# CASE 37591 SOUTHEASTERN NEW MEXICO

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Application Transcripts. Small Exhibits

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE No. 3759 Order No. R-3411

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

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 15, 1968, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20th day of May, 1968, 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 Strawn formation, said pool to bear the designation of South Crossroads-Strawn Pool. Said South Crossroads-Strawn Pool was discovered by J. M. Huber Corporation, Santa Pe "22" No. 1, located in Unit B of Section 22, Township 10 South, Range 36 East, NMPM. It was completed in Strawn on April 6, 1968. The top of perforations is 10,582 feet.

(3) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the -2-CASE No. 3759 Order No. R-3411

Strawn formation, said pool to bear the designation of Mesquite-Strawn Pool. Said Mesquite-Strawn Pool was discovered by Pennzoil Company, Federal A No. 1, located in Unit D of Section 3, Township 18 South, Range 31 East, NMPM. It was completed in Strawn on February 25, 1968. The top of perforations is 11,001 feet.

(4) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of South Osudo-Wolfcamp Gas Pool. Said South Osudo-Wolfcamp Gas Pool was discovered by Amerada Petroleum Corporation, State WE "K" No. 1, located in Unit F of Section 15, Township 21 South, Range 35 East, XMPN. It was completed in Wolfcamp on May 23, 1967. The top of perforations is 10,899 feet.

(5) That there is need for the consolidation of the Lane-Pennsylvanian Pool, the Vada-Pennsylvanian Pool and a portion of the Inbe Permo-Pennsylvanian Pool, Lea County, New Mexico. Said consolidation to be accomplished by the abolishment of the Lane-Pennsylvanian Pool, the contraction of the Inbe Permo-Pennsylvanian Pool, and extension of the Vada-Pennsylvanian Pool.

(6) That there is need for certain extensions to the Buffalo Valley-Pennsylvanian Gas Pool and the Cato-San Andres Pool, both in Chaves County, New Mexico, the Bagley-Pennsylvanian Pool, the North Bagley-Lower Pennsylvanian Pool, the North Bagley-Upper Pennsylvanian Pool, the East EK-Queen Pool, the Inbe Permo-Pennsylvanian Pool, the Littman-San Andres Pool, the East Mason-Delaware Pool, the Scharb-Bone Springs Pool, the Simanola-Pennsylvanian Pool, the North Vacuum-Abo Pool, the Vacuum-Middle Pennsylvanian Pool, the Vacuum-Upper Pennsylvanian Pool, the Vacuum-Middle Pennsylvanian Pool, the Vacuum-Upper Pennsylvanian Pool, the Vada-Pennsylvanian Pool, and the Warren-Drinkard Pool, all in Lea County, New Mexico, and the Chaveroo-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 Strawn production, is hereby created and designated as the South Crossroads-Strawn Pool, consisting of the following-described area:

> TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM Section 22: NE/4

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

## TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 3: NW/4 NW/4

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

## TOWNSHIP 21 SOUTH, RANGE 35 EAST, HMPM Section 15: NW/4

(d) That the Lane-Pennsylvanian Pool in Lea County, New Mexico, consisting of the following-described area:

TOWNSHIP 9 SOUTH, RANGE 33 BAST, NMPM

Section 23: NE/4 Section 24: W/2 Section 25: W/2 and SE/4 Section 35: E/2 Section 36: All

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPH Section 30: \$/2 Section 31: W/2

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM Section 1: All Section 2: E/2 and SW/4 Section 12: N/2

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM Section 6: W/2 and SE/4

is hereby abolished.

(e) 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 3: SE/4 Section 10: E/2 Section 11: All

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

## TOWNSHIP 9 SOUTH, RANGE 33 RAST, NHPM Section 36: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM Section 9: 5/2 Section 15: NE/4 Section 29: NW/4 and S/2 Section 30: All Section 31: N/2 and SE/4 Section 32: W/2

# TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM

Section 1: NW/4 and S/2 Section 2: All Section 3: SE/4 Section 10: All Section 11: All

## TOWNSHIP 10 SOUTH, RANGE 34 BAST, NMPM Section 5: NN/4 Section 6: All

(g) That the Bagley-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 36: SE/4

(h) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Moxico, as heretofore classified, defined, and described, is hereby extended to include therein:

| TOWNSHII | <u>P 11</u> | SOUTH, | RANGE | <u>33</u> | EAST, | NMPM |
|----------|-------------|--------|-------|-----------|-------|------|
| Section  | 17:         | NW/4   |       |           |       |      |
| Section  | 18:         | ne/4   |       |           |       |      |
| Section  | 20:         | N/2    |       |           |       |      |
| Section  | 29:         | NW/4   |       |           |       |      |
| Section  | 30:         | N/2 N  | e/4   |           |       |      |

(i) That the North Bagley-Upper Pennsylvanian Pocl in Lea County, New Mexico, as heretofore classified, defined, and -5-CASE No. 3759 Order Mo. 8-3411

described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH. RANGE 33 EAST. HMPM Section 16: M/2 Section 17: M/2 Section 28: MM/4 Section 29: M/2

(j) That the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 14 SOUTH, RANGE 27 EAST, MNPM Section 35: N/2

> TOMESHIP 15 SOUTH, RANGE 27 RAST, MMPM Section 1: W/2 Section 2: S/2

(k) 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, HMPM Section 34: SW/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPH Section 3: NW/4 Section 5: E/2

(1) 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 23: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 22: NE/4

(n) That the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, -6-CASE No. 3759 Order No. R-3411

is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM Section 13: NM/4 Section 24: NE/4 Section 35: SE/4 Section 36: SW/4

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM Section 18: SW/4

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

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NNPM Section 21: W/2

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

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM Section 20: 5W/4

(q) That the Scharb-Bone Springs 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 1: 5/2 Section 11: SE/4 Section 12: All

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

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM Section 17: NE/4 Section 20: NW/4

(s) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described,

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is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM Section 13: SE/4 Section 14: E/2

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

> TOWNSHIP 17 SOUTH. RANGE 34 EAST, NMPM Section 13: SE/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM Section 14: SE/4

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

> TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 35: NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be June 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, Chairman

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

CASE 3759 Southeastern nousea date i care sella In the matter of the application of the Oil Conservation Commission Mexico upon its own motion for an order for the creation of new pool in contraction Eddy and Lea Counties, New Mexico, the abolishment, of an existing pool Lea County, New Mexico, the deletion of an existing peol in Lea County, Nexico, and the extension of certain existing pools in Chaves, Lea, and Eddy, a Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, deletions, and extensions should not be made.

NOMENCLATURE ADVERTISEMENT FOR MAY, 1968

**8** 

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the South Crossroads-Strawn Pool. The discovery well is J. M. Huber Corporation, Santa Fe "22" No. 1, located in Unit B of Section 22, Township 10 South, Range 36 East, NMPM. Said pool described as: should comprise the foregoing described are:

> TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM SECTION 22: NE/4 V

b) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Strawn production and designated as the Mesquite-Strawn Pool. The discovery well is Pennzoil Company, Federal A No. 1, located in Unit D of Sec-tion 3, Township 18 South, Bange 31 East, NMPM. Said pool described as: should comprise the force of the force of the second force

c) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the South Osudo-Wolfcamp Gas Pool. The discovery well is Amerada Petroleum Corporation, State WE "K" No. 1, located in Unit F of Section 15, Township 21 South, Range 35 East, NMPM. Said pool described as: Thousand comprise the following-discribed area:

/ TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM SECTION 15: NW/4

d) ABOLISH the Lane-Pennsylvanian Pool in Lea County, New Mexico, described ser a standill to to the second secon as:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 23: NE/4 SECTION 24: W/2SECTION 25: W/2 and SE/4 SECTION 35: E/2 SECTION 36: All TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM SECTION 30: S/2 SECTION 31: W/2 TOWNSHIP LO SOUTH, RANGE 33 EAST, NMPM SECTION 1: A11 SECTION 2: E/2 and SW/4SECTION 12: N/2

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM SECTION 6: W/2 and SE/4

-2-May, 1968 Nomenclature

Contract

e) **DELETE** the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, by deletion of following described **us:** area:

*TOWNSHTP 10 SOUTH, RANGE 33 EAST, NMPM* SECTION 3: SE/4 SECTION 10: E/2 SECTION 11: All

() EXTEND the Bagley-Pennsylvanian Pool in Lea County, New Mexico, to in-

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 36: SE/4

(A) EXTEND the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 17: NW/4 SECTION 18: NE/4 SECTION 20: NE/4

A) EXTEND the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 16: N/2 SECTION 17: N/2 SECTION 28: NW/4 SECTION 29: N/2

) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 27 EAST, NMPM SECTION 35: N/2 TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM SECTION 1: W/2 SECTION 2: S/2

k FXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM SECTION 5: E/2

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM SECTION 23: SE/4 -3-May, 1968 Nomenclature

(M) EXTEND the East EK-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPMSECTION 22: NE/4

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

> TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 13: NW/4 SECTION 24: NE/4

(A) EXTEND the Littman-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM SECTION 21: W/2

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

> TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM SECTION 20: SW/4

(f) EXTEND the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 1: S/2 SECTION 11: SE/4 SECTION 12: All

(h) EXTEND the Simanola-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM SECTION 17: NE/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 13: SE/4

EXTEND the Vacuum-Middle Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 13: SE/4

EXTEND the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SE/4 -4-May, 1968 Nomenclature

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

| V            | TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM<br>SECTION 36: SW/4  |
|--------------|--|
|              | TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM<br>SECTION 9: SW/4<br>SECTION 15: NE/4,<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4 |
| $\checkmark$ | TOWNSHIP 10SOUTH, RANGE 33 EAST: NMPMSECTION 1:NW/4 and S/2SECTION 2:AllSECTION 3:SE/4SECTION 10:AllSECTION 11:All                                       |
| V            | TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM<br>SECTION 5: NW/4<br>SECTION 6: All  |

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM SECTION 35: NE/4 DOCKET: REGULAR HEARING - WEDNESDAY - MAY 15, 1968

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

ALLOWABLE (1) Consideration of the oil allowable for June, 1968;

- (2) Consideration of the allowable production of gas for June, 1968, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico; also presentation of purchaser's nominations for said pools for the six-month period beginning July, 1968; consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for June, 1968.
- CASE 3757: Application of Mobil Oil Corporation for an exception to Order No. R-3221, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Commission Order No. R-3221, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicant's C. L. O'Brien "C" lease in Section 1, Township 9 South, Range 28 East, Twin Lakes-Devonian Pool, Chaves County, New Mexico. Applicant seeks authority to continue to dispose of produced water in a surface pit on said lease.
- CASE 3758: Application of William A. and Edward R. Hudson for an exception to Order No. R-3221, Eddy County, New Mexico. Applicants, in the above-styled cause, seek an exception to Commission Order No. R-3221, which prohibits the disposal of water produced in conjunction with production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicants' Federal, Gulf Federal, and Eddy State "BD" leases in Sections 28, 32, and 33, Township 20 South, Range 30 East, Dos Hermanos Yates-Seven Rivers Pool, Eddy County, New Mexico. Applicants seek authority to continue to dispose of produced water in surface pits in said leases.
- CASE 3759: Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, contraction, and extension of certain poels in Chaves, Lea, Eddy and Roosevelt Counties, New Mexicos

Regular Hearing - May 15, 1968

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(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the South Crossroads-Strawn Pool. The discovery well is J. M. Huber Corporation, Santa Fe "22" No. 1, located in Unit B of Section 22, Township 10 South, Range 36 East, NMPM. Said pool should comprise the following-described area:

## TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM SECTION 22: NE/4

(b) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Strawn production and designated as the Mesquite-Strawn Pool. The discovery well is Pennzoil Company, Federal A No. 1, located in Unit D of Section 3, Township 18 South, Range 31 East, NMPM. Said pool should comprise the following-described area:

## TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM SECTION 3: NW/4 NW/4

(c) Create a new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the South Osudo-Wolfcamp Gas Pool. The discovery well is Amerada Petroleum Corporation, State WE "K" No. 1, located in Unit F of Section 15, Township 21 South, Range 35 East, NMPM. Said pool should comprise the following-described area:

> TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM SECTION 15: NW/4

(d) Abolish the Lane-Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 23: NE/4 SECTION 24: W/2 SECTION 25: W/2 and SE/4 SECTION 35: E/2 SECTION 36: All TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM SECTION 30: S/2 SECTION 31: W/2 -3-Regular Hearing - May 15, 1968 (d continued)

Docket No. 14-69

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 1: All SECTION 2: E/2 and SW/4 SECTION 12: N/2

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM SECTION 6: W/2 and SE/4

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

> TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 3: SE/4 SECTION 10: E/2 SECTION 11: All

(f) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 36: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM SECTION 9: SW/4 SECTION 15: NE/4 SECTION 29: NW/4 and S/2 SECTION 30: All SECTION 31: N/2 and SE/4

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 1: NW/4 and S/2 SECTION 2: All SECTION 3: SE/4 SECTION 10: All SECTION 11: All

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM SECTION 5: NW/4 SECTION 6: All

(g) Extend the Bagley-Pennsylvanian Pool in Lea County, New Mexico to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 36: SE/4

Regular Hearing - May 15, 1968

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(h) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 17: NW/4 SECTION 18: NE/4 SECTION 20: NE/4

(i) Extend the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 16: N/2 SECTION 17: N/2 SECTION 28: NW/4 SECTION 29: N/2

(j) Extend the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 27 EAST, NMPM SECTION 35: N/2

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM SECTION 1: W/2 SECTION 2: S/2

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

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM SECTION 5: E/2

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

> TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM SECTION 23: SE/4

(m) Extend the East EK-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM SECTION 22: NE/4

Regular Hearing - May 15, 1968

Docket No. 14-68

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

> TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 13: NW/4 SECTION 24: NE/4

(o) Extend the Littman-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM SECTION 21: W/2

(p) Extend the East Mason-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM SECTION 20: SW/4

(q) Extend the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 1: S/2 SECTION 11: SE/4 SECTION 12: A11

(r) Extend the Simanola-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM SECTION 17: NE/4

(s) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 13: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 13: SE/4

(u) Extend the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SE/4

-6-Regular Hearing - May 15, 1968

## Docket No. 14-68

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM SECTION 35: NE/4

dearnley-meier reporting service, inc.

