAS

Township 21 South Range 37 East NMPM



PURPOSE: Two (2) completed gas wells capable of producing.

AMERADA PETROLEUM CORPORATION-State D "A" No. 1 in Unit L of Section 16-21-37

Completed in Penrose September 19, 1961. Top of Perforations 3552'

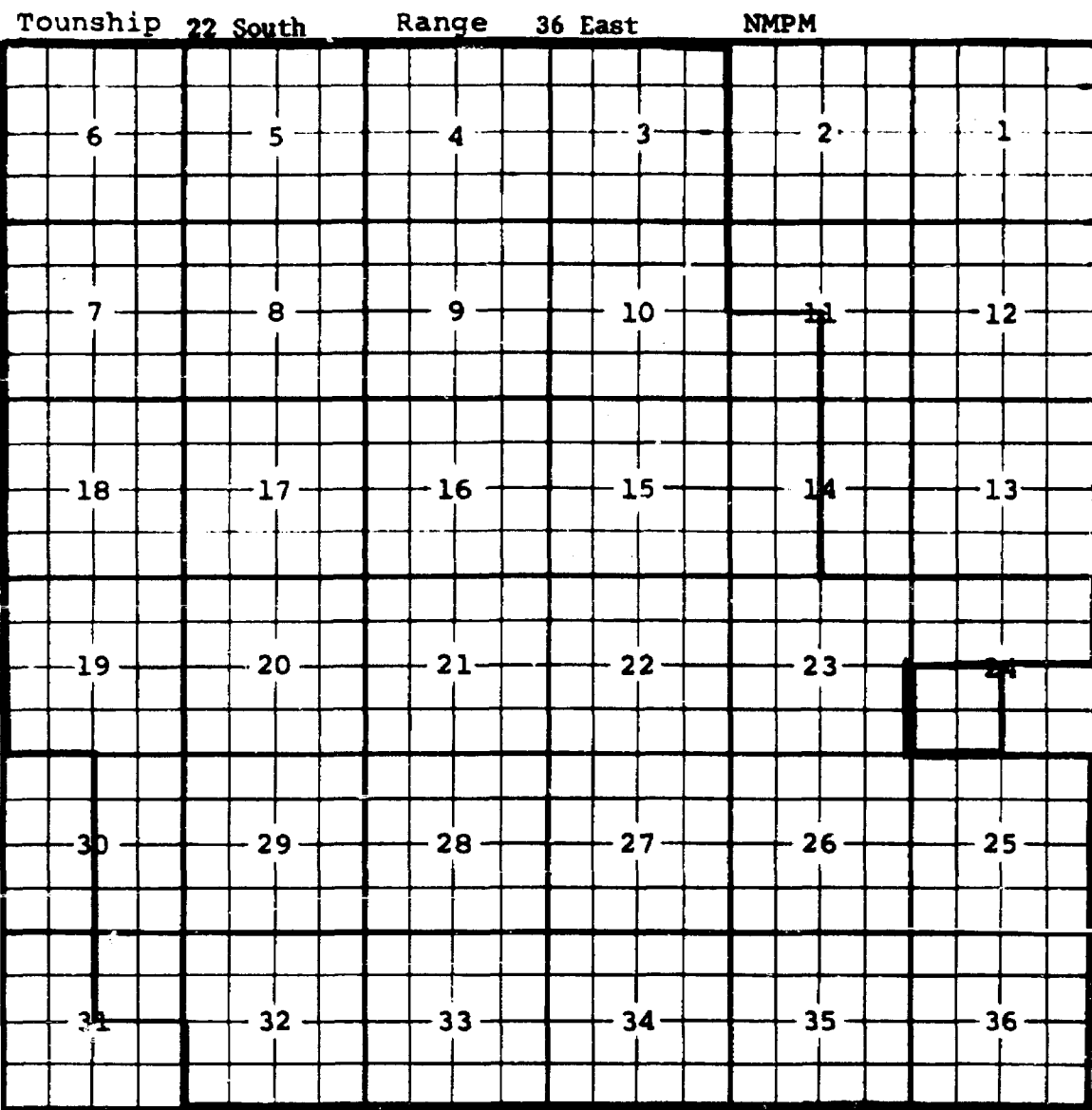
CONTINENTAL OIL COMPANY-Hawk A-8 No. 1 in Unit H of Section 8-21-37. Completed in Queen January 25, 1962. Top of Perforations 3507'.

