CASE 5643: SOUTHEASTERN
NOMENCLATURE CASE MARCH, 1976

# CASE NO.

5643

APPlication, Transcripts, Small Exhibits,

ETC.

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#### BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 3, 1976

#### EXAMINER HEARING

IN THE MATTER OF:

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

CASE 5643

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BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

#### APPEARANCES

For the New Mexico Oil Conservation Commission: William F. Carr, Esq. Legal Counsel for the Commission State Land Office Building Santa Fe, New Mexico

INDEX Page CARL ULVOG Direct Examination by Mr. Carr EXHIBIT INDEX sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212 Page OCC Exhibit A, Series of Plats 

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MR. STAMETS: We will call Case 5643 being Southeastern New Mexico nomenclature case calling for an order for
the creation and extension of certain pools in Eddy and Lea
Counties, New Mexico.

MR. CARR: Mr. Examiner, I'm William F. Carr appearing for the Commission and I have one witness to be sworn.

(THEREUPON, the witness was duly sworn.)

#### CARL ULVOG

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

#### DIRECT EXAMINATION

BY MR. CARR:

- Q Will you state your name and position for the record please?
- A. Yes, sir, Carl Ulvog, Senior Geologist for the Oil Conservation Commission here in Santa Fe.
- Mr. Ulvog, are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in Lea and Eddy Counties, New Mexico?
  - A. Yes, sir, I am.
- Q Are your recommendations prepared in the form of an exhibit?
  - A. They are. The exhibit is in the form of a series of

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MR. CARR: I have nothing further. MR. STAMETS: Any questions of the witness? He

may be excused. (THEREUPON, the witness was excused.)

MR. STAMETS: The case will be taken under advisement

# REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

sid morrish reporting service

General Court. Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212 

i do nereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 10 Oil Conservation Commission

sid morrish reporting service

General Court Reporting Service

General Court Reporting Service

825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

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# BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 3, 1976

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IN THE MATTER OF:

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

BEFORE: Richard L. Stamets, Examiner

## TRANSCRIPT OF HEARING

# APPEARANCES

For the New Mexico Oil Conservation Commission:

William F. Carr, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

INDEX Page CARL ULVOG Direct Examination by Mr. Carr Ą. EXHIBIT INDEX Page OCC Exhibit A, Series of Plats 

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#### BY MR. CARR:

- Q. Will you state your name and position for the record, please?
- A. Yes, sir, Carl Ulvog, Senior Geologist for the Oil Conservation Commission here in Santa Fe.
- Mr. Ulvog, are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in Lea and Eddy Counties, New Mexico?
  - A. Yes, sir, I am.
- Q Are your recommendations prepared in the form of an exhibit?
  - A. They are. The exhibit is in the form of a series of

| plats illustrating and describing the actions that are proposed |
|-----------------------------------------------------------------|
| and identified in accordance with the paragraph designations    |
| in the docket.                                                  |
| Q Will you please refer to this exhibit and to the              |
| docket that has been prepared and distributed at this hearing   |
| and point out any substantial differences between the two?      |

we are here proposing.

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

There are no differences between the docket and what

A No, sir.

MR. CARR: Mr. Examiner, at this time I offer Oil Conservation Commission Exhibit A.

MR. STAMETS: The exhibit will be admitted.

(THEREUPON, Oil Conservation Commission Exhibit
A was admitted into evidence.)

MR. CARR: I have nothing further.

MR. STAMETS: Any questions of the witness? He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: The case will be taken under advisement.

sid morrish reporting service
General Court Reporting Service
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I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No 5643

New Mexico Oil Conservation Commission . Examiner

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

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

> CASE NO. 5643 Order No. R-5171

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

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on March 3, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this <u>10th</u> day of March, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Arkansas Junction-San Andres Pool was discovered by the Coquina Oil Corporation State KNN Well No. 1, located in Unit J of Section 20, Township 18 South, Range 36 East, NMPM. It was completed in the San Andres formation on December 15, 1975. The top of the perforations is at 5552 feet.
- (3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Cabin Lake-Atoka Gas Pool. Said Cabin Lake-Atoka Gas Pool was discovered by the Corinne Grace Livingston Ridge Unit Well No. 1Y, located in Unit L of Section 36, Township 21 South, Range 30 East, NMPM. It was completed in the Atoka formation on December 20, 1975. The top of the perforations is at 12,826 feet.
- (4) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Gray burg and San Andres formations, said pool to bear the designation of Cemetary-Grayburg San Andres Pool. Said Cemetary-Grayburg San

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Andres Pool was discovered by the Gulf Oil Corporation Jones Federal NCT-A Well No. 1, located in Unit L of Section 14, Township 20 South, Range 25 East, NMPM. It was completed in the Grayburg and San Andres formations on December 23, 1974. The top of the perforations is at 751 feet.