TESTIMONY, DAILY COFY, CONVENTIONS BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico May 15, 1968 REGULAR HEARING MEXICO IN THE MATTER OF: Ę Southeastern New Mexico nomenclature case calling for an order for the EXPERT 1120 SIMMS BLDD. • P. O. BOX 1892 • PHONE 243-4491 • AIBUQUERQUE. ) Case No. 3759 creation, abolishment, contraction, and extension of certain pools in Chaves, Lea, Eddy and Roosevelt Counties, New Mexico. SPECIALIZING IN: DEPOSITIONS, MEARINGS, STATE MENTS. ) ) \_ \_ \_ Honorable David Cargo BEFORE: Mr. A. L. Porter Mr. Guyton B. Hays TRANSCRIPT OF HEARING

MR. PORTER: We will take up Case 3759.

MR. HATCH: Case 3759. Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, contraction, and extension of certain pools in Chaves, Lea, Eddy and Roosevelt Counties, New Mexico.

(Witness sworn.)

# JOE D. RAMEY

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.

A Joe D. Ramey, supervisor, Commission's District I.

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

A Yes, sir.

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

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

Α

Yes, sir, and that is labeled Southeast New Mexico

Nomenclature Case, Exhibit 1, paragraphs (a) through (v).

Q Please refer to Exhibit No. 1 and to the docket that has been prepared and distributed and point out the substantial differences between the two, or any corrections or additions that need to be made.

Α I have several additions; first, in paragraph (f), in Township 9 South, Range 34 East, Section 9, Southeast Quarter, Section 32, the West Half. In paragraph (h), addition in Township 11 South, Range 33 East, Section 20, Northwest Quarter, Section 29, Northwest Quarter, Section 30, the North Half of the Northeast Quarter. Paragraph (k), Township 9 South, Range 30 East, addition in Section 3, the Northwest Quarter; in Township 8 South, Range 30 East, Section 34, Southwest Quarter. Paragraph (n), in Township 10 South, Range 33 East, Section 35, the Southeast Quarter, Section 36, the Southwest Quarter, and in Township 10 South, Range 34 East, Section 18, Southwest Quarter. Paragraph R, Township 10 South, Range 34 East, Section 20, the Northwest Quarter. In paragraph (s), Township 17 South, Range 34 East, Section 14, the East Half. The remainder is as shown on the docket.

Q Do you recommend to the Commission that the subject approvals be created, abolished and contracted and

3

extended as you have added to those at this hearing today?

A Yes, sir.

Q Was the Exhibit No. 1 prepared by you or someone under your supervision?

A Yes, sir, it was.

MR. HATCH: I would like to move the introduction of Exhibit 1 in evidence.

MR. PORTER: If there are no objections, the exhibit will be admitted.

(Whereupon, Exhibit No. 1 was offered and admitted in evidence.)

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MR. PORTER: Does anyone have a question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Does anyone have anything further to offer in this case?

MR. KELLAHIN: Jason Kellahin, appearing for Mineral, Incorporated and B.T.A. As the Commission well knows, we have been before the Examiner several times in connection with the problems in the Lane-Pennsylvanian, the Vada-Pennsylvanian and the Inbe Permo-Pennsylvanian Pools and we feel that the recommendations that have been made here today will solve those problems quite adequately, and we support the recommendations as made by Mr. Ramey.

MR. PORTER: I notice those problems have to do with spacing in the various pools.

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

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INDEX

| WITNESS           |                 | PAGE                    |
|-------------------|-----------------|-------------------------|
| JOE D. RAMEY      |                 |                         |
| Direct Examinatio | on by Mr. Hatch | 2                       |
| EXHIBIT           | MARKED          | OFFERED AND<br>ADMITTED |
| Exhibit No. 1     | 2               | 4                       |

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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 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 8th day of June, 1968.

And Dearnly NOTARY PUBLIC

My Commission Expires: June 19, 1971. 7

| CASE 3759 (a) CREATION OF A NEW OIL POOL |  |
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J. M. HUBER CORPORATION - Santa Fe "22" #1 in Unit B of Section 22-10-36. Completed in Strawn on April 6, 1968. Top of Perforations 10,582'. Proposed pool boundary colored in red, SECTION 22: NE/4

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CASE 3759: (b) CREATION OF A NEW OIL POOL

# POOL Mesquite-Strawn COUNTY Eddy TOWNSHIP RANGE 18s NMPM 31E - 2-6 5 ---4 -- 3--7 -8 -- 9 -- 10 -- 11 --12 - 16 -14 --17-+ -18 - 15 --13-Т 1 -19 - 20 --- 21-- 22 -23-24-- 28 -- 26 --- 30 -- 29 -- 27 -25 -- 33 -- 31-- 32 -- 34 ---- 35 -36 -Purpose: One completed oil well capable of producing. Discovery Well: Pennzoil Co. Federal A well No. 1 in unit D of section 3-18-31. Completed in Strawn February 25, 1968, through perforations 11001 to 11004'. \_\_\_\_ \_\_\_\_\_ Proposed pool boundary colored in green. Section 3: NW/4 NW/4

CASE 3759: (b) CREATION OF A NEW OIL POOL

CASE 3759: (c) CREATION OF A NEW GAS POOL

| COUNTY      | LEA           | POOL SOUTH     | OSUDO-WOLFCAMP  | CAS                   |
|-------------|---------------|----------------|-----------------|-----------------------|
| TOWNSHIP    | 21 South      | RANGE 35 E     | ast NMPM        |                       |
|             |               |                |                 |                       |
|             | - 5.          |                |                 |                       |
| 6-          |               | 4              | 3               | - 2- 1                |
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|             |               | 16             |                 | - 14                  |
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|             | 20-           | -21            |                 | -23                   |
|             |               |                | 22              | 23 24                 |
|             |               |                |                 |                       |
|             |               |                |                 |                       |
| 30          | 29            | 28             |                 | - 26 25               |
|             | 25            | 20             |                 |                       |
|             |               |                |                 |                       |
|             |               |                |                 |                       |
| 31          | 32            | 33             |                 | - 35 36               |
|             |               |                |                 |                       |
|             |               |                |                 |                       |
| PURPOSE: (  | ne completed  | gas well capa  | able of produci | ng.                   |
| AMERADA PE  | TROLEUM CORPO | RATION ~ State | e WE "K" #1 in  | Unit F of Section 15- |
| 21-35. Cor  | npleted in Wo | lfcamp on May  | 23, 1967. Top   | of Perforations       |
| 10,899'.    |               |                |                 | ·                     |
| Proposed po | ol boundary   | colored in rea | SECTION 15:     | 11.1 / A<br>19.14 / C |
|             |               |                |                 |                       |
|             |               |                |                 |                       |
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| CASE 3759 | : (d) | ABOLISHMENT OF AN | EXISTING OIL POOL | (Continued on next page) |
|-----------|-------|-------------------|-------------------|--------------------------|
| COUNTY    | LEA   | POOL LANE         | -PENNSYLVANIAN    |                          |

|   | NOWNSHIP 9      | South        | RANGE            | 33 East          | NMPM                                    |
|---|-----------------|--------------|------------------|------------------|---|
| 1 1 1 12   18 17 16 15 14 13   19 20 21 22 29 24   19 20 21 22 29 24   30 29 28 27 26 25   31 32 33 34 36 36   9 10 15 14 13 14   19 20 21 22 29 24   31 32 33 34 36 36   9 10 10 10 10 10   10 10 10 10 10 10   11 12 10 10 10 10   10 10 10 10 10 10 10   11 12 10 10 10 10 10 10   11 12 10 10 10 10 10 10 10   10 10 10   |                 |              |                  |                  |   |
| 7 8 9 10 11 12   18 17 16 15 14 13   19 20 21 22 29 24   30 29 28 27 26 25   31 32 33 34 34 34   9 10 15 14 13   19 20 21 22 29 24   19 20 21 22 29 24   31 32 33 34 34 34   9 10 10 10 10 10   10 10 10 10 10 10   11 12 22 29 24 27 26   31 32 33 34 34 34 34   131 32 33 34 34 34 34   14 13 10 10 10 10 10 10   131 32 33 <td></td> <td></td> <td></td> <td></td> <td></td>                                     |                 |              |                  |                  |   |
| URPOSE: Recause of spacing problems and because this pool produces<br>from the same structure and reservoir as the Vada-Pennsylvani<br>Pool, all productive acreage is to be placed in the Vada-<br>Pennsylvanian Pool.<br>roposed pool abolishment colored in blue. SECTION 23: NE/4<br>SECTION 24: W/2<br>SECTION 25: W/2 and SE/4<br>SECTION 35: E/2   |                 | 5.           |                  | - 3              |   |
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| 18 17 16 15 14 13   19 20 21 22 29 24   30 29 28 27 26 25   31 32 33 34 38 36   19 20 21 22 29 24   30 29 28 27 26 25   31 32 33 34 38 36   18 19 20 21 22 25   19 20 21 22 29 24   30 29 28 27 26 25   31 32 33 34 36 36   10 10 10 10 10 10   10 10 10 10 10 10 10   11 13 13 14 13 14 13 14   11 12 33 34 34 36 16 16   12 16  |                 | ┣━┼─┼─┼─     |                  |                  |   |
| 19 20 21 22 23 24   30 29 28 27 26 25   31 32 33 34 36   31 32 33 34 36   URPOSE: Because of spacing problems and because this pool produces from the same structure and reservoir as the Vada-Pennsylvani   Pool, all productive acreage is to be placed in the Vada-Pennsylvanian Pool. roposed pool abolishment colored in blue. SECTION 23: NE/4   SECTION 24: W/2   SECTION 25: W/2 and SE/4   SECTION 35: E/2 | + 7 +           | 8            | 9                | 10               |   |
| 19 20 21 22 23 24   30 29 28 27 26 25   31 32 33 34 36   31 32 33 34 36   URPOSE: Because of spacing problems and because this pool produces from the same structure and reservoir as the Vada-Pennsylvani   Pool, all productive acreage is to be placed in the Vada-Pennsylvanian Pool. roposed pool abolishment colored in blue. SECTION 23: NE/4   SECTION 24: W/2   SECTION 25: W/2 and SE/4   SECTION 35: E/2 |                 |              |                  |                  | ┝╍╉╍┼╍┼╍┼╸╉╸┼╺┼╸┼╸┨                     |
| 19 20 21 22 23 24   30 29 28 27 26 25   31 32 33 34 36   31 32 33 34 36   URPOSE: Because of spacing problems and because this pool produces from the same structure and reservoir as the Vada-Pennsylvani   Pool, all productive acreage is to be placed in the Vada-Pennsylvanian Pool. roposed pool abolishment colored in blue. SECTION 23: NE/4   SECTION 24: W/2   SECTION 25: W/2 and SE/4   SECTION 35: E/2 | ╈╼╉╼╋╼╸         | ┠╍╆╍╊╼╄╼     | +++              |                  |   |
| 19 20 21 22 23 24   30 29 28 27 26 25   31 32 33 34 36   31 32 33 34 36   URPOSE: Because of spacing problems and because this pool produces from the same structure and reservoir as the Vada-Pennsylvani   Pool, all productive acreage is to be placed in the Vada-Pennsylvanian Pool. roposed pool abolishment colored in blue. SECTION 23: NE/4   SECTION 24: W/2   SECTION 25: W/2 and SE/4   SECTION 35: E/2 | ┽╌┽╌┼╌╴         | ╏─┼─┼─┼─     | ┨╌┼╌┼╌┥          |                  |   |
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| 30 29 28 27 26 25   31 32 33 34 36 36   31 32 33 34 36 36   URPOSE: Because of spacing problems and because this pool produces from the same structure and reservoir as the Vada-Pennsylvani   Pool, all productive acreage is to be placed in the Vada- Pennsylvanian Pool.   roposed pool abolishment colored in blue. SECTION 23: NE/4   SECTION 24: W/2   SECTION 25: W/2 and SE/4   SECTION 35: E/2            | ╉╍╋╍╂╍╸         | ┠╍┼╍┼        | ╋╍┿╍┾╍╍          | ┝╌╌╉╌╌┞╌╌┝╌╌╸    |   |
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| Pool, all productive acreage is to be placed in the Vada-<br>Pennsylvanian Pool.<br>roposed pool abolishment colored in blue. SECTION 23: NE/4<br>SECTION 24: W/2<br>SECTION 25: W/2 and SE/4<br>SECTION 35: E/2  |                 |              |                  |                  |   |
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| SECTION 24: W/2<br>SECTION 25: W/2 and SE/4<br>SECTION 35: E/2  |                 |              |                  | d in blue.       |   |
| SECTION 25: W/2 and SE/4<br>SECTION 35: E/2   | 200000 00       | A WOOTTOHING |                  |                  |   |
| SECTION 35: E/2   |                 |              |                  |                  |   |
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|   |                 |              | <u></u>          |                  |   |
|   |                 |              |                  |                  | STATIUN 30: ALL                         |
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|          | (d) A<br>LEA | BOLISHMENT<br>POOL |         | ISTING OF      |          | ontinued or     | next page |
|----------|--------------|--------------------|---------|----------------|----------|-----------------|-----------|
| TOWNSHIP | 10 Sout      | h RANGE            | 33 East |                | NMPM     |                 |           |
|          |              |                    | 9       | 10             |          |                 |           |
|          | 17           |                    | 6       | 15-            | 14-      |                 |           |
|          | 20           |                    |         | 22             |          | 24              |           |
| 30       | 29           |                    | 8       | - 27           | 26-      | 25              |           |
|          |              | Lon precedi        |         | olue. SE<br>SE | CTION 1: | All $E/2$ and S |           |
|          |              |                    |         |                |          |                 |           |