Pool boundary colored in red.

Proposed extensions colored in green: SECTION 16: SW/4
SECTION 8: NE/4

CASE 2530: (m) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH EUNICE



PURPOSE: Two (2) completed oil wells capable of producing.
 THE OHIO OIL COMPANY-State McDonald A/C 1-B No. 28 in Unit M of Section 24-22-36.
 Completed February 8, 1962 in Queen. Top of Perforations 3700'
 THE OHIO OIL COMPANY-State McDonald A/C 1-B No. 30 in Unit N of Section 24-22-36.
 Completed in Queen April 1, 1962. Top of Perforations 3698'

Pool boundary colored in red.
 Proposed extensions colored in green: SECTION 24: SW/4

CASE 2530: (n) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Henshaw-Wolfcamp

Township 16S Range 30E 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

Shell Oil Co. Henshaw Deep Unit #4 in Unit M of Section 13-16-30.
Completed in Wolfcamp February 23, 1962. Top of perforations 8953.

Pool boundary colored in red.

Proposed extension colored in green. Section 13: SW/4

County Eddy Pool Jackson Abo

County Eddy Pool Jackson Abo

Township 17S Range 30E NMPM

A 6x6 grid with numbers 1-36. A path of thick black lines connects cells 23 and 24, which are adjacent horizontally. Cell 23 is at row 5, column 5 and cell 24 is at row 5, column 6.

Texas Pacific Coal & Oil Co. USA Wooley "D" No. 1 in Unit K of
Section 23-17-30. Completed in Abo January 21, 1962. Top of
perforations 6898.

ADDITION: Sinclair Oil & Gas Co., D. H. Parke" B" No. 5 in Unit L
of Section 23-17-30. Completed in Abo March 3, 1962. Top of
perforations 6890.

Pool boundary colored in red.

Proposed extension colored in green. Section 23: S/2

CASE 2530: (p) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH JUSTIS-BLINEBRY

Township 25 South Range 37 East NMPM

A 6x6 grid with numbers 1-36 and a 2x2 square in the top right. The numbers are arranged in a boustrophedon pattern: Row 1 (left to right): 6, 5, 4, 3, 2, 1; Row 2 (right to left): 7, 8, 9, 10, 11, 12; Row 3 (left to right): 18, 17, 16, 15, 14, 13; Row 4 (right to left): 19, 20, 21, 22, 23, 24; Row 5 (left to right): 30, 29, 28, 27, 26, 25; Row 6 (right to left): 31, 32, 33, 34, 35, 36. A 2x2 square is located in the top right corner, covering the cells containing numbers 1, 2, 11, and 12.

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

CITIES SERVICE PETROLEUM COMPANY-Hodges B No. 3 in Unit L of Section 1-25-37.

Completed in Blinebry February 20, 1962. Top of Perforations 5531'

ADDITION-----AMERADA PETROLEUM CORPORATION-State "NJ" "A" No. 3 in Unit 6 of Section 2-25-37.

Completed in Blinbry March 21, 1962. Top of Perforations 5286'

Pool boundaries colored in red.