- (5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of North Cemetary-Wolfcamp Gas Pool. Said North Cemetary-Wolfcamp Gas Pool was discovered by the David Fasken Seven Rivers Federal Well No. 1, located in Unit C of Section 17, Township 20 South, Range 25 East, NMPM. It was completed in the Wolfcamp formation on October 23, 1975. The top of the perforations is at 7240 feet.
- (6) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Henshaw-Wolfcamp Pool. Said West Henshaw-Wolfcamp Pool was discovered by the Yates Petroleum Corporation Marco Polo EA State Well No. 1, located in Unit H of Section 32, Township 16 South, Range 30 East, NMPM. It was completed in the Wolfcamp formation on June 9, 1975. The top of the perforations is at 8630 feet.
- (7) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Queen, Grayburg and San Andres formations, said pool to bear the designation of South Loco Hills Queen-Grayburg-San Andres Pool. The discovery well is the Gene A. Snow Alscott Well No. 1, located in Unit I of Section 31, Township 18 South, Range 29 East, NMPM. It was completed in the Queen, Grayburg and San Andres formations on July 30, 1974. The top of the perforations is at 1834 feet.
- (8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of West Lusk-Morrow Gas Pool. Said West Lusk-Morrow Gas Pool was discovered by the Adobe Oil Company Hannifin State Com Well No. 1, located in Unit P of Section 16, Township 19 South, Range 31 East, NMPM. It was completed in the Morrow formation on October 18, 1974. The top of the perforations is at 11,719 feet.
- (9) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Otis-Morrow Gas Pool. Said Otis-Morrow Gas Pool was discovered by the Apexco Inc. Walterschied Com Well No. 1, located in Unit G of Section 35, Township 22 South, Range 27 East, NMPM. It was completed in the Morrow formation on September 6, 1974. The top of the perforations is at 11,958 feet.
- (10) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the

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Atoka formation, said pool to bear the designation of Penasco Draw-Atoka Gas Pool. Said Penasco Draw-Atoka Gas Pool was discovered by the Yates Petroleum Corporation Scout EH Federal Com Well No. 2, located in Unit I of Section 27, Township 18 South, Range 25 East, NMPM. It was completed in the Atoka formation on September 9, 1975. The top of the perforations is at 8710 feet.

- (11) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Scanlon-Morrow Gas Pool. Said Scanlon-Morrow Gas Pool was discovered by the Harvey E. Yates Company, Inc. Fannie Lou Federal Well No. 1, located in Unit G of Section 31, Township 20 South, Range 29 East, NMPM. It was completed in the Morrow formation on November 25, 1975. The top of the perforations is at 11,473 feet
- (12) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Queen formation, said pool to bear the designation of Square Lake-Queen Gas Pool. Said Square Lake-Queen Gas Pool was discovered by the Corpening Enterprises Exxon State Well No. 1, located in Unit M of Section 16, Township 16 South, Range 31 East, NMPM. It was completed in the Queen formation on November 30, 1973. The top of the perforations is at 3008 feet.
- (13) That there is need for certain extensions to the Atoka-San Andres Pool, the North Burton Flat-Atoka Gas Pool, the Cabin Lake-Morrow Gas Pool, the Red Lake-Pennsylvanian Gas Pool and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, and the Cruz-Delaware Pool, the Drinkard Pool, the La Rica-Morrow Gas Pool, the Paddock Pool, the Tonto-Seven Rivers Pool and the Townsend-Strawn Pool, all in Lea County, New Mexico.

#### IT IS THEREFORE ORDERED:

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

# TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM Section 20: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM Section 36: W/2

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

# TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 14: SW/4

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

# TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 17: N/2

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

# TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM Section 32: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 31: SE/4 NE/4, & NE/4 SE/4
Section 32: S/2 NW/4, N/2 SW/4, W/2 NE/4 and SE/4 NE/4

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

# TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM Section 16: S/2

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 26: W/2 Section 35: All

(i) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production, is hereby created and designated as the Penasco Draw-Atoka Gas Pool, consisting of the

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following described area:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: E/2

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

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM Section 31: N/2

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

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

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 21: S/2 SE/4 & E/2 SW/4 Section 28: N/2 NE/4 Section 28: E/2 NW/4

(m) That the North Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 Section 14: All

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM Section 35: E/2 Section 36: W/2

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

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM Section 19: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 25: SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 30: SW/4

(q) That the La Rica-Morrow Gas 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 3: All

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

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

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 6: All Section 19: W/2

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 13: SW/4 Section 14: S/2

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 4: Lots 1, 2, 7, 8, 9, 10, 15, & 16 and SE/4

(v) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: -7-Case No. 5643 Order No. R-5171

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 16: All Section 34: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPM Section 3: All

#### IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60=day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations and extensions included herein shall be April 1, 1976.

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

Thil K. ducer

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD Member

JOE D. RAMEY, Member & Secretary

SEAL

PURPOSE: One completed oil well capable of producing. DISCOVERY WELL: Coquina Oil Corp. State KNN Well No. 1, located in Unit J 20-18-36. Completed in the San Andres formation on December 15, 1975. Top of perforations 5552'. Proposed pool boundary outlined in red. SECTION 20: SE/4