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| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c} -5 & -5 & -4 \\ -7 & -8 & -9 \\ -18 & -17 & -16 \\ -19 & 20 & -21 \\ -19 & 20 & -21 \\ -19 & -20 & -21 \\ -19 & -20 & -21 \\ -22 & -23 & -24 \\ -23 & -26 & -25 \\ \end{array}$  |
|---|--|
|   | 30 $29$ $28$ $27$ $20$ $40$ $40$ $40$ $40$ $40$ $40$ $40$ $4$  |
|   | -30 $23$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ $-36$ $-31$ $-32$ $-33$ $-34$ $-35$ $-36$ |

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| CASE 3759: (f<br>COUNTY LEA | E) EXTENSION OF POOL | AN EXISTING OIL   | POOL (Continued on<br>IAN                | n next page)  |
|-----------------------------|----------------------|-------------------|--|---------------|
|                             | DANGE                | 33 East           | IMPM                                     |               |
| TOWNSHIP 95                 | South                |                   | +++++                                    |               |
|                             | ++-                  | 3                 |  | 1             |
|                             | - 5                  |                   | -+-+-+-+-+                               |               |
|                             |                      | ++++++            | ++++                                     |               |
|                             |                      | ┤┥╂┼┽┽            |  | -12           |
|                             |                      | 9                 |  |               |
|                             | +++++                |                   |  | +++-1         |
| ++++                        | -+-+-+-+-+           |                   |  | ++++          |
|                             |                      | -16               | 14++                                     | +13           |
| 18+1                        |                      |                   |  |               |
|                             |                      |                   |  |               |
|                             |                      |                   | 23                                       | -+ 24         |
|                             | 20                   | - 21              |  |               |
|                             | ┨╍┿╾┾╌╄╌             |                   | ++++++                                   | -+-+          |
|                             |                      |                   | ++++++                                   |               |
|                             | 29                   | - 28 27           | 26                                       |               |
|                             |                      | +++++             |  |               |
|                             | ++++                 |                   |  |               |
|                             | ++++                 |                   | 35                                       |               |
| 31-+                        |                      |                   |  | $\frac{1}{2}$ |
|                             |                      |                   |  |               |
| PURPOSE:                    | To take in prod      | uctive acreage in | abolished Lane-P                         | Pennsylvanian |
| Fold Obar                   | Pool, to take i      | n deleted acreage | e from Lube Permo-<br>lls capable of pro | oducing.      |
|                             | Pool, and nine       | completed oil ac. |  |               |
| Pool bour                   | idary colored in     | red.              | SECTION 36: SW                           | /4            |
| Proposed                    | pool extension       |                   |  | •             |
|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
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|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
|                             |                      |                   |  |               |
| 6 5 4 3 2 1   7 8 9 10 11 -12   -18 17 -16 15 14 -13   -18 17 -16 15 14 -13   -19 -20 21 -22 23 24   -19 -20 21 -22 23 24   -30 -30 28 -27 26 25   -31 -12 -33 34 -35 -36   -31 -12 -33 -34 -35 -36   -31 -12 -33 -34 -35 -36   -31 -12 -33 -34 -35 -36   -31 -12 -33 -34 -35 -36   -31 -12 -33 -34 -35 -36   -31 -12 -33 -34 -35 -36   -30 -28 -27 26 -25 -10   -30 -35 -36 | <b>TOWNSHIP</b> |               | South      | n         | ANGE     | 34                                    | Fast      |         | NM           | 1PM  |     |     |      |             |             |           |
|--|-----------------|---------------|------------|-----------|----------|---------------------------------------|-----------|---------|--------------|------|-----|-----|------|-------------|-------------|-----------|
| 1  |                 |               |            | TT        |          | TT                                    | 1         | 1 1     | i            |      |     |     | Т    | T           |             | T         |
| 1  | -+              | ··· •         |            |           |          | • • • • • • • • • • • • • • • • • • • |           | ╉───╂── |              |      |     |     | +    |             |             |           |
| 18 17 -16 15 14 13   19 20 21 22 23 24   30 28 27 26 25   30 28 27 26 25   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   32 28 27 26 25 25   31 12 33 34 35 36   32 28 27 26 25 25   34 35 36 36 36 36   35 36 35 36 36 36   36 35 36 36 36 36   37 38 34 35 36 36   38  | 6+              |               | <u>s</u> - | · • • • • |          | 4 -                                   |           | 3       | +            |      |     | 2.  |      |             | -1          |           |
| 18 17 -16 15 14 13   19 20 21 22 23 24   30 28 27 26 25   30 28 27 26 25   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   32 28 27 26 25 25   31 12 33 34 35 36   32 28 27 26 25 25   34 35 36 36 36 36   35 36 35 36 36 36   36 35 36 36 36 36   37 38 34 35 36 36   38  | +++             |               |            | ┼──╂╴     |          | ┟                                     |           |         |              | []   |     |     |      |             |             |           |
| 18 17 -16 15 14 13   19 20 21 22 23 24   30 28 27 26 25   30 28 27 26 25   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   32 28 27 26 25 25   31 12 33 34 35 36   32 28 27 26 25 25   34 35 36 36 36 36   35 36 35 36 36 36   36 35 36 36 36 36   37 38 34 35 36 36   38  |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| 18 17 -16 15 14 13   19 20 21 22 23 24   30 28 27 26 25   30 28 27 26 25   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   32 28 27 26 25 25   31 12 33 34 35 36   32 28 27 26 25 25   34 35 36 36 36 36   35 36 35 36 36 36   36 35 36 36 36 36   37 38 34 35 36 36   38  |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| 18 17 -16 15 14 13   19 20 21 22 23 24   30 28 27 26 25   30 28 27 26 25   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   31 12 33 34 35 36   32 28 27 26 25 25   31 12 33 34 35 36   32 28 27 26 25 25   34 35 36 36 36 36   35 36 35 36 36 36   36 35 36 36 36 36   37 38 34 35 36 36   38  |                 |               |            |           |          | 11                                    | 1         |         |              |      |     |     |      |             | 1           | T         |
| 19 20 21 22 23 24   30 29 27 26 25   30 29 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   32 33 34 35 36 36   33 34 35 36 36 36   34 5 5 5 36 36   35 5 5 5 5 36   36 5  | +7+             |               | 8          |           |          | 9-+-                                  | -         | - 10 -  |              |      | - 1 | 1-  |      |             | 12-         | $\dagger$ |
| 19 20 21 22 23 24   30 29 27 26 25   30 29 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   32 33 34 35 36 36   33 34 35 36 36 36   34 5 5 5 36 36   35 5 5 5 5 36   36 5  | +++             |               |            | ┼─┨       |          | ┝─┼                                   |           |         | +            |      |     |     | -+   |             | +           | ┢         |
| 19 20 21 22 23 24   30 29 27 26 25   30 29 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   32 33 34 35 36 36   33 34 35 36 36 36   34 5 5 5 36 36   35 5 5 5 5 36   36 5  | ╺╁╾╼┼╌          |               |            | ┼╌╴┣      | -        |                                       |           |         | +            |      |     |     |      |             |             | ╀         |
| 19 20 21 22 23 24   30 29 27 26 25   30 29 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   32 33 34 35 36 36   33 34 35 36 36 36   34 5 5 5 36 36   35 5 5 5 5 36   36 5  | ┿╌┼╌┼           |               |            | ┼╌╂       |          | - +                                   |           |         | 4            |      |     |     |      |             |             | ╞         |
| 19 20 21 22 23 24   30 29 27 26 25   30 29 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   31 32 33 34 35 36   32 33 34 35 36 36   33 34 35 36 36 36   34 5 5 5 36 36   35 5 5 5 5 36   36 5  | +18+            |               |            |           | <b>1</b> | 6-                                    |           |         |              |      |     | 4   |      |             | 13-         | L         |
| 30 32 28 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (We) Jisted on attached sheet.) 36   Jool boundary colored in red. SECTION 9: SW/4 SW/4   SECTION 15: NE/4 SECTION 29: NW/4 and S/2   SECTION 30: All SECTION 31: N/2 and SE/4   ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          | ĭ                                     |           |         |              |      |     |     |      |             |             |           |
| 30 32 28 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (We) Jisted on attached sheet.) 36   Jool boundary colored in red. SECTION 9: SW/4 SW/4   SECTION 15: NE/4 SECTION 29: NW/4 and S/2   SECTION 30: All SECTION 31: N/2 and SE/4   ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             | Τ         |
| 30 32 28 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (We) Jisted on attached sheet.) 36   Jool boundary colored in red. SECTION 9: SW/4 SW/4   SECTION 15: NE/4 SECTION 29: NW/4 and S/2   SECTION 30: All SECTION 31: N/2 and SE/4   ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       | 1         |         |              |      |     |     | -    |             |             | t         |
| 30 32 28 27 26 25   31 32 33 34 35 36   31 32 33 34 35 36   JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (We) Jisted on attached sheet.) 36   Jool boundary colored in red. SECTION 9: SW/4 SW/4   SECTION 15: NE/4 SECTION 29: NW/4 and S/2   SECTION 30: All SECTION 31: N/2 and SE/4   ADDITIONSSECTION 9: SE/4   | +++             |               |            | ┼╌╂       |          | ┞──┼─                                 | -†        | ┟╌╍┥╍╸  | +            |      |     |     | -+   |             | -           | $\dagger$ |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  | +-19+           |               | 20         | ┼╌╂       | -+ 2     | <del>} +</del>                        |           | - 22 -  | +            |      | - 2 | 3-+ |      |             | 24-         | +         |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  | ╉╌╂╌╂           |               |            | ┝╌┠       |          |                                       |           | ┝─┼─    | +            |      |     |     |      |             |             | ╀         |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 |               |            | +         |          |                                       | _         |         |              |      |     |     |      |             |             | Ļ         |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             | 20          |           |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4                                | +-30 +          |               | <b>Ate</b> |           |          |                                       |           | -21-    |              |      | - 2 | 67  |      |             | 25-         | T         |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4                                | +-+-+           |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             | $\dagger$ |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4                                | ┽╾┼╼┽           |               |            |           |          | ┝──┼╸                                 | -+        |         | +            |      |     | +   | -+   |             |             | ┢         |
| JRPOSE: As stated on preceding page, paragraph (f), Exhibit I. (Wel<br>listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4                                | ╉╌╂╌╂           | ╌╉╌┤          |            | ┼╌┠       |          |                                       |           |         | +            |      |     |     | -+   |             |             | ╀         |
| listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4   | +-1i-+          | - !           | - 12 -     | ╞╌┣       |          | 3                                     |           | - 34-   | 44           | ·    | - 3 | 5+  | -    |             | 36-         | ╀         |
| listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4   |                 | _             |            | ļļ.       |          |                                       |           |         |              |      |     |     | -    |             |             | 1         |
| listed on attached sheet.)<br>pol boundary colored in red.<br>roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       |           |         |              |      |     | Í   |      |             |             |           |
| bol boundary colored in red.   roposed pool extensions colored in green. SECTION 9: SW/4   SECTION 15: NE/4   SECTION 29: NW/4 and S/2   SECTION 30: All   SECTION 31: N/2 and SE/4   ADDITIONSSECTION 9: SE/4   | URPOSE :        |               |            |           |          |                                       |           |         |              |      |     |     |      |             | -           |           |
| roposed pool extensions colored in green. SECTION 9: SW/4<br>SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| SECTION 15: NE/4<br>SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 | -             |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| SECTION 29: NW/4 and S/2<br>SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  | roposed j       | <u>2001 e</u> | extens     | ions      | colo     | ced i                                 | n gri     | en.     | SECI         | CION | 9:  |     | sw/4 | 1           |             |           |
| SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 |               |            |           |          |                                       |           |         | SECT         | CION | 115 |     | NE/4 | 1<br>1      |             |           |
| SECTION 30: All<br>SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4  |                 |               |            |           |          |                                       |           |         | SEC 1        | TON  | 29  |     | NW/4 | <u>l</u> an | d <u>s/</u> | 2         |
| SECTION 31: N/2 and SE/4<br>ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
| ADDITIONSSECTION 9: SE/4   |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
|  |                 |               |            |           |          |                                       |           |         |              |      |     |     | -    |             |             |           |
| SECTION 32: W/2  |                 |               |            |           | AD       | <u>JITIO</u>                          | <u>NS</u> |         |              |      |     |     |      |             |             |           |
|  |                 |               |            |           |          |                                       |           |         | SECT         | TION | 32  | : 1 | W/2  | <b>~</b>    |             |           |
|  |                 |               |            |           |          |                                       | ~~~~      |         | <del>.</del> |      |     |     |      | ~           |             |           |
|  |                 |               |            |           |          |                                       |           |         |              |      |     |     |      |             |             |           |
|  | ·               |               |            |           |          |                                       |           |         | -            |      |     |     |      |             |             |           |