Proposed extensions colored in green: SECTION#1: SW/4

ADDITION-----SECTION 2: NE/4 NE/4

CASE 2530: (q) EXTENSION OF AN EXISTING OIL POOL

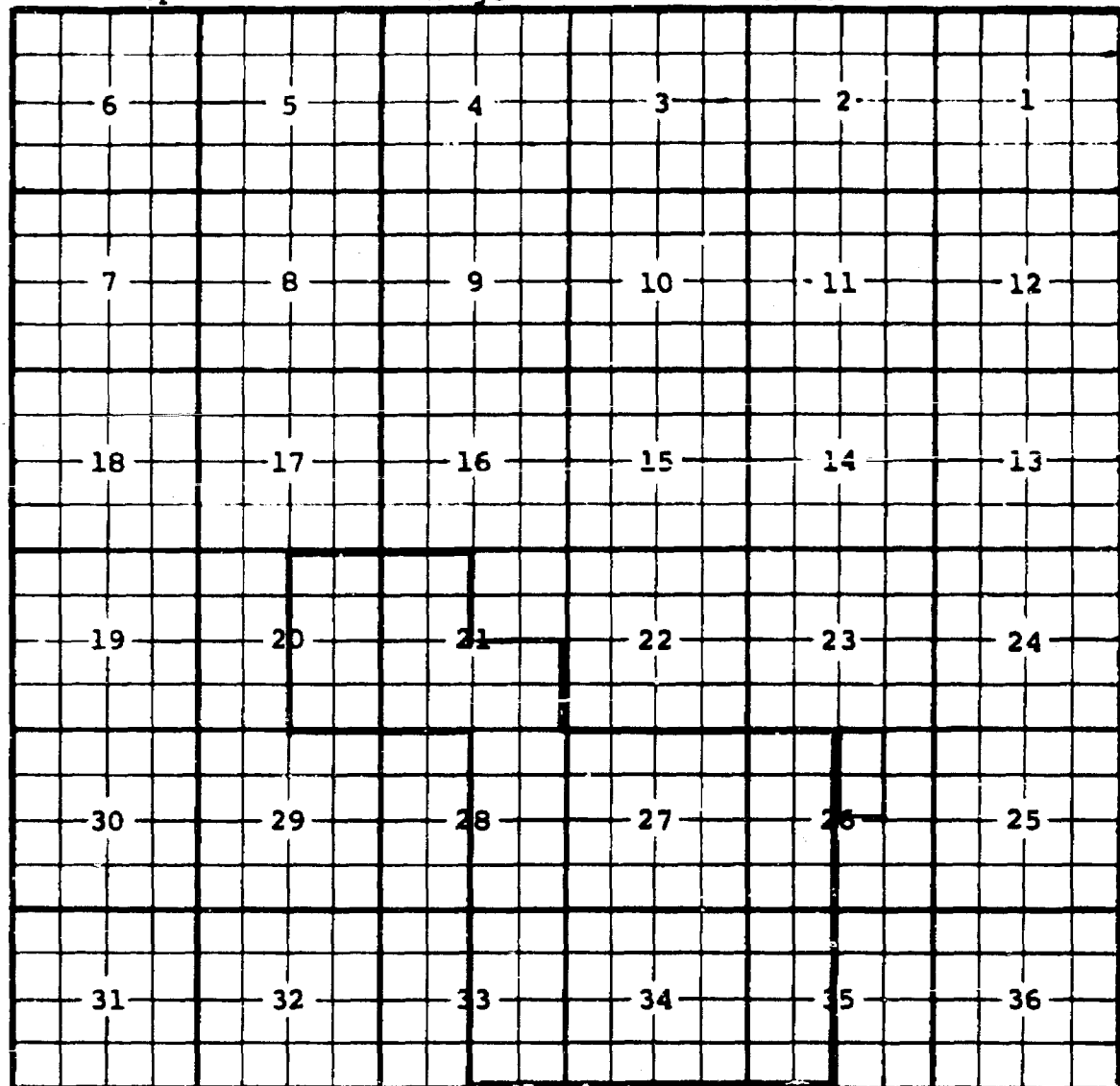
County LEA

Pool LAZY J-PENNSYLVANIAN

Township 13 South

Range 33 East

NMPM



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

TEXAS CRUDE OIL COMPANY-State No. 1-26 in Unit G of Section 26-13-33.