CASE 5643: (b) CREATION OF A NEW GAS POOL

CASE 5643: (d) CREATION OF A NEW GAS POOL

| CASE       | 5643:       | (d)   |             | North               | Cemeta  | ry-Wo              | 1fcamp                   | Gas    | •     | •    |
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CASE 5643: (e) CREATION OF A NEW OIL POOL

| COUNTY    | Eddy                                             | -                                                 |               | POOL        |              |      |          | ensh     | aw- | Wo.  | lfc         | am           | p            |          |          |          |     | • • • • • • • • • • • • • • • • • • • |
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|           | +                                                | ++                                                |               |             | -            |      | $\dashv$ |          | -   | _    |             |              | -            |          |          | <br>     |     | ·                                     |
| Purpose:  | One                                              | com                                               | olet          | ed o        | il           | wel] | L C      | apak     | ole | of   | id<br>id    | cod          | uci          | ing      | <u>-</u> |          |     |                                       |
|           |                                                  |                                                   |               |             |              |      |          |          |     |      |             |              |              |          |          |          |     | ·<br>-                                |
| Disc. We  |                                                  | Yate                                              |               |             |              |      |          |          |     |      |             |              |              |          |          |          | 2-1 | 6-30                                  |
| Comp. 6-  | -9-75                                            | thro                                              | ugh           | Wolf        | cam          | o pe | erf      | s fr     | om  | 86   | <u>30</u>   | to           | 86           | 592      | <u>'</u> |          |     |                                       |
|           |                                                  | <del></del>                                       | <del></del>   | <del></del> |              |      | ٠        | 5.5      |     |      |             |              |              |          |          |          |     | •                                     |
| P. oposec | lpool                                            | bou                                               | ndar          | y ou        | tli          | ned  | ir       | blu      | ie. |      |             |              |              |          |          |          |     | •                                     |
|           |                                                  |                                                   | <del></del> - | Se          | cti          | on 3 | 32:      | NE/      | /4  |      | <del></del> |              |              | ·        |          |          |     |                                       |
|           |                                                  |                                                   | <del></del>   |             |              |      |          |          |     |      |             |              |              |          |          | 1        |     | <b>.</b>                              |
|           |                                                  |                                                   |               |             |              |      |          |          |     |      |             |              |              |          |          |          |     |                                       |
|           |                                                  |                                                   |               |             |              |      |          |          |     |      |             |              |              |          |          |          |     |                                       |
| <u> </u>  |                                                  |                                                   |               |             |              |      |          |          |     |      |             |              |              |          |          |          |     | _                                     |

CASE 5643: (f) CREATION OF A NEW OIL POOL

| COUNTY Eddy          | POOL        | South Loco Hills Q-GbSA                           |
|----------------------|-------------|---------------------------------------------------|
| TOWNSHIP 18S         | RANGE       | 29E NMPM                                          |
|                      |             |                                                   |
| 6                    | 4           | 2-1-1-1                                           |
| 2                    |             |                                                   |
|                      |             |                                                   |
| 7 + 8                | 3 9 -       | 10 -11 -12                                        |
|                      |             |                                                   |
|                      |             |                                                   |
| 181                  | 716         | 15 14 13                                          |
| <del>}- - - - </del> |             |                                                   |
|                      |             | <del></del>                                       |
| 19 2                 | 21-         | 22 - 23 - 24 -                                    |
|                      |             | <del>                                      </del> |
|                      |             | <del></del>                                       |
|                      |             |                                                   |
| 30 - 2               | 9 28        | 27 26 25                                          |
|                      |             | <del>╎╬┈╎┈╎┈╏┈╎┈╽┈╏┈╎┈</del>                      |
|                      |             |                                                   |
| 313                  | 33          | 35 - 36 - 36                                      |
|                      |             |                                                   |
| Purpose: Six co      | mpleted oil | wells capable of producing.                       |
| Disc. Well: Gen      | e A. Snow.  | Alscott #1-I, 31-18-29, Comp. 7-30-74             |
|                      |             | perfs from 1834 to 2838'.                         |
|                      |             |                                                   |
| Proposed pool bo     | undary out1 | inod in blue                                      |
| Proposed pool bo     | Sect        | ion 31: SE/4 NE/4, NE/4 SE/4                      |
|                      | Sect        | ion 32: S/2 NW/4, N/2 SW/4, W/2 NE/4 & SE/4 NE/4  |
|                      |             |                                                   |
|                      |             |                                                   |
|                      |             |                                                   |

CASE 5643: (g) CREATION OF A NEW GAS POOL

| COUNTY   | Eddy        | POOL     | West I | usk-Morrow                                     | Gas        |         |
|----------|-------------|----------|--------|------------------------------------------------|------------|---------|
| TOWNSHIP | 195         | RANGE    | 31E    | NMPM                                           |            |         |
| 7 - 18 - | 198         | RANGE 9  |        | 3                                              | 11         | -12     |
| 30 -     | 29          | 21-      |        | -27                                            | 26         | 24      |
| Purpose: | One compl   | eted gas | well   | capable of                                     | producing  | <u></u> |
| Comp. 10 | -18-74 thro | ugh Morr | ow per | fin State C<br>fs from 117<br>n blue.<br>: S/2 | /19 to 122 | 225'.   |
|          | *           | *        |        |                                                |            |         |