CASE 3759: (f) EXTENSION OF AN EXISTING OIL POOL (Continued on next page) COUNTY LEA POOL VADA-PENNSYLVANIAN

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| COUNTY | LEA | POOL | VADA – PENNSYLVAN IAN |  |
|--------|-----|------|-----------------------|--|
|        |     |      |                       |  |

TOWNSHIP 9 South RANGE 34 East NMPM

MIDWEST OIL CORPORATION - W. T. Hutcherson #1 in Unit M of Section 9-9-34. Completed in Pennsylvanian on March 12, 1968. Top of Perforations 9707'.

BTA OIL PRODUCERS - Mattie 678 Ltd. Com #1 in Unit G of Section 15-9-34. Completed in Bough C on March 22, 1968. Top of Perforations 9775'.

BTA OIL PRODUCERS - Newkirk 682 Ltd. #1 in Unit O of Section 29-9-34. Completed in Bough C on April 15, 1968. Top of Perforations 9838'.

ALLEN K. TROBAUGH - Wood #2 in Unit C of Section 29-9-34. Completed in Bough C on March 26, 1968. Top of Perforations 9841'.

BTA OIL PRODUCERS - Max 677 Ltd. #2 in Unit N of Section 30-9-34. Completed in Pennsylvanian on January 25, 1968. Top of Perforations 9788'.

MIDWEST OIL CORPORATION - H. E. Cook #1 in Unit 0 of Section 31-9-34. Completed in Pennsylvanian on February 16, 1968. Top of Perforations 9784'.

ADDITION--BTA OIL PRODUCERS - Watson 678 Ltd. #1 in Unit P of Section 9-9-34. Completed in Bough C on April 5, 1968. Top of Perforations 9720'.

ADDITION--SOUTHLAND ROYALTY COMPANY - Vada State #1 in Unit D of Section 32-9-34. Completed in Bough C on April 9, 1968. Top of Perforations 9824'.

ADDITION---SOUTHLAND ROYALTY COMPANY - Vada State #2 in Unit L of Section 32-9-34. Completed in Bough "C" on April 26, 1968. Top of Perforations 9819'.



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| TOWNSHIP  | 11       | South    | RAN          | IGR (             | <u> 20 Das</u> | <u>i.</u>   | MILL IL                     |                    |               |              |          |
|-----------|----------|----------|--------------|-------------------|----------------|-------------|-----------------------------|--------------------|---------------|--------------|----------|
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
| 6         |          | - 5      |              | - 4 -             |                | - 3         |                             | - 2                |               |              |          |
|           |          |          | -            |                   |                | f           | f                           |                    |               | + - + -      |          |
| ╺┼╼┼╴┼╴   |          | ┝──╄──╊╸ | +            |                   |                | ┠╌╌┼╼╼      | ┿╌╉──                       |                    |               | ╋╍╋╌         | +        |
| ╉╌╋╌╂     | +        | ┝╶╉╴╉    |              | ┠──┠──┫           |                |             | ┦╼╍╉╾╍╴                     |                    |               | ╉╌┼╴         | +        |
| +7+       |          | - 8      |              | - <u>9</u> -      |                | - 10 -      | ┞╌┨╌╌                       | - 11 -             |               | +-12-        | +        |
| ╺╁╸╉╺┠    |          | ┝╌╂╌╂    |              |                   |                | <u> </u>    | ┼╌╉──                       |                    |               | ╉╌╪╴         | +        |
| ╺┿╾┿╌┿    | <u>_</u> | ┝╼╍┠╼╍┠╸ | 4            |                   |                |             | ╞┈┠──                       |                    |               | $\downarrow$ | ┿        |
|           | _        |          |              |                   |                |             |                             |                    |               |              |          |
|           |          | -17      |              | -16 -             | _              | - 15 -      |                             | 14 -               |               | +-13-        |          |
|           |          |          |              |                   |                | <b>T</b> 2. |                             | 14                 |               | 13           |          |
|           |          |          | Ì            |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               | $\uparrow$   | 1        |
| ╶╂╌╄╼╂╸   |          |          |              |                   |                | ╏──┼──      | ┼╌┟╌╴                       |                    |               |              | +        |
|           |          | - 20     | -+           | - 21              |                | - 22 -      | ╞╌╂╌╴                       | -23-               |               | + 24 -       | +        |
| ┥╾┼╸┼╴    |          | ┝─┤─┼    |              | ┝──╀──┧           |                | ┝╍┼╍        | ┟──┨───                     |                    |               | ╉╾╄╸         | +        |
| ╶╁╌╂╌╂╴   |          | ┝━╍╁╍╌╂╍ |              | - -               |                | ┣─-├──      | ┼╌╂╌╴                       |                    |               | +            | +        |
|           |          |          |              | ┝╌┼╌╎             |                | <b> </b>    |                             |                    |               | + $+$ $-$    |          |
|           |          | - 29     |              | - 28 -            |                | - 27 -      |                             | - 26               |               | 25           |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          | T            |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
| -+ 31-+-  |          | - 32 +-  |              | - <del>33 -</del> |                | - 34 -      | <b>₹</b> ─ <u></u> <b>†</b> | - 3 <del>5 -</del> |               | 1-36-        | 1        |
| ╶┼╴┼╶┽    |          |          |              |                   |                | ╏╴╏╾╸       | ┼╌╂╌╸                       |                    |               | ╧╋           | +        |
|           |          |          | -            |                   |                |             |                             |                    |               |              |          |
| URPOSE:   |          |          | _            |                   |                |             |                             |                    |               |              |          |
| AJOR. GIF |          |          |              |                   |                |             |                             | -                  |               |              |          |
| ompleted  | in Po    | ennsylva | <u>inian</u> | (Bough            | 1 C) o         | n Nove      | mber l                      | 5 <u>, 196</u>     | 7 <u>. To</u> | p of ]       | Perf     |
| rations 9 | 908'     | •        |              |                   |                |             |                             |                    |               |              | <b>.</b> |
| ool bound | ary o    | colored  | <u>in r</u>  | ed.               |                |             |                             |                    |               |              |          |
| roposed p | 001      | extensio | on co.       | lored i           | n gre          | en. S       | ECTION                      | 36: 3              | SE/4          |              |          |
|           |          |          |              |                   | -              |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          | <u>.</u>     |                   |                |             |                             | ·                  |               | ~            |          |
|           |          |          |              |                   |                | ·····       |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |
|           |          |          |              |                   |                |             |                             |                    |               |              |          |

# CASE 3759: (g) EXTENSION OF AN EXISTING OIL POOL

| TOWNSHIP                 | 1 South            | POOL NO        | 33 East         |                 | NMPM                                  |              |             |                |            |      |
|--------------------------|--------------------|----------------|-----------------|-----------------|---------------------------------------|--------------|-------------|----------------|------------|------|
|                          |                    |                |                 |                 |                                       | T            |             |                | T          |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          |      |
| 6                        |                    | ĪĪĪ            | 1 1             |                 |                                       | - <u>2</u> . | 4 ····· 4 · |                | 1          | 1    |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          | 1    |
|                          |                    |                |                 |                 |                                       |              |             |                | 1-         |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          |      |
|                          |                    | 9-             |                 | - 10            |                                       | - 11 -       |             | -+-1           | 1 <b>2</b> |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          |      |
|                          |                    |                |                 |                 |                                       |              |             |                |            |      |
|                          |                    |                |                 |                 |                                       |              |             |                |            |      |
|                          |                    |                | 11              | - 15            |                                       | - 14 -       |             |                | 13<br>1    |      |
|                          |                    | i I I          |                 |                 | · · · · · · · · · · · · · · · · · · · |              |             |                | 1          |      |
|                          |                    |                |                 |                 |                                       |              |             |                |            |      |
| 19                       |                    |                |                 |                 |                                       |              |             |                | 1          |      |
|                          |                    |                |                 | - 22            |                                       | -23-         |             | + <sup>2</sup> | 24         |      |
|                          |                    |                |                 |                 |                                       |              |             |                |            |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          |      |
|                          | 2.9                |                |                 | - 27 -          |                                       | - 26 -       |             | -† 2           | 25 –<br>   |      |
|                          |                    |                |                 |                 |                                       |              |             |                | 1          | †    |
|                          |                    |                | TT              |                 |                                       |              |             |                |            |      |
|                          |                    |                |                 | - 34            |                                       |              |             |                | 1          |      |
|                          |                    |                |                 | - 34 -          |                                       | - 35<br>     |             | -1-3           | 56 -<br>   |      |
|                          |                    |                |                 |                 |                                       |              |             |                |            |      |
| URPOSE: Tw               | o completed        | oil wel        | ls capa         | ble of          | produc                                | ing.         |             |                |            |      |
|                          | EAD - Shell        |                | •               |                 | -                                     | U            |             |                |            |      |
|                          | March 7, 1         |                |                 |                 |                                       |              |             |                |            | -    |
|                          | PANY-CLARK         | -              | -               |                 |                                       | -            |             |                |            |      |
|                          | wer Pennsyl        |                |                 |                 |                                       |              |             |                |            |      |
| 801',                    | _                  |                | ,               |                 |                                       | 1            |             |                |            |      |
| DDITIONST                | OLTZ & COMP.       | ANY-CLAR       | <u>к – Қа</u> у | <u>#1 in</u>    | <u>Unit</u> I                         | of S         | ectio       | on 20          | -11        | -33, |
|                          | mpleted in         |                |                 |                 |                                       |              |             |                |            |      |
| or                       | ations 9979        |                |                 |                 |                                       |              |             |                |            |      |
| DDITIONSA                | <u>m boren - G</u> | raham B        | <u>State #</u>  | <u>l in U</u> i | <u>it A c</u>                         | f Sec        | tion        | 30-1           | <u>1-3</u> | 3.   |
| Co                       | mpleted in 1       | Pennsylv       | anian o         | n April         | L <u>13,</u> 1                        | 968          | Тор         | of P           | erf        | ora- |
|                          | ons 9927',         |                |                 | -               |                                       |              |             |                |            |      |
| ool boundar              | y colored i        |                |                 |                 |                                       |              |             |                |            |      |
|                          |                    |                | in are          | an c            | EC TION                               | י7.          | NUJ / A     |                |            |      |
| roposed pool<br>DDITIONS | L exter Ons        | <u>COTOTCC</u> | C TT RYR        | لدهللك          | TTTT                                  |              | 1818 4 - 4  |                |            |      |