Completed in Pennsylvanian January 15, 1962. Top of Perforations 9776'

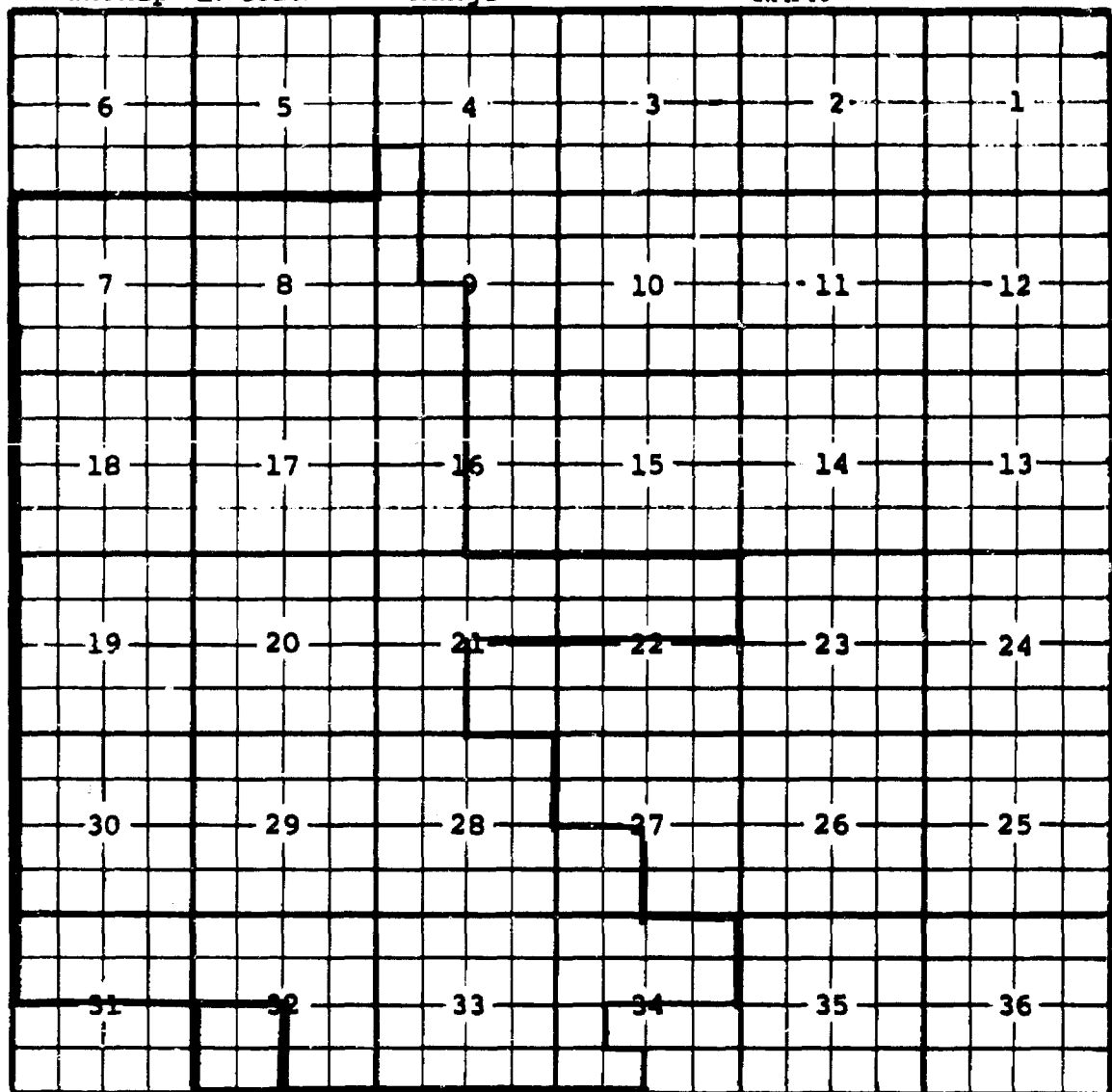
Pool boundaries colored in red.