CASE 5643: (h) CREATION OF A NEW GAS POOL

| COUNTY   | Eddy        | POOL       | Otis-                                                               | Morro           | w Gas       |             | ·<br>                                 |                                                  |             |
|----------|-------------|------------|---------------------------------------------------------------------|-----------------|-------------|-------------|---------------------------------------|--------------------------------------------------|-------------|
| TOWNSHIP | 225         | RANGE      | 27E                                                                 |                 | NMPM        |             |                                       |                                                  |             |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  |             |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  |             |
| 6        | 5           | 4          | 1-1-1                                                               | 3               |             | - 2         |                                       | 1-1-                                             | 1           |
|          |             |            |                                                                     |                 |             |             |                                       | 1-1-                                             | -           |
| ~        | -}          | -}         | -                                                                   |                 |             | -           |                                       | 1                                                | 1-          |
|          |             |            |                                                                     |                 | -           | +           |                                       | <del>                                     </del> | +-          |
| 7        | 8 +         | 9-         | 3                                                                   | - 10 -          |             | - 11 -      | -                                     | -12-                                             | +-          |
|          |             |            |                                                                     |                 |             |             |                                       | ╂╌╂╼                                             | +           |
|          | ╬┷┼╼┼       |            |                                                                     |                 | {           |             | <del> -</del> -                       | +                                                | ╁           |
|          | 1-1-1-1     |            |                                                                     | -               |             | -           |                                       |                                                  | +           |
| 18       | 17          | -16        |                                                                     | - 15 -          | ╼╂╼┼        | 14 -        |                                       | 13-                                              | ╂           |
|          |             |            | -                                                                   |                 |             |             |                                       |                                                  | +-          |
|          | ┹┵          | -}         |                                                                     |                 |             |             |                                       |                                                  | -           |
|          |             |            |                                                                     |                 |             | _           |                                       |                                                  | 4           |
| 19       | 20          | 21-        |                                                                     | - 22 -          |             | - 23-       |                                       | + 24-                                            | _           |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  | 1           |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  | 4_          |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  |             |
| 30 +     | 29          | 28         |                                                                     | 27              |             | - 26 -      |                                       | 25-                                              |             |
|          | 23          | 20         | É                                                                   |                 |             | 10          |                                       |                                                  | $\perp$     |
| 4:       |             |            |                                                                     |                 | 3           |             | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                                                  |             |
|          |             |            |                                                                     |                 |             |             | >                                     |                                                  |             |
|          |             |            | 6                                                                   |                 |             |             |                                       |                                                  |             |
| 31       | 32 -        | 33         |                                                                     | - 34<br>        |             | - 35 —      |                                       | <del>- 36</del> -                                | $\top$      |
|          |             |            |                                                                     |                 |             |             |                                       |                                                  | 1           |
| urpose:  | Two compl   | eted gas   | wells                                                               | capa            | ble of      | pro         | duci                                  | ng.                                              | - A-4       |
|          |             |            | <del></del>                                                         | . <del>}.</del> | <del></del> |             |                                       |                                                  |             |
| isc. wel | 1. Anexco   | Inc., W    | alters                                                              | chied           | Com #       | 1-G.        | 35-2                                  | 22-27                                            |             |
|          | -74 through |            |                                                                     |                 |             |             |                                       |                                                  |             |
| J J. 0   |             | ,          |                                                                     |                 |             |             |                                       | · · · ·                                          |             |
|          |             |            |                                                                     | <del></del>     |             | <del></del> |                                       | <del></del>                                      |             |
|          |             | ?an: a::±3 | inod i                                                              | n h1.           |             |             |                                       |                                                  |             |
| roposed  | pool bound  |            | ined i                                                              |                 |             |             |                                       |                                                  |             |
|          |             |            | $ \begin{array}{ccc} \text{ion } 26 \\ \text{ion } 35 \end{array} $ |                 |             | <del></del> | <del></del> -                         | <del></del>                                      |             |
|          |             |            |                                                                     |                 |             |             |                                       | <del>-,</del>                                    | <del></del> |
|          |             |            | <del></del>                                                         |                 | ····        | <del></del> |                                       |                                                  |             |
|          |             |            |                                                                     | <del> </del>    | <del></del> |             |                                       |                                                  |             |
|          |             |            | .,                                                                  |                 |             |             | <u> </u>                              |                                                  |             |
|          |             |            | 13                                                                  |                 | 3           |             |                                       |                                                  |             |