| CASE 3759. | (i) | EXTENSION OF AN EXISTING OIL POOL |
|------------|-----|-----------------------------------|

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| COUNTY   | LEA          | POOL NORTH BAGLEY    | -UPPER PENNSYLVANIAN            |      |
|----------|--------------|----------------------|---------------------------------|------|
| TOWNSHIP | 11 South     | RANGE 33 East        | NMPM                            |      |
|          |              |                      |                                 |      |
|          |              |                      | 32                              |      |
| 6        | 5            |                      | 32                              |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          | 8-+          | 9 1                  | 0                               | 2-   |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          | 17           |                      | 5                               | 3    |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      | 2 23 2                          | 4-   |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              | 28 28 2              | 7                               | 5 -+ |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      |                                 |      |
|          |              |                      | 4                               | 6-   |
|          |              |                      |                                 |      |
| PURPOSE: | Two complete | ed oil wells capable | of producing.                   |      |
|          |              |                      | e "DK" #2 in Unit C of Se       |      |
|          |              |                      | an on February 23, 1968.        |      |
|          | -            |                      | an <u>an reprodiz</u> 20, 1000. |      |
|          | -            |                      | it C of Section 29-11-33.       | C C  |
|          |              |                      | , 1968. Top of Perforati        |      |
| -        |              |                      | · ·                             |      |
|          |              | in red.              |                                 |      |
|          | -            |                      | . SECTION 16: N/2               |      |
|          |              | An Ban An An Son     | SECTION 17: $N/2$               |      |
|          |              |                      |                                 |      |
|          |              |                      | SECTION 28: NW/4                |      |

| COUNTY           | LEA      | POOL N    | ORTH BAGL       | EY-UPF        | PER PENNSYLVANI    | AN       |
|------------------|----------|-----------|-----------------|---------------|--------------------|----------|
| TOWNSHIP         | 11 South | RANGE     | 33 East         | ي من من من من | NMPM               |          |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 |               |                    |          |
| 6                | 5        | 1 1       |                 | 3+            |                    |          |
|                  |          |           |                 |               |                    |          |
| ╺╍╋╼╍┾╍╌┼╌       |          |           |                 |               |                    | ╏╌┼╌┼╌┼  |
|                  | ╉╾┼╌┼╌┼╌ | ┫╌┤─┼     | <b>╶┼╌╂</b> ╶┼  | -+            |                    | ╊╌┾╌┼╌┼╴ |
|                  | 8        | 9         | -+              | 10 -          |                    |          |
| ╶╁╌╂╌╂╼          | ╉╌┼╌┼╌┾╴ | ╶╉╌┼╌┼    | ╾╀╌╂╌┼          |               | ╌╉╌┼╌┼╌┼╌          | ╉╌┼╌┾╌┾╴ |
| ╾╁╾┼╴┼╴          | -        | ╶┠╍┾╍┿    | ╾┿╍┫╌┤          | ╾┽╾┽          | ╶╉╌┼╌┼╌┼╴          | ╋╌┼╌┾╌┼╌ |
|                  |          | ╉┯┼┯┼     |                 |               |                    | ┨╌┞╌┝╌┝╴ |
|                  | 1-17-1-  |           |                 | - 15 -+       |                    |          |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 |               |                    |          |
|                  | 20       |           |                 | - 22          | -+-+ 243-+         | 24       |
| -+               | ╉╌┼╌┼╌┼╴ |           | ─ <b>┼─┨</b> ─┼ |               |                    | ╉╾┾╌┼╌┼╴ |
| <del>-∤-}-</del> | ╊╍┿╍┿┈┿╍ | ╺╉╼╌┼╌╌┟╴ | ╾┼╾┦╌┼          |               | ╌╆╍┿╍╃╌┼╌          | ╂╍┼╍┼╸   |
| ╶┼╌┟╼┽╌          | ┨╌┼╌┼╌┼╴ | ╶╂╌┼╌╂    | <b>╌┼╌╀</b> ╌┼  |               | ╼╋╌┾╌┼╌┼┈          | ┟╌┼╌┼╌┼╴ |
|                  | 29-      |           | ╕┽╌┠╌┼          | - 27-+        |                    | 25       |
|                  | ╉╌┼╌┼╌┼╴ |           |                 | -+-+          | <b>──╂</b> ─┟─┟─┟─ | ┠╌┞╌┞╌┞  |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 |               |                    |          |
|                  |          |           |                 | - 34          |                    | 36       |
|                  | 32       |           | , 111           | - 54 -        | 35                 | 1 10     |
|                  |          |           |                 |               |                    |          |

PAN AMERICAN PETROLEUM CORPORATION - State "DK" #2 in Unit C of Section 17-11-33. Completed in Upper Pennsylvanian on February 23, 1968. Top of Perforations 9408'.

STOLTZ & COMPANY-CLARK - Frances #1 in Unit C of Section 29-11-33. Com-

Pool boundary colored in red.

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| Proposed | pool | extensions | colored | in | green. | SECTION | 16: | N/2 |  |
|----------|------|------------|---------|----|--------|---------|-----|-----|--|
|          |      |            |         |    |        |         |     |     |  |

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SECTION 17: N/2

SECTION 28: NW/4

SECTION 29: N/2



م

| COUNTY               | Cha     | ves            |          | P00      | L              | Bu   | ff | alo  | Va     | 11         | ey-I        | en          | nsy               | lva          | nia      | in i       | Gas      | ;<br>              |    |
|----------------------|---------|----------------|----------|----------|----------------|------|----|------|--------|------------|-------------|-------------|-------------------|--------------|----------|------------|----------|--------------------|----|
| TOUNGILLP            | 1       | 158            |          | RAN      | GF.            |      |    | 27E  |        |            | NMP         | 1           |                   |              |          |            |          |                    |    |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
| 6                    |         |                |          | <b> </b> | 4              |      |    |      | <br>:: | 3          | ╞╼╴┣╸       | +           | - <del>2-</del> - | ╪┛           | ļ        |            |          |                    |    |
|                      |         | $\overline{+}$ |          | ╏──┤     |                |      |    |      |        |            |             |             | +                 | }            |          |            |          | · · · ·            |    |
|                      |         | ┼─┼            | -+       |          |                |      |    |      | _      |            |             | +           | +                 | +            |          |            |          |                    |    |
| ╏╌┽╌┾╌┾              |         | ╀╌╂╴           |          | ┢─┼      |                |      |    | ┠─┤  |        | ·          |             | +           | +                 | +            |          |            |          |                    |    |
| 7-+-7-+              |         | - 8            | -+       | ╏─┤      | - 9            |      |    |      | - 1    | ) –        |             |             | 11-               |              |          | -1         | 2-       |                    |    |
|                      |         | ┞──╀           |          |          |                |      |    |      |        |            |             |             | +-                |              |          |            |          |                    |    |
|                      |         |                | -        |          |                |      |    |      |        | -          |             | +           | +-                | 1            | <b>†</b> |            |          |                    |    |
|                      |         |                |          |          | 1              |      |    |      |        | _          |             |             |                   |              |          |            |          |                    |    |
|                      |         | +-17           |          |          | -1             | 0    |    |      | 1      | ך כ<br>    |             | T           | 14 -              |              |          |            | 3        |                    |    |
|                      |         | $\downarrow$   | _        |          |                |      |    |      |        |            |             |             |                   | Ļ            | <u> </u> |            |          |                    |    |
|                      |         | ↓              |          |          |                |      |    |      |        |            |             | +           | 4                 | $\downarrow$ |          | <b> </b>   |          |                    |    |
| 19 -                 |         | - 20           |          |          | - 2            | 1-   |    |      | - 2    | 2 –        |             | +           | 23-               |              |          | - 2        | 4 —      |                    |    |
|                      |         | +-+            |          | ┨──┤     |                |      |    |      |        |            |             |             | +                 | +            |          |            |          |                    |    |
|                      |         | +-+            |          | ┠─┤      |                |      |    |      |        |            |             | +           | +-                | +            | ┨──      | -          |          |                    |    |
| -++-+                |         | ╁╌┼╴           |          | ┨──┤     |                |      |    |      |        |            |             | +-          |                   | +            | ┝        |            |          |                    |    |
|                      |         | - 29           | +        | +        | - 2            | 8 –  |    |      | - 2    | 7 -        |             | +           | 26 -              | +            |          | - 2        | 5 –<br>' | 1                  |    |
|                      |         | ┼─┼            |          | ┨──┤     |                |      |    |      |        |            |             | +           | -{                |              |          |            |          | $\left  - \right $ |    |
|                      | -†-     | +              |          | ╏──┤     |                |      |    |      |        |            |             | +           | +                 | +            | F        | i          |          |                    |    |
|                      |         |                |          |          |                | •    |    |      |        |            |             | 1           | 1                 |              |          |            |          |                    |    |
| 31                   |         | - 32           | -        |          | د –<br>ا       | 3 –  |    |      | - 3    | 4 —        |             |             | 35 -              |              |          | <b>د</b> – | 6 –<br>L |                    |    |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
| Furpose              | As      | sta            | nted     | on       | ра             | ige  | or | ne o | of_    | th         | <u>is e</u> | <u>xh</u> : | ibit              | t            |          |            |          |                    |    |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
| Southwes             |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
| No. 1 in<br>January  |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            | syl      | van                | ia |
|                      |         |                |          |          |                | · P  |    |      |        |            |             |             |                   |              |          | •          |          |                    |    |
| Charles              |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    | or |
| 2-15-27              |         |                |          |          |                |      |    | .vai | nia    | n 1        | Marc        | n           |                   | 1968         | 5.       | thr        | cou      | $\frac{gn}{d}$ .   |    |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
| Pool bou<br>Proposed |         | _              |          |          |                |      |    |      | ree    |            |             |             |                   |              |          | <b></b>    |          |                    |    |
|                      |         |                |          | Sec      |                |      |    | -    |        |            |             |             |                   |              |          |            |          |                    |    |
|                      |         |                |          | Sec      | <del>:ti</del> | .011 | 2: | S/   | 12-    | . <u> </u> |             |             | ·                 |              |          |            |          |                    |    |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |
|                      | <u></u> |                | <u> </u> |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    | •  |
|                      |         |                |          |          |                |      |    |      |        |            |             |             |                   |              |          |            |          |                    |    |

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CASE 3759: (j) EXTENSION OF AN EXISTING GAS POOL (Continued)