Proposed extension colored in green: SECTION 26: W/2 NE/4

CASE 2530: (r) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool MALJAMAR

Township 17 South Range 33 East NMPM



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

CARPER DRILLING COMPANY-State "AB" No. 1 in Unit K of Section 32-17-33.

Completed in Grayburg February 9, 1962. Top of Perforations 4512'

Pool boundaries colored in red.

Proposed extension colored in green: SECTION 32: SW/4

CASE 2530: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County ROOSEVELT Pool MILNESAND-SAN ANDRES

Township 8 South Range 35 East NMPM

PURPOSE: Five (5) completed oil wells capable of producing.

BOND OIL CORPORATION-Jacobs Federal No. 5 in Unit D of Section 19-8-35.

Completed in San Andres February 25, 1962. Top of Perforations 4549'

Pool Boundaries colored in red.

Proposed extension colored in Green. SECTION 19:N/2 NW/4

CASE 2530: (s) EXTENSION OF AN EXISTING OIL POOL (Continued)

County ROOSEVELT Pool MILNESAND-SAN ANDRES

Township #8 South Range 34 East NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with 1 in the top-right corner and 36 in the bottom-right corner. A path of 12 squares is highlighted with a thick black border, starting at square 14 and ending at square 15. The path consists of the following squares: 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, and 25.

PURPOSE: As stated on page 1 of this exhibit

ADDITION-----SUNRAY MID-CONTINENT OIL COMPANY-N. M. Federal F No. 6 in Unit F of Section 13-8-34.
Completed in San Andres March 8, 1962. Top of Perforations 4546'

ADDITION-----SUNRAY MID-CONTINENT OIL COMPANY-N. M. Federal F No. 3 in Unit E of Section 13-8-34.
Completed in San Andres March 12, 1962. Top of Perforations 4554'

ADDITION-----SUNRAY MID-CONTINENT OIL COMPANY-N. M. Federal F No. 2 in Unit B of Section 24-8-34
Completed in San Andres March 23, 1962. Top of Perforations 4565'

ADDITION-----SUNRAY MID-CONTINENT OIL COMPANY-N. M. Federal F No. 8 in Unit A of Section 13-8-34
Completed in San Andres March 30, 1962. Top of Perforations 4559'