CASE 5643: (1) CREATION OF A NEW GAS POOL

| COUNTY     | Eddy                                  | POOL     | Penasco D                             | raw-Atoka G | <b>as</b>                                        |
|------------|---------------------------------------|----------|---------------------------------------|-------------|--------------------------------------------------|
| TOWNSHIP   | 185                                   | RANGE    | 25E                                   | NMPM        |                                                  |
|            |                                       |          |                                       |             |                                                  |
| 6-         | 5                                     | 4 -      | 3-                                    | 2           | - <del>   </del>                                 |
|            |                                       |          |                                       |             |                                                  |
|            |                                       |          |                                       |             |                                                  |
| 7          | 8                                     | 9-       | 10 -                                  | -11-        | 12                                               |
|            |                                       |          |                                       |             | 1-1-1-1                                          |
|            |                                       |          |                                       |             |                                                  |
| 18-        | 17                                    | 16       | 15-                                   | 14-         | 13                                               |
|            |                                       |          |                                       |             | 1                                                |
|            |                                       | 1-1-     |                                       |             | <del>                                     </del> |
| 19         | 20                                    | 21-      | 22-                                   | 23          | 24                                               |
|            |                                       |          |                                       |             |                                                  |
|            |                                       |          |                                       |             |                                                  |
| 30         | 29                                    | 28 -     | 2 -                                   | 26          | 25                                               |
| 30 T       | 29                                    | 20       |                                       | 26          | 25                                               |
|            |                                       | -        |                                       |             | -{                                               |
|            |                                       |          |                                       |             |                                                  |
| 31         | 32                                    | 33 -     | 34-                                   | 35          | 36                                               |
|            |                                       |          |                                       |             |                                                  |
| Purpose:   | One comple                            | ted gas  | well capab                            | le of produ | cing.                                            |
| Disc well  | · Vates F                             | Pet Corr | Scout F                               | H Fed. Com  | #2-I, 27-18-25                                   |
|            |                                       |          | * *                                   | 8710-20'.   |                                                  |
|            | · · · · · · · · · · · · · · · · · · · |          | · · · · · · · · · · · · · · · · · · · | <u> </u>    | i ii                                             |
| Proposed p | ool bounda                            |          | ned in blu<br>on $27: E/2$            |             | <del></del>                                      |
|            |                                       |          |                                       |             | •                                                |
|            |                                       |          |                                       |             | 12                                               |
|            |                                       | 51       |                                       |             | -                                                |
|            | ·                                     |          | ` <u> </u>                            |             |                                                  |
|            |                                       |          |                                       |             | S <sub>1,2</sub>                                 |
|            |                                       |          |                                       |             | ,                                                |

CASE 5643: (j) CREATION OF A NEW GAS POOL

| o. tot. 5043;       | (1)      | CREATION OF A NEW GAS POOL              |
|---------------------|----------|-----------------------------------------|
| COUNTY              | Eddy     |                                         |
| TOWNSHIP            | 20s      | PANOR                                   |
|                     |          | RANGE 29E NMPM                          |
| 6                   |          |                                         |
|                     |          | 5 - 3 - 2 - 1                           |
|                     |          |                                         |
|                     |          |                                         |
| 7                   |          |                                         |
|                     | 8        |                                         |
|                     |          | 11 12                                   |
|                     | 1        |                                         |
| 18-                 |          |                                         |
|                     | 17       | 15 - 15                                 |
| }- <del> </del>   _ |          |                                         |
|                     |          |                                         |
| 19                  | 20 -     |                                         |
|                     | <u> </u> | 21 22 23                                |
|                     |          |                                         |
|                     |          |                                         |
| 30                  | - 29 -   |                                         |
|                     |          | 28 27 26 25                             |
|                     |          | 26 + 25 + 25 + 25 + 25 + 25 + 25 + 25 + |
|                     |          |                                         |
| 31                  | 22       |                                         |
|                     | 32 +     | 33 + 34 + 35 - 36                       |
|                     |          |                                         |
| Purpose: One c      | omple    | eted dag                                |
|                     |          | eted gas well capable of producing.     |
| proc. well: Ha      | 22200-   |                                         |
| Comp. 11-25-75      | throu    | gh Morrow perfs from 11473 to 11849'.   |
| `                   |          | , to 118491.                            |
| Proposed pool bo    | punda    | ry outlined in blue.                    |
|                     | ·        | Section 31: N/2                         |
|                     |          | -2. N/Z                                 |
|                     |          |                                         |
|                     |          |                                         |
|                     |          |                                         |
|                     |          |                                         |

et est odoor

CASE 5643: (k) CREATION OF A NEW GAS POOL

| COUNTY                                | Eddy           | POOL        | Square Lake | e-Queen                               | Gas                                   |                                                     |
|---------------------------------------|----------------|-------------|-------------|---------------------------------------|---------------------------------------|-----------------------------------------------------|
| TOWNSHIP                              | 165            | RANGE       | 31E         | NMPM                                  | · · · · · · · · · · · · · · · · · · · |                                                     |
|                                       |                |             |             |                                       |                                       | <del>                                     </del>    |
| 6-                                    | 5              |             | 3-          |                                       | 2                                     | <del>  1 -   -                               </del> |
|                                       |                |             |             |                                       | 1-1-1-                                |                                                     |
|                                       |                |             |             |                                       |                                       |                                                     |
| 7                                     | 8              | 9-          | 10 -        | - -                                   | 11                                    | 12                                                  |
|                                       |                |             |             |                                       |                                       | +-+                                                 |
|                                       |                |             |             |                                       |                                       |                                                     |
| 18-                                   | 17             | 16          | 15-         |                                       | 14                                    | 13-                                                 |
| <del>}</del>                          |                |             | +           |                                       |                                       |                                                     |
|                                       |                |             |             |                                       | 1-1-5                                 |                                                     |
| 19                                    | 20             | 21-         |             |                                       | 23                                    | 24                                                  |
|                                       | $\blacksquare$ | <del></del> |             |                                       |                                       | 4-1-1-1                                             |
|                                       |                |             |             |                                       |                                       | 1-1-1                                               |
| 30                                    | 29-            | 28          | 27-         |                                       | 26                                    | 25                                                  |
|                                       | 29             | 20          |             |                                       | -                                     | 23                                                  |
|                                       |                |             |             |                                       |                                       | <del></del>                                         |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                |             |             |                                       | + + +                                 |                                                     |
| 31                                    | 32             | 33-         | 34-         |                                       | 35                                    | 36                                                  |
|                                       |                |             |             |                                       |                                       |                                                     |
| Purpose:                              | One comple     | eted gas    | well capab  | le of p                               |                                       | J•                                                  |
| Disc. well                            | : Corpen       | ing Ente    | rprises, Ex | xon Sta                               | te #1-M                               | , 16-16-31                                          |
| Comp. 11-3                            | 0-73 thro      | igh Queer   | n perfs fro | m 3008-                               | 27'.                                  |                                                     |
| Dunnagad n                            |                | and in hi   | luo.        |                                       |                                       |                                                     |
| Proposed p                            |                | on 16: Si   |             | · · · · · · · · · · · · · · · · · · · |                                       |                                                     |
|                                       |                |             |             |                                       |                                       | •                                                   |
|                                       |                |             |             |                                       | i.e                                   |                                                     |
|                                       |                |             |             |                                       |                                       | <u>-</u>                                            |
| 1                                     | , <i>II</i>    | :           |             |                                       |                                       |                                                     |
|                                       |                |             |             |                                       |                                       | •                                                   |
|                                       | *              |             |             |                                       |                                       |                                                     |