| COUNTY     | CHAVES             | POOL             | CATO         | <u>-SAN ANDF</u> | <u>RES</u>          |                    |       | •            |
|------------|--------------------|------------------|--------------|------------------|---------------------|--------------------|-------|--------------|
| TOWNSHIP   | 9 South            | RANGE            | 30           | East             | NMPM                |                    |       |              |
|            |                    |                  |              |                  |                     |                    |       |              |
|            |                    |                  |              |                  | i i i               | 1 ]                |       |              |
| -+-6+-     |                    |                  | <b>*</b>     | 3                | ┼╾╂╶┼╴              | - 2                |       | -1           |
|            | ╾╉╾╌┾╌╌╋╌╌┾        |                  |              | ╏──┝──┾──        | ┼╌┠╌┼╴              |                    |       |              |
| ╾┽╾┼╴┼╴    | ╌╂╌┼╌╄╍┪           |                  | ┝╼╍┼╍╍╸      | ┠╌┼╌┾╼           | ┼╌╂╌┼               | -+-+-              | ╶╁╌┼╴ | ┽╴┾╌╸        |
| ╍┽╍┽╴┼╴    | ╺╉╸┼╌┼╶┤           |                  |              | ┠╌┼╌┼╌           | ┥╾╂╌╀               | _ <del></del>      |       | ╶┼╌┠╌╸       |
|            |                    |                  | ) (          |                  | <b>┿╌╌</b> ╉╴╴┤╸    | $\dot{\mathbf{n}}$ |       | 12           |
| ╺╌┼─┼┼     |                    |                  | ┝╌┼╌╸        |                  | ┼╌┠╌┼               |                    |       | +            |
|            |                    |                  | <u> </u>     |                  |                     |                    |       | $\downarrow$ |
|            |                    |                  |              |                  |                     | _                  |       | _            |
|            |                    |                  | 6            |                  |                     | 14                 |       | 13           |
| 10         |                    |                  |              |                  |                     |                    |       |              |
|            |                    |                  |              |                  |                     |                    |       |              |
|            |                    |                  |              |                  |                     |                    |       |              |
|            |                    |                  |              |                  | <u>+</u> ++         |                    |       | + + -        |
| -+-19+     |                    |                  | 1            |                  | ┼╌╂╌┼               | 23-                |       | 24 +         |
| -+-+-+     | ╂╍┼╶┼╌┤            | ╾╂╾┼╌┤           |              | ╏╶╸┤╼╌┼╼╌        | ┼╴┨╶┼               |                    | +++   | +            |
| ╾╆╾╉╾╂     | ╺╋╍┾╍┼╌┤           | ╼╂╌┼╌┥           |              | ┠╌┼╌┼╌           | ┼╾╂╼┽               |                    | ╶╂╾┽╴ | ╶┼╾┼╼╍       |
| ╾╂╾╂╼╁╸    | ╶╉╼┼╾┼╴┤           | ╾╂╌┼╌┤           |              | ┠╌┼╌┾╌╴          | ┼╌╂╌┼               |                    | ╶╉╌┼╴ |              |
|            | 29                 |                  | 8            | 27 -             | ┊╴╂╶┼               | 26                 |       | 25           |
| -+-+-+-    |                    | ╾╋╌┼╌╢           |              |                  | ┼╌┠╌┼               |                    | ╶╉╌┼╴ | +-+          |
| ╾┼╌┼╌      | ╺╋╌┼╼┾╼┤           | ╼╊╾┼╶┥           |              |                  | <mark>┊╶╞╶</mark> ┼ | ╶┼╾┼╴              | ╺╋┈┼╌ | +            |
| -+-+-+     |                    |                  |              |                  | ┝╌┠╌╎               | $\rightarrow$      |       |              |
|            |                    |                  | 3            |                  | ┝╌╋╌┽               | - 35               |       | 36           |
|            |                    |                  |              |                  |                     |                    |       | + +          |
|            |                    |                  |              |                  |                     |                    |       |              |
| PURPOSE:   | Two complet        |                  |              |                  |                     |                    |       |              |
|            | COMPANY - C        |                  |              | -                | -                   | -                  |       |              |
|            | San Andres         |                  |              |                  |                     |                    |       |              |
|            | <u>company - c</u> |                  |              |                  | -                   |                    |       |              |
|            |                    |                  |              |                  |                     |                    | -     |              |
|            | on March 1         | •                | •            |                  |                     |                    |       |              |
|            | SHELL OIL C        |                  | -            |                  |                     |                    |       |              |
|            | <u>3-9-30. Co</u>  |                  |              |                  | -                   |                    |       | -            |
|            | Perforation        |                  |              |                  |                     |                    |       |              |
|            | ary colored        |                  |              |                  |                     |                    |       |              |
| Proposed p | <u>ool extensi</u> | <u>ons color</u> | <u>ed in</u> | green.           | SECTION_            | <u>5; E</u>        | /2    |              |
|            |                    |                  | ADDIT        | rion             | SECTION             | 3: NW              | /4    |              |

CASE 3759: (k) EXTENSION OF AN EXISTING OIL POOL (Continued on next page) COUNTY CHAVES POOL CATO-SAN ANDRES



CASE 3759: (k) EXTENSION OF AN EXISTING OIL POOL (Continued)

#### CASE 3759: (1) EXTENSION OF AN EXISTING OIL POOL

| TOWNSHIP 7 | South         | RANGE 32 Eas       | st NMI       | M        |             |
|------------|---------------|--------------------|--------------|----------|-------------|
|            |               |                    |              |          |             |
|            |               |                    |              |          |             |
| 6          |               | 4                  | 3            | 2        |             |
|            |               |                    |              |          |             |
|            |               |                    |              |          |             |
|            |               |                    |              |          |             |
|            | 8             |                    |              |          |             |
|            |               |                    |              |          |             |
| ╶┽╾┽╾┽╌┥   |               |                    |              |          |             |
|            |               |                    | ╺┥╌╴┦╼╌┦     |          |             |
|            | 17            |                    |              |          | 13-         |
| ╺╉╾┞╌┼╶┥   |               |                    |              |          |             |
|            |               | <del>╶╶┝╶┝╶┣</del> | ╺╉╼┼╾┼╸╉     |          | ┝╍┾╍┼╍┾╸    |
| -+++       | ·             |                    |              |          | ┟╌╄╌┼╌┼     |
|            | 20            | 21                 | 22           | 23       |             |
|            |               |                    |              |          | ┝╼┼╌╂╼┾╴    |
| -++        |               |                    |              |          | ┠╾┼╾╄╌┾╸    |
|            |               |                    |              |          | ┟──┼──┼─    |
|            | 29            | 28                 |              |          |             |
|            |               |                    |              |          | ┟╌┼╌╂╌┼╴    |
|            | ┝╍┼╍┽╍┽       |                    |              | ┈┼╌┼╼┾╾╕ | ┢╌┼╌╞═╤╪╸   |
|            |               |                    |              |          | ┠─┼─┼─┼     |
|            |               | 33                 | 34           |          |             |
|            |               |                    |              |          | ┠──┼──┼──┼╴ |
|            |               |                    |              |          |             |
| IRPOSE TW  | o completed o | oil wells cap      | able of prod | lucing.  |             |

ed in San Andres on March 16, 1968. Top of Perforations 4146',

TAYLOR PRUITT - Atlantic Tucker #4 in Unit J of Section 23-7-32. Completed

in San Andres on April 5, 1968. Top of Perforations 4146' Pool boundary colored in red. \_\_\_\_\_

Proposed pool extension colored in green. SECTION 23: SE/4 

\_\_\_\_ 

| TOWNSHIP   | 18    | South    | RA           | NGE        | . 3          | 4 E           | last       | •          |           | NMI  | M          |     |          |          |          |            |          |            |
|------------|-------|----------|--------------|------------|--------------|---------------|------------|------------|-----------|--|------------|-----|----------|----------|----------|------------|----------|------------|
|            |       |          | í            |            |              |               | Π          |            |           |  |            |     |          |          | Γ        |            |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          | 1        | 1        | 1          | 1        | T          |
| 6          |       | - 5      |              | 4          | 1            |               |            | 3          | -         |  |            |     | 2-       | ţ        | ŧ -      | <u> </u>   | 1        | †          |
|            |       |          |              | +          | ┝──┼╸        |               |            |            |           |  |            |     | <u> </u> |          | ŧ        | <u> </u> . | ÷        |            |
| ╍┿╍┿╍┾╸    |       |          |              | +          |              | -+            |            | +          |           |  |            |     |          | <b> </b> | _        |            | <b> </b> | ┢          |
|            |       |          |              |            |              | _             |            | _          |           |  |            |     |          | L        | <b> </b> | <b> </b>   | I        |            |
| 7          |       | - 8 -+-  |              |            | <b>)</b>     |               |            | 1          |           |  |            | . 7 | {<br>,   |          |          | _,         |          |            |
| Í          |       | Ĭ        | ļ            |            |              |               |            | 10         | -         |  |            | - 1 | 1<br>    |          |          | +-1        | 2        |            |
|            |       |          |              |            |              | T             |            | T          |           |  |            |     |          |          |          |            |          |            |
|            |       |          | -            |            |              | -†            |            | -+         |           | -  |            |     | f        | 1        | 1        | †          | 1        | $\uparrow$ |
| ┈┼╌┽╌┼╴    |       |          |              | +i         |              | -+            |            |            |           |  |            |     |          | <u> </u> | ł        | <u> </u>   |          | <b>†</b>   |
| - 18       |       | -17-+-   |              | +-1        | 6            | $\rightarrow$ |            | - 15       |           | -+   |            | - 1 | 4 -      |          |          | -1         | 3        | -          |
| ╺╼╪╼╌┦╼╌┦╴ |       |          |              | <b>_</b>   |              | -             |            |            |           |  |            |     | ļ        | <b> </b> | <b> </b> | ļ          | ļ        | <b> </b>   |
|            |       |          |              | <u> </u>   |              | $\downarrow$  |            |            |           |  |            |     | Ì        | ļ        |          |            | <br>     |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       | -20-+    |              |            |              |               |            |            |           |  |            | _   |          |          |          |            |          | Ī          |
|            |       | - 20     |              | - 2        | 1            |               |            | -22        |           |  |            | - 2 | 3        |          |          | + 2        | 4        | 1-         |
|            |       |          |              | 1          |              | T             | -+         | -+         |           |  |            |     |          | <u> </u> |          |            |          | ┨─         |
| ╺┼╌╀╌┼╴    | ╉╾┥   |          |              | +          |              | -             |            | +          |           |  |            |     |          |          | ╂        | ╄          |          | ┢          |
|            |       |          |              |            |              | +             |            | -+         |           |  |            |     | ļ        | <u>}</u> | <u> </u> | <b> </b>   |          | ┝          |
|            | _     | - 29-+   |              | +2         | 8            | _             |            | - 27       | <br>      |  |            | - 2 | 6        | <b> </b> |          | - 2        | ,<br>5   | _          |
|            |       |          |              |            |              | 1             |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              | Ţ             |            |            |           | T  |            |     |          |          |          |            |          | Γ          |
|            |       |          |              |            |              | T             |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       | - 32     |              | -3         | 3+           | +             | -+         | - 34       | -         |  |            |     | 5 ~<br>I | <u> </u> |          | + 3        | 6-       | 1-         |
| ╶┼╴┼╌┼╴    | ╉╌┤   |          | -{           | +          |              | -             | -+         | -+         |           |  |            |     |          |          | <u> </u> |            |          | ┝          |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          | <u> </u> |            |          |            |
| IRPOSE: 0  | ne co | omplete  | <u>d oil</u> | we]        | <u>ll ca</u> | <u>ipā</u>    | <u>b1e</u> | <u> 10</u> | <u>ţì</u> | <u>rodu</u>                                  | cir        | 19. |          |          |          |            |          |            |
| RITON OIL  | & GAS | G CORPO  | RATIO        | <u>N -</u> | Cont         | in            | ent        | al         | Sta       | ite  | #1         | in  | Un       | it       | Go       | fS         | ect      | io         |
| 2-18-34.   | Compl | Leted in | n Oue        | en a       | ind E        | en:           | ros        | e o        | n .       | lanu   | ary        | 2   | 7.       | 196      | 8.       | To         | 0 0      | f          |
| erforation |       |          |              |            |              |               |            |            |           |  | -          |     |          |          |          |            | •        |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
| ol bounda  | •     |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
| oposed po  | or ex | (tension | n co1        | orec       | <u>1 1 n</u> | gr            | een        | •          | SEL       | :110   | <u>N 2</u> | 22: | <u>N</u> | E/4      |          |            |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              |               |            | ~~~~~      |           | ~ <b>_</b> ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | ·          |     |          |          |          | ·          |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            | -   |          |          |          |            | -        |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              |               |            |            |           |  |            |     |          |          |          |            |          |            |
|            |       |          |              |            |              |               |            | ····-      |           | <u></u>                                      |            |     |          |          |          |            |          |            |