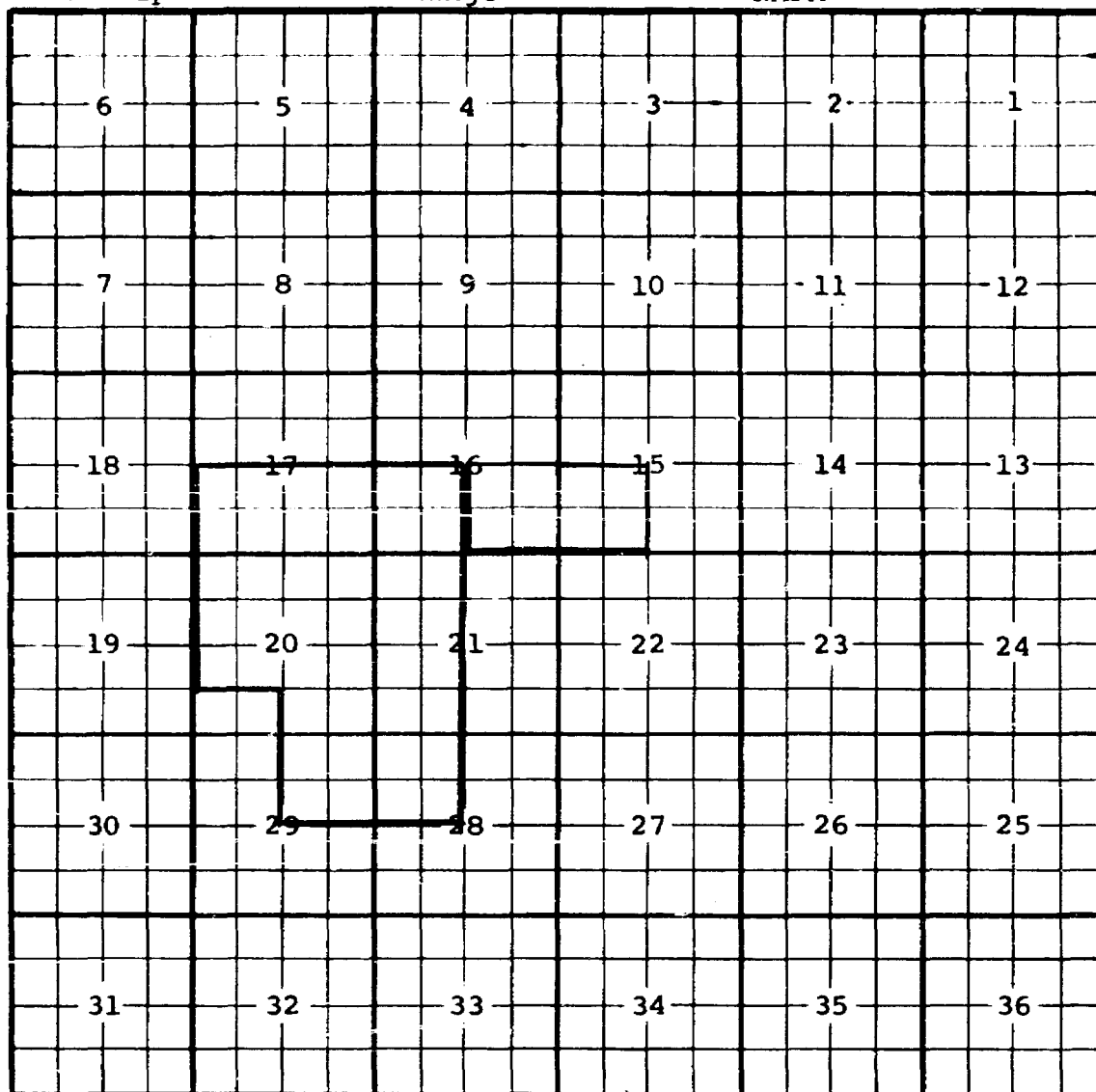
Pool boundaries colored in red.

PROPOSED extensions colored in green. ADDITION, SECTION 13: NW/4 & N/2 NE/4
ADDITION -SECTION 24: S/2 NE/4

CASE 2530: (t) EXTENSION OF AN EXISTING OIL POOL.

County ROOSEVELT Pool SOUTH PRAIRIE-PENNSYLVANIAN

Township 8 South Range 36 East NMPM



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

COASTAL STATES GAS PRODUCING COMPANY-T. S. Massey No. 1 in Unit W of Section 15-8-36. Completed in Bough "C" February 20, 1962. Top of Perforations 9683'

Pool boundaries colored in red.

Proposed extension colored in green. SECTION 15: SW/4
SECTION 16: SE/4

CASE 2530: (u) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool East Red Lake Queen

Township 17 Range 28 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: Two completed oil wells capable of producing.

McCoy & Stevens Superior State No. 1 in Unit L of Section

12-17-28. Completed in Queen October 23, 1961. Top of perforations 1656.

ADDITION: Continental Oil Co. St. P-12 in Unit G of Section

12-17-28. Completed in Queen March 19, 1962. Top of perforations 1784.

Pool boundary colored in red.

Proposed extensions colored in green - Section 12: SW/4

Addition: Section 12: SW/4 NE/4

CASE 2530: (v) EXTENSION TO AN EXISTING OIL POOL

County	Eddy	Pool	Square Lake		
Township	16S	Range	31E	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.

BTA Oil Producers Federal No. 4 in Unit D of Section 27-16-31.
Completed in Grayburg San Andres February 9, 1962. Top of
perforations 3575.

Pool boundary colored in red.

Proposed extension colored in green. Section 27: N/2 NW/4.