CASE 5643: (1) EXTENSION OF AN EXISTING OIL POOL

| COUNTY   | Eddy       | POOL       | Atoka-San          | <del></del>                                       | <del></del>                                      | <del></del> - |
|----------|------------|------------|--------------------|---------------------------------------------------|--------------------------------------------------|---------------|
| TOWNSHIP | <u>185</u> | RANGE      | 26E                | NMPM                                              | <del></del>                                      |               |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |
| 6        | 5          | 4          | 3-                 |                                                   | 3                                                |               |
|          |            |            | <del>- - - -</del> |                                                   |                                                  | -ttt          |
|          |            |            |                    |                                                   | #                                                |               |
|          |            |            | <del>-    </del>   |                                                   | <del>                                     </del> |               |
|          | 8 -        | 9          | 10                 |                                                   |                                                  | 12            |
|          |            |            | 10                 |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   | <del>                                     </del> | <del></del>   |
|          |            |            |                    |                                                   | ╂╌╂╌╂                                            |               |
| 18       | 17         | 16         | 15                 | ╌╂╌┼╌                                             | 14 -                                             | 13            |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |
| 19       | 20         |            | ZZ                 | <b></b> 2                                         | 23                                               | 24            |
|          |            | <b>}}-</b> |                    |                                                   | <del>╎┈╎╸</del> ┫                                |               |
|          |            |            |                    | <u> </u>                                          | 1                                                |               |
|          |            |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   | !                                                |               |
| 30 -     | 29         | 8          | 27                 |                                                   | 26-                                              | 25            |
|          |            |            | +                  | <del>                                      </del> | <del>                                     </del> |               |
| ╼┝╼┼╼┥   | ╼╏╌┼╌┼╌┤   | -}}-       | ╌╂╌╌╂╌╌┼╌          | <del></del>                                       | <del>╎╌╎╌╏</del>                                 | ╼╁╌┽╼┤╾       |
|          |            |            |                    |                                                   | <del>                                     </del> |               |
| 31       | 32         | 33         | 34                 |                                                   | 35                                               | 36            |
|          | 32         |            |                    |                                                   |                                                  |               |
|          |            |            |                    |                                                   |                                                  |               |

| Operator     | Lease          | #&Ut.                 | S.T.R.               | Comp.               | Forr        | n.            |
|--------------|----------------|-----------------------|----------------------|---------------------|-------------|---------------|
| Yates Pet. C | orp. Dayton E  | X #1-0                | 21-18-26             | 1-10-76             | San         | Andre         |
| 11 11        | Dayton F       | Y #1-P                | 21-18-26             | 1-20-76             | 11          | -11           |
| .11          | Dayton F       | ' <del>C #1−</del> B− | <del>28-18-26-</del> | <del>-2-11-76</del> |             |               |
|              |                |                       | 05                   |                     |             |               |
| Pool boundar | y outlined in  | red.                  |                      |                     |             |               |
| Proposed ext | ension outline | d in blu              | e.                   | ×                   |             | •·            |
|              | Section        | 21: S/2               | SE/4 & E/            | 2 SW/4              |             | <del></del> • |
| <del></del>  | Section        | 28: N/2               | NE/4                 |                     |             |               |
| ADDITION     | Section        | -28:-E/2              | _NW/A                |                     |             | <del></del>   |
|              |                |                       |                      |                     |             |               |
|              |                |                       |                      |                     |             |               |
|              |                |                       | <del></del>          | <del></del>         | <del></del> | <del></del> - |
|              |                |                       |                      |                     |             |               |
|              |                |                       |                      |                     |             |               |