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### CASE 3759: (m) EXTENSION OF AN EXISTING OIL POOL

| TOWNSHIP        | 10 South                | RANGE       | <u>33 E</u>    | ist            | NET PI         |                   |                 |               |            |         |
|-----------------|-------------------------|-------------|----------------|----------------|----------------|-------------------|-----------------|---------------|------------|---------|
|                 |                         |             |                |                |                |                   |                 |               |            |         |
|                 |                         |             |                |                |                | 2-                |                 |               |            |         |
| 6               | 5                       | 4           |                |                |                |                   |                 |               |            |         |
|                 |                         |             |                |                |                |                   |                 |               |            |         |
|                 |                         |             |                |                |                |                   |                 | T             |            |         |
|                 |                         |             |                |                |                |                   |                 |               | ŢŢŢ        |         |
|                 |                         | 9           |                | + 10 ·         |                | +-11-<br>         |                 | -+-1          | 2          |         |
|                 |                         |             |                |                |                |                   |                 |               |            |         |
|                 |                         |             |                |                | † <b>†</b>     | <b>₽</b> ₽        |                 | +             |            |         |
|                 |                         |             |                |                |                |                   |                 |               |            |         |
|                 |                         |             |                | - 15 -         |                | 14-               |                 |               | 3-1        |         |
|                 |                         |             |                |                |                | • • • • • •       |                 |               |            |         |
| ╾╋╾┼─┼╴         |                         |             |                |                | + <b>-</b>     | <u>+</u> +        | <del> </del>  - | +             |            |         |
| ╌╂╌╂╌┠╴         |                         |             |                |                | ++             | <u>†</u> <u>†</u> | ╀┈╂╴            | +             | ╉╼┼╼┫      |         |
|                 |                         |             | ╶┼╌╂╴          | -+ 22 -        | <u>├</u> ┣     | + 23-             | ╀╌╂╴            | + 2           |            |         |
| ╶┾╍┾╌┾╴         |                         |             | ┼╂             | ++-            |                | <u>+</u> +        | ┼╌╂╴            | +             |            |         |
| ╾╋╼╋╌╁╸         | ╉┼╾┼╴┼                  |             | +-+            |                | ┼╌╋─╴          | +                 | ┼╌╊╸            |               |            |         |
| ╶┽╴╁╶┼╴         |                         |             | ╶┼╼╌╋╺         |                |                | <u> </u>          | +               |               |            |         |
|                 |                         |             | ╶┼╌╉           | 27             | ┼╌┠╌╸          | - 26 -            | ┼╌╉╌            | -+ 2          | 5          |         |
|                 | ┫┥┥┥                    |             | ╌┨╴┨           | + +            | ┽╌┨╌╸          | ┟┈┟─              | ┼╌╉╴            |               | <b>├┼┨</b> |         |
| ╍╆╾╆╾╇          | ╉┯┿╤┿                   | ╾╂╌┼╌╆╸     | ┿╍╋╴           |                |                | ┼╌┼──             | ┼╌┠╴            |               | ┟──┼━─┨    |         |
|                 |                         |             | ╺┼╾╁╴          |                | ┼╌╂┈           | ┼┼                | ┼╴╂╴            |               | <b>├</b>   |         |
|                 |                         |             |                |                | +              | - 35-             | ┿╌╉╌            | <del></del> 3 | 6          |         |
|                 | ╶╉╌┼╌┼                  | ╶╌╂╌╌┼╾╌┾╴  | ╌┼╌┠╴          | +              | ┼╌╂─           | ┼╌┟               | ┼╌╂╌            |               | ┟──┼──┨    |         |
|                 |                         |             |                |                |                |                   |                 |               |            |         |
| JRPOSE: T       | <u>hree comple</u>      | ted oil we  | <u>ells ca</u> | <u>pable (</u> | of prod        | ucing.            | ·               |               |            |         |
| NION OIL C      | OMPANY OF C             | ALIFORNIA   | - Stat         | <u>e 13 #</u>  | <u>in Un</u>   | <u>it E</u> (     | of Sec          | tion          | 13-10-     |         |
| 3. Comple       | ted in Perm             | o Pennsylv  | <u>vanian</u>  | on Mare        | <u>h 7, 1</u>  | 968.              | Top o           | <u>f Pe</u>   | rfora-     |         |
| ions 9713'      | <u> </u>                |             |                |                |                |                   |                 |               |            |         |
| HE LOUISIA      | NA LAND & E             | XPLORATION  | <u>COMP</u>    | NY - S         | ate <u>#</u> 6 | <u>in Ur</u>      | <u>nit B</u>    | of S          | ection     |         |
| <u>4-10-33.</u> | Completed i             | n Permo Po  | nnsylv         | anian_         | on Marc        | h 7, ]            | 968             | _Top          | of         |         |
| erforation      | is 9846'.               |             |                |                |                |                   |                 |               |            |         |
|                 | NA LAND & E             |             |                |                |                |                   |                 |               |            |         |
|                 | Completed i             |             |                |                |                |                   |                 |               |            |         |
|                 |                         |             | -              | -              |                | -                 |                 |               |            |         |
|                 | ICGRATH & SM            |             |                |                |                |                   |                 |               |            |         |
|                 | ompleted in             |             |                |                |                |                   |                 |               |            |         |
|                 | erforations             |             | -              |                | -              |                   |                 | -             |            |         |
| ol bounda       | ry colo                 | in red.     |                |                |                |                   |                 |               |            |         |
| onosed no       | ry colo<br>ol extension | ne polovod  | in or          |                | DOMTON         | 10                | 358 2 / 1       |               | ADDL TLUNS | )~<br>) |
| opeced per      | off outcomore           | iis cororeo | - un gr        | een, E         | ECTION         | 13:               | NW/4            |               | SECTION 3  | \$5:    |

## CASE 3759: (n) EXTENSION OF AN EXISTING OIL POOL (Continued on next page) COUNTY LEA POOL INBE PERMO-PENNSYLVANIAN

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35: SE/4 36: SW/4

## CASE 3759: (n) EXTENSION OF AN EXISTING OIL POOL (Continued)

| TOWNSHIP                                | 10 South       | RANGE 34 E     | ast NM                                 | IFM                |            |
|---|----------------|----------------|--|--------------------|------------|
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
| 6 -+                                    |                | 4              | 3                                      | 2.                 |            |
|   |                |                |  |                    | <b>*</b> * |
|   |                |                |  |                    |            |
| ╏──╀──┼                                 |                |                |  |                    | ╊╌╀╼┼╶┤    |
| 7-+-7-+                                 |                | 9              | 10                                     | - 11               |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   | 20             | 21             | 22                                     |                    |            |
|   |                |                | 22                                     | 23                 | 24-        |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
|   | 29             | 28             |  | 26                 | 25         |
|   |                |                | 21                                     |                    | 25         |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
| 31                                      | 32             | 33             | 34                                     |                    |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
| PURPOSE:                                | As stated on j | preceding page | e, paragraph                           | <u>(n), Exhibi</u> | t ī        |
| ADDITION(                               | CHAMPLIN PETRO | OLEUM COMPANY  | - State "18'                           | ' #l in Unit       | K of Sect  |
|   |                | npleted in Per | -                                      |                    |            |
|   |                | ations 9878'.  |  |                    |            |
|   |                | n red,         |  |                    |            |
| Proposed po                             | ool extension  | colored in gr  | een. SECTIC                            | <u>)N 18: SW/4</u> |            |
|   |                |                |  |                    |            |
|   |                |                |  |                    |            |
| ••••••••••••••••••••••••••••••••••••••• |                | ······         | ······································ |                    |            |
|   | <u> </u>       |                |  |                    |            |
|   |                |                |  |                    | - <u></u>  |
|   | <u></u>        |                |  |                    |            |
|   |                |                |  |                    |            |

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## CASE 3759: (o) EXTENSION OF AN EXISTING OIL POOL

| COUNTY LEA  | POOL LITTM                                    | AN-SAN ANDR               | KES                          |             |
|---|---|---------------------------|------------------------------|-------------|
| TOWNSHIP 21 South   | RANGE 38                                      | East N                    | IMI M                        |             |
| 65  | 4   | 3                         | 2-                           |             |
| 7 8   |   | 10                        |                              |             |
|   |   |                           |                              |             |
|   |   |                           |                              |             |
|   | 21 <u></u> 21                                 | 22                        | 23                           | 24          |
| 30 29   | 28  | 27                        | 26                           | 25          |
|   | 33  | 34                        |                              | 36          |
| PURPOSE: One completed<br>ATLANTIC RICHFIELD COMP/<br>21-21-38. Completed in<br>4332'.<br>Pool boundary colored in<br>Proposed pool extension | <u>NY - East Eu</u><br>San Andres o<br>n red. | nice Federa<br>n March 7, | 1 #1 in Unit<br>1968. Top of | Perforation |
|   |   |                           |                              |             |

| ALAR 0850  |     |              | _    |          |          |
|------------|-----|--------------|------|----------|----------|
| CASE 3759: | (p) | EXTENSION OF | - AN | EXISTING | OIL POOL |

| COUNTY   | LEA      | POOL EAST     | MASON-DELAW | ARE |     |
|----------|----------|---------------|-------------|-----|-----|
| TOWNSHIP | 26 South | RANGE 32 East | st NM       | PM  | ·   |
|          |          |               |             |     |     |
| 6        |          | 4             | 3           | 2.  |     |
|          |          |               |             |     |     |
|          |          |               |             |     |     |
|          |          | 9             |             |     |     |
|          |          |               |             |     |     |
|          | 17       |               |             | 14  |     |
|          |          |               |             |     |     |
| -+       |          |               |             |     |     |
|          | <u></u>  | -21           | - 22        |     | 24- |
|          |          |               |             |     |     |
|          |          |               |             |     |     |
|          | 29       | 28            | 27          | 26  |     |
|          |          |               |             |     |     |
|          |          |               |             |     |     |
|          |          | State<br>33   | 4 ne        |     |     |
|          |          |               |             |     |     |

WILLIAM F. GRAUTEN - Russell Federal #6 in Unit K of Section 20-26-32. Completed in Delaware on February 11, 1968. Depth to Casing Shoe 4372'. Pool boundary colored in red.

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Proposed pool extension colored in green. SECTION 20: SW/4

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CASE 3759: (q) EXTENSION OF AN EXISTING OIL POOL

| PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perform<br>Pool boundary colored in red.   |          |
|--|----------|
| PURPOSE: Two completed oil wells capable of producing.<br>PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL company colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2 |          |
| PURPOSE: Two completed oil wells capable of producing.<br>PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL company colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2 |          |
| PURPOSE: Two completed oil wells capable of producing.<br>PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11<br>Completed in Bone Springs on March 28, 1968. Top of Perforations 10<br>PENNZOIL company colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2 |          |
| 18 .17 .16 .15 .14   19 .20 .21 .22 .23   30 .29 .28 .27 .26   30 .29 .28 .27 .26   31 .32 .33 .34 .35   9 .28 .27 .26   19 .31 .32 .33 .34   31 .32 .33 .34 .35   10 .31 .32 .33 .34 .35   10 .19 .31 .32 .33 .34 .35   10 .19 .31 .32 .33 .34 .35   10 .19 .31 .32 .33 .34 .35   .10 .19 .31 .32 .33 .34 .35   .11 .10 .11 .19 .35 .35   .11 .11 .11 .11 .11 .21   .11 .11 .11 .11 .21 .21   |          |
| 18 .17 16 15 14   19 .20 .21 .22 .23   30 .29 .28 .27 .26   30 .29 .28 .27 .26   31 .32 .33 .34 .35   9 .28 .27 .26   19 .29 .28 .27 .26   10 .11 .15 .14 .15   9 .29 .28 .27 .26   10 .15 .14 .15 .14   9 .29 .28 .27 .26   10 .16 .15 .14 .15   110 .29 .28 .27 .26   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .16 .17 .19 .34 .35   .17 .16 .19 .26 .19  |          |
| 18 .17 16 15 14   19 .20 .21 .22 .23   30 .29 .28 .27 .26   30 .29 .28 .27 .26   31 .32 .33 .34 .35   9 .28 .27 .26   19 .29 .28 .27 .26   10 .11 .15 .14 .15   9 .29 .28 .27 .26   10 .15 .14 .15 .14   9 .29 .28 .27 .26   10 .16 .15 .14 .15   110 .29 .28 .27 .26   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .16 .17 .19 .34 .35   .17 .16 .19 .26 .19  |          |
| 18 .17 16 15 14   19 .20 .21 .22 .23   30 .29 .28 .27 .26   30 .29 .28 .27 .26   31 .32 .33 .34 .35   9 .28 .27 .26   19 .29 .28 .27 .26   10 .11 .15 .14 .15   9 .29 .28 .27 .26   10 .15 .14 .15 .14   9 .29 .28 .27 .26   10 .16 .15 .14 .15   110 .29 .28 .27 .26   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .31 .32 .33 .34 .35   .16 .17 .19 .34 .35   .17 .16 .19 .26 .19  |          |
| 13 20 21 22 23   13 20 21 22 23   30 29 28 27 26   31 32 33 34 35   31 32 33 34 35   9 28 27 26   1 1 1 1 1   9 28 33 34 35   31 32 33 34 35   1 1 1 1 1   PURPOSE: Two completed oil wells capable of producing. PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UFC "11" #1 in Unit I of Section 11   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   Peol boundary colored in red. Proposed pool extensions colored in green. SECTION 1: S/2   |          |
| 13 20 21 22 23   13 20 21 22 23   30 29 28 27 26   31 32 33 34 35   31 32 33 34 35   9 28 27 26   1 1 1 1 1   9 28 33 34 35   31 32 33 34 35   1 1 1 1 1   PURPOSE: Two completed oil wells capable of producing. PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UFC "11" #1 in Unit I of Section 11   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   Peol boundary colored in red. Proposed pool extensions colored in green. SECTION 1: S/2   |          |
| 13 20 21 22 23   13 20 21 22 23   30 29 28 27 26   31 32 33 34 35   31 32 33 34 35   9 28 27 26   1 1 1 1 1   9 28 33 34 35   31 32 33 34 35   1 1 1 1 1   PURPOSE: Two completed oil wells capable of producing. PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UFC "11" #1 in Unit I of Section 11   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   Peol boundary colored in red. Proposed pool extensions colored in green. SECTION 1: S/2   |          |
| 30 29 28 27 26   31 32 33 34 35   9 31 32 33 34 35   9 9 9 9 9 28 27 26   9 9 28 27 26 26 27 26   9 31 32 33 34 35 35 35   9   |          |
| 30 29 28 27 26   31 32 33 34 35   9 31 32 33 34 35   9 9 9 9 9 28 27 26   9 9 28 27 26 26 27 26   9 31 32 33 34 35 35 35   9   |          |
| 30 29 28 27 26   31 32 33 34 35   31 32 33 34 35   PURPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   Pennzoil boundary colored in red.   Proposed pool extensions colored in green. SECTION 1: S/2  | ╺-┼╌┼╌┥  |
| 30 29 28 27 26   31 32 33 34 35   31 32 33 34 35   PURPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   Pennzoil boundary colored in red.   Proposed pool extensions colored in green. SECTION 1: S/2  |          |
| 31 32 33 34 35   9URPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968.   Top of Perforations 10.   Proposed pool extensions colored in green.   SECTION 1: S/2   |          |
| 31 32 33 34 35   9URPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968.   Top of Perforations 10.   Proposed pool extensions colored in green.   SECTION 1: S/2   | ╺-┼╌┼╌┥  |
| 31 32 33 34 35   9URPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968.   Top of Perforations 10.   Proposed pool extensions colored in green.   SECTION 1: S/2   | ╾┼╌┼╌┼╌╸ |
| 31 32 33 34 35   9URPOSE: Two completed oil wells capable of producing.   PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.   in Bone Springs on February 8, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968. Top of Perforations 10   PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.   Completed in Bone Springs on March 28, 1968.   Top of Perforations 10.   Proposed pool extensions colored in green.   SECTION 1: \$/2  | ╶┾╴┾╌┽┈  |
| PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.<br>Completed in Bone Springs on March 28, 1968. Top of Perfora<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   |          |
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| PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.<br>Completed in Bone Springs on March 28, 1968. Top of Perfora<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   | ╾┼╴┾╴┽╍╸ |
| PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.<br>Completed in Bone Springs on March 28, 1968. Top of Perfora<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   | ╶┼╌┼╌┼╌╸ |
| PURPOSE: Two completed oil wells capable of producing.<br>PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11-<br>Completed in Bone Springs on March 28, 1968. Top of Perfora<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   |          |
| PENNZOIL COMPANY - Dalmont #1 in Unit M of Section 1-19-34.<br>in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11-<br>Completed in Bone Springs on March 28, 1968. Top of Perform<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   | -+-+     |
| in Bone Springs on February 8, 1968. Top of Perforations 10<br>PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.<br>Completed in Bone Springs on March 28, 1968. Top of Perform<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2  |          |
| PENNZOIL COMPANY - State UPC "11" #1 in Unit I of Section 11.<br>Completed in Bone Springs on March 28, 1968. Top of Perform<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   | -        |
| Completed in Bone Springs on March 28, 1968. Top of Perform<br>Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2  |          |
| Pool boundary colored in red.<br>Proposed pool extensions colored in green. SECTION 1: S/2   |          |
| Proposed pool extensions colored in green. SECTION 1: S/2  |          |
|  |          |
|  |          |
| SECTION 12: All  |          |
|  |          |
|  |          |
|  |          |
|  |          |