CASE 5643: (m) EXTENSION OF AN EXISTING GAS POOL

| TOWNSHIP 20S RANGE 28E NMFM  6                                                                                                                                                                                                                                                                                                                                           | TOWNSHIP          | Eddy        | 205                                              | יו                                     | ለ እየጦ፣ | ,               |     | 281                                               |             |                                                  | NTI-  | ien/ |            |     |     |    |            |                | <del></del> | -    |   |     |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|--------------------------------------------------|----------------------------------------|--------|-----------------|-----|---------------------------------------------------|-------------|--------------------------------------------------|-------|------|------------|-----|-----|----|------------|----------------|-------------|------|---|-----|----|
| 7 8 9 10 -11 -12 -13 -14 -13 -13 -19 -20 -21 -22 -23 -24 -19 -30 -29 -28 -27 -26 -25 -19 -31 -32 -33 -34 -35 -36 -19 -32 -33 -34 -35 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36                                                                                                                                                                                             | TOWNSHIF          |             | 203                                              | 1                                      | ANGI   | S<br>Carperture |     | E BOOM                                            |             | 7                                                | NM    | -    | 1          |     |     |    |            |                |             |      |   |     |    |
| 7 8 9 10 -11 -12 -13 -14 - 13 -13 -19 - 20 -21 - 22 -23 - 24 -19 - 30 - 29 -28 -27 -26 - 25 -19 -31 - 32 -33 - 34 - 35 - 36 -19 - 20 -21 - 22 -23 - 24 -19 - 20 -21 - 22 -23 - 24 -19 - 20 -21 - 22 -23 - 24 -19 - 20 -28 -25 -19 -25 -19 -20 -28 -25 -19 -20 -28 -25 -19 -20 -28 -25 -19 -20 -28 -25 -19 -25 -75 -19 -20 -28 -25 -75 -75 -75 -75 -75 -75 -75 -75 -75 -7 |                   | <del></del> |                                                  |                                        |        |                 | -   | {                                                 |             | -                                                |       |      |            |     |     |    |            |                | -           |      |   |     |    |
| 18 17 16 15 14 13 13 19 19 19 20 21 22 23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25                                                                                                                                                                                                                                                                                   | 6                 | _           | - 5 -                                            | ┼-┋-                                   |        | 4               |     | _                                                 |             | 3                                                | -     |      | - ż        | }   |     |    | j          | L              |             |      |   | , 4 |    |
| 18 17 16 18 14 13 13 19 19 19 20 21 22 23 24 19 19 20 28 27 26 25 19 19 19 20 28 27 26 25 19 19 19 19 19 19 19 19 19 19 19 19 19                                                                                                                                                                                                                                         |                   |             |                                                  |                                        |        | +               |     |                                                   |             | <del> </del>                                     |       |      |            |     |     |    |            |                |             |      |   |     |    |
| 18 17 16 18 14 13 13 19 19 19 20 21 22 23 24 19 19 20 28 27 26 25 19 19 19 20 28 27 26 25 19 19 19 19 19 19 19 19 19 19 19 19 19                                                                                                                                                                                                                                         |                   | _           |                                                  |                                        | _      |                 |     | <u>.</u>                                          |             | <u> </u>                                         |       |      |            |     |     |    |            |                |             | ļ    |   |     |    |
| 18 17 16 18 14 13 13 14 13 13 14 15 13 14 15 13 14 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15                                                                                                                                                                                                                                                                          |                   |             |                                                  | 1                                      |        | <u> </u>        |     | <u> </u>                                          |             | <u> </u>                                         |       |      |            |     |     |    |            |                |             |      | - |     |    |
| Purpose: One completed gas well capable of producing.  Description Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                      | 7                 |             | 8 -                                              |                                        |        | 9               |     | <u> </u>                                          | 1           | U —                                              |       |      | - 1        | ١ _ |     |    | 1          | )<br>2 —       |             |      |   |     |    |
| Purpose: One completed gas well capable of producing.  Description Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                      |                   |             | <u> </u>                                         |                                        |        |                 |     | \$<br>                                            |             | .U<br>L                                          |       | -    | <u>.</u>   | _   |     |    |            |                |             |      |   |     |    |
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| 29 28 -27 26 25  30 -29 28 -27 -26 -25  21 31 -32 33 34 -35 -36  Purpose: One completed gas well capable of producing.  Decretor Lease #&Ut. S.T.R. Comp. Form. To a service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                    | <del>`</del> -    | -{-         |                                                  | 1-1                                    | -      |                 |     | <del>  ,                                   </del> | -           | -                                                | -     |      |            |     |     |    |            |                |             |      |   |     |    |
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| Purpose: One completed gas well capable of producing.  Operator  Lease #&Ut. S.T.R. Comp. Form. To a service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                    | 30                |             | 29-                                              |                                        |        | ્ર<br>28 –      | \ \ |                                                   | 1.          | l<br>フー                                          |       |      | !<br>26    | ے ء |     |    | ا<br>د ۔۔۔ | 5 <u> </u>     |             |      |   |     |    |
| Purpose: One completed gas well capable of producing.  Diperator  Lease #&Ut. S.T.R. Comp. Form. To stiles Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                              |                   |             |                                                  |                                        |        |                 |     |                                                   |             | Ĺ                                                |       |      | آــــ      |     |     |    |            | J.             |             |      |   |     |    |
| Purpose: One completed gas well capable of producing.  Operator  Lease #&Ut. S.T.R. Comp. Form. To reliable Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                             |                   |             |                                                  |                                        |        |                 |     |                                                   |             |                                                  |       |      |            |     |     |    |            |                |             |      | Ġ | ٠.  |    |
| Purpose: One completed gas well capable of producing.  Operator  Lease #&Ut. S.T.R. Comp. Form. To reliable Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                             |                   | $\bigcap$   |                                                  |                                        |        |                 |     |                                                   |             |                                                  |       |      |            |     |     |    |            |                |             |      |   |     |    |