### CASE 3759: (r) EXTENSION OF AN EXISTING OIL POOL

#### COUNTY LEA POOL SIMANOLA-PENNSYLVANIAN TOWNSHIP 10 South RANGE NMFM 34 East 2. 1 5 4 3 6 8 9 -10 -7 -11-12 15 -- 18 -16 14 -13-- 1 -19 22-23-24-28 -26 -25 --30 29. - 27 -Т - 34 -- 35 -36 -- 31-32 -- 33 PURPOSE: One completed oil well capable of producing. R. R. MORRISON - Atlantic "A" State #1 in Unit A of Section 17-10-34. Completed in Pennsylvanian on February 27, 1968. Top of Perforations 9941'. ADDITION--BTA OIL PRODUCERS - Somico 682 Ltd, #1 in Unit C of Section

20-10-34. Completed in Bough C on March 24, 1968. Top of Perforations 9947',

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 17: NE/4 ADDITION-----SECTION 20: NW/4

## CASE 3759: (s) EXTENSION OF AN EXISTING OIL POOL

| COUNTY    | LEA                                   | POOL NORT     | H VACUUM-A | BO             |   |
|-----------|---------------------------------------|---------------|------------|----------------|---|
| TOWNSHI   | 17 South                              | RANGE 34 E    | ast:       | NMFM           |   |
|           |                                       |               |            |                |   |
|           | <u> </u>                              |               |            |                | 1   |
| <b></b>   |                                       |               | ·          |                |   |
| ┣╍┼╍┼╴    |                                       |               | ╉╌╁╌┽╼┥    |                |   |
| <b>}</b>  |                                       |               | <b>}</b>   |                |   |
| 7         | 8                                     | 9             | 10         |                |   |
|           |                                       |               |            |                |   |
|           |                                       |               |            |                |   |
|           | 17                                    |               | 15 -       | 14 -           |   |
| ┝╍╪╱┼┈    |                                       |               | <b></b>    |                |   |
|           |                                       |               |            |                | ╾┫╷╎╴┞╍┾╍┫                                  |
|           | <u>}</u>                              |               |            |                |   |
|           | 20                                    | 21            | 22-        |                |   |
|           |                                       |               |            |                |   |
|           |                                       |               |            |                |   |
| 30 -      | 29-                                   |               | 27-        | 26             |   |
|           |                                       |               | <b>J</b>   |                |   |
| <b>  </b> |                                       |               | <b></b>    |                |   |
| ┠╌┾╌┼╌    | + + + + + + + + + + + + + + + + + + + |               | ╁╴┼╌┼      |                |   |
|           | 32                                    | 33            |            |                | 36  |
|           |                                       |               |            |                |   |
| PURPOSE:  | <u>One complet</u>                    | ed oil well c | apable of  | producing.     |   |
| TEXACO,   | INC New Me                            | xico W State  | NCT-1 #3 i | n Unit J of S  | Section <u>13-17-34</u> .                   |
| Complete  | d in Abo on F                         | ebruary 25, 1 | 968. Top   | of Perforation | ons 8846'.                                  |
| ADDITION  |                                       |               | -          |                | <u>Unit P of Secti</u> or                   |
|           |                                       | *             |            | ,              | Top of Perfora-                             |
|           | tions 8495'                           |               |            |                |   |
|           |                                       |               | -          |                | Unit <u>H of Section</u><br>Top of Perfora- |
|           |                                       | •             |            |                | -   |
| Pool bou  | ndary colored                         |               |            |                |   |
| Proposed  | pool extensi                          | ons colored i | n green.   | SECTION 13:    | SE/4  |
|           |                                       | AD            | DITION     | SECTION 14:    | <u>E/2</u>                                  |
|           |                                       |               |            | ·              |   |

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CASE 3759: (t) EXTENSION OF AN EXISTING OIL POOL

| 7            | South     |                 | )      |                             | 3     | NM FM        | - 2           |               | - 12          |                    |
|--------------|-----------|-----------------|--------|-----------------------------|-------|--------------|---------------|---------------|---------------|--------------------|
| 7            | 8         |                 | )      |                             |       |              |               |               |               |                    |
| 7            | 8         |                 | )      |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              | - 11          |               | - 12 -        |                    |
|              |           |                 |        |                             |       |              | - 11 -        |               | -12-          |                    |
|              |           |                 |        |                             |       |              | - 11          |               | - 12 -        |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              | 17        | 1               | 6      |                             |       |              |               |               |               |                    |
|              | 17        |                 | 6      |                             |       |              | i 1           |               |               |                    |
|              | 17        |                 | 6      | <b> </b>   - ]              | -i 1  |              |               |               |               |                    |
|              |           |                 |        |                             | 15    |              | 14            |               | -13-          |                    |
|              |           | $\mathbf{A}$    |        |                             | 4     |              |               | ·             |               |                    |
| 19           | ╡┥──      | 5 1 3           |        |                             | +     |              |               | ┈┝╍           |               | ┝╌┥                |
|              |           |                 |        |                             |       | -            |               |               | <u> </u>      | <b>├</b>           |
|              | 20        | 2               | 1      | ╉─┾╴╛                       | 22-   |              | - 23-         |               | - 24 -        | $\left[ - \right]$ |
|              |           |                 |        |                             | ╉╼╌╋┈ |              |               |               |               |                    |
| ┽┽┼┼╋┈       |           |                 |        |                             |       | +            |               |               | <b> </b>      | ┼─┤                |
|              |           |                 |        | ╏─┼─                        | +     |              |               |               |               |                    |
|              | - 29      | 2               | 8      | 1                           | 27    | -            | - 26          |               | - 25 -        | +-1                |
|              | ┟╴╴┠╸╴┝─╸ |                 |        |                             |       |              | ┈╂╶╂          |               |               | +                  |
|              |           |                 |        |                             |       | +-+          |               |               |               |                    |
|              |           |                 | 2      |                             |       |              | 7             |               |               |                    |
|              | - 32      |                 | 3      |                             | 34    |              | - 35          |               | - 36 -        |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
| URPOSE: One  | completed | l oil we        | ell ca | pable                       | of pr | oduci        | ng.           |               |               |                    |
| TEXACO, INC  | New Mexi  | .co "W"         | State  | <u>NÇT-</u> 1               | #3 i  | <u>n Uni</u> | t J of        | Sect          | <u>ion 13</u> | -17-               |
| 4. Completed | in Penns  | <u>ylvani</u> a | an on  | Februa                      | ry 27 | , 196        | 8. <u>T</u> o | <u>p of</u> ] | Perfor        | atio               |
| .0,472'      |           |                 |        | ب العدي المود المار بينيا ب |       |              |               |               |               |                    |
| ool boundary | colored i | n red.          |        |                             |       |              |               |               |               |                    |
| roposed pool | extensior | colore          | ed in  | green.                      | SEC   | TION         | <u>13: S</u>  | E/4           |               |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              |               |               |               | ·····              |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |
|              |           |                 |        |                             |       |              |               |               |               |                    |

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COUNTY LEA POOL VACUUM-NIDDLE PENNSYLVANIAN

#### CASE 3759: (u) EXTENSION OF AN EXISTING OIL POOL

| COUNTY   | LEA          | FOOL VACUU | M-UPPER PENNS | <u>3YLVANIAN</u> |              |
|----------|--------------|------------|---------------|------------------|--------------|
| TOWNSHIP | 17 South     | RANGE 34 E | ast NM        | IM               | <del> </del> |
| 6        |              | 4          | 3             | 2.               |              |
|          |              |            |               |                  |              |
| 7.       | 8            | 9          | 10            | - 11             |              |
|          |              | - 16       |               |                  |              |
|          | 17           |            |               |                  |              |
| 19       | 20           | 21         | 22            | 23               | 24           |
|          | 29           | 28         | 27            | 26               |              |
| 31       | 32           | 33         | 34            | 35               |              |
|          | One complete |            |               |                  |              |

PURPOSE: One completed oil well capable of producing.

MOBIL OIL CORPORATION - Bridges State #124 in Unit P of Section 14-17-34. Completed in Upper Pennsylvanian on March 1, 1968. Top of Perforations 10,129'.

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Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 14: SE/4

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| CASE 3759                             | ): (v) EXT         | ENSION OF AN EX                            |   | OL                      |               |
|---------------------------------------|--------------------|--|---|-------------------------|---------------|
| COUNTY                                | LEA                | POOL WARRE                                 | N-DRINKARD                              |                         |               |
| TOWNSHIL                              | 20 South           | RANGE 38 E                                 | ast NM                                  | :M                      |               |
|                                       |                    |  |   |                         |               |
|                                       | - 5                | 4  | 3                                       | · · · · · 2 · · · · · · |               |
| <b>b</b>                              |                    |  | · · · · · · · · · · · · · · · · · · ·   |                         |               |
|                                       |                    |  |   |                         |               |
| 7                                     |                    | 9  | 10                                      | - 11                    | -12           |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    | - 16                                       |   | 14                      |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
| - 19                                  | 20 -               |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    | 28   | 27                                      | 26                      | 25            |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    | ted oil well cap                           |   |                         | Postion 25 20 |
|                                       |                    | <u>ANY - Warren Uni</u><br>inkard on Janua |   |                         |               |
| 6820'.                                |                    |  |   | -                       |               |
|                                       | dary colore        | d in red.                                  |   |                         |               |
| Proposed                              | <u>pool extens</u> | ion colored in p                           | green. SECTI                            | <u>on 35: ne/4</u>      | 1             |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
|                                       |                    |  |   |                         |               |
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