| Purpose: One completed gas well capable of producing.  Operator  Lease #&Ut. S.T.R. Comp. Form. To reliable Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                             |                   |             |                                                  |                                        |        |                 |     |                                                   |             | <u> </u>                                         |       |      |            |     |     |    |            |                |             |      |   |     |    |
| Deperator  Lease #&Ut. S.T.R. Comp. Form. To relities Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Pool boundary outlined in red.  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                   | 31                | _           | - 32 ·                                           | -                                      | +      | 33 <del>-</del> |     | _                                                 | - 3         | 14 —<br>1                                        |       |      | - 3!       | 5 – |     |    | 3<br>1     | 6 –            |             |      |   |     |    |
| perator Lease #&Ut. S.T.R. Comp. Form. To Elties Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Pool boundary outlined in red.  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                        |                   | <b></b>     |                                                  | 1-1                                    |        | -               |     | -                                                 | -           | <del>                                     </del> |       |      |            |     |     |    |            |                |             |      |   |     |    |
| perator Lease #&Ut. S.T.R. Comp. Form. To relie Service Oil Co. Gov.AC Com 2-F 13-20-28 7-25-75 Atoka 104  Pool boundary outlined in red.  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                         |                   |             |                                                  |                                        | _      |                 |     | TO THE                                            | -           |                                                  | -     |      |            |     |     |    |            |                |             | !    | i |     |    |
| Pool boundary outlined in red.  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                                                                                                                    | urpose:           | On          | e cor                                            | nplet                                  | ed     | gas             | We  | 11                                                | Ca          | apa                                              | ble   | 0    | f p        | ro  | duc | in | <u>a•</u>  |                |             |      | , |     |    |
| Pool boundary outlined in red.  Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                                                                                                                    |                   |             |                                                  |                                        |        | <b>T</b>        |     |                                                   |             | IL c                                             | 77.1. |      | - ·        | . D |     |    |            |                |             | Bown |   | m.  | Λĥ |
| Pool boundary outlined in red. Proposed extension outlined in blue. Section 13: N/2                                                                                                                                                                                                                                                                                      |                   |             | <u>ca 0</u>                                      | 11 C                                   |        |                 |     |                                                   | Om          |                                                  |       |      |            |     |     |    |            |                | 5           |      |   |     |    |
| Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                                                                                                                                                    | TOTES :           | ————        |                                                  |                                        |        |                 |     |                                                   | · · · · · · |                                                  |       |      |            |     |     |    |            |                |             |      |   |     | _  |
| Proposed extension outlined in blue.  Section 13: N/2                                                                                                                                                                                                                                                                                                                    |                   | . b         |                                                  | ······································ |        |                 |     |                                                   |             |                                                  | ÷.    |      |            |     |     |    |            |                | ···         |      |   |     |    |
| Section 13: N/2                                                                                                                                                                                                                                                                                                                                                          | Pool bou          | ndar        | y ou                                             | tline                                  | eđ i   | n r             | ed. | •                                                 |             |                                                  | •     |      |            |     |     |    |            |                |             | _    |   |     |    |
| Section 13: N/2                                                                                                                                                                                                                                                                                                                                                          | Proposed          | l ext       | ensi                                             | on ot                                  | ıtli   | ned             | ir  | ı b                                               | lu          | e.                                               |       |      |            |     |     |    |            |                |             |      |   |     |    |
| Section 14: All                                                                                                                                                                                                                                                                                                                                                          |                   |             |                                                  | Se                                     | ecti   | lon             | 13: | : N                                               | /2          |                                                  |       |      |            |     |     |    |            |                | •           |      |   |     |    |
|                                                                                                                                                                                                                                                                                                                                                                          | ····              |             |                                                  | Se                                     | ecti   | on              | 14: | : A                                               | 11          |                                                  |       |      |            |     |     |    |            |                |             | •    |   |     |    |
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CASE 5643: (n) EXTENSION OF AN EXISTING GAS POOL

| COUNTY          | Eddy        | POOL Cabi    | n Lake-Mor  | row Gas                                |                                                   |        |
|-----------------|-------------|--------------|-------------|----------------------------------------|---------------------------------------------------|--------|
| TOWNSHIP        | 21 <u>s</u> | RANGE        | 30E NM      | PM                                     |                                                   |        |
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| Purposo         | One gempl   | loted gag vy | all gapable | of producin                            | ~                                                 |        |
| Purpose:        | One compi   | teteu gas we | ett Capable | or producin                            | 9.                                                |        |
| Operator        | Leas        |              | #&Ut.       | S.T.R.                                 | Comp.                                             | Form.  |
| Corinne G       | race, Livi  | ingston Rido | ge Ut. #1Y- | L, 36-21-30                            | 10-29-75                                          | Morrow |
| TOP<br>13318'   |             | <del> </del> |             | ······································ |                                                   |        |
| 13310           |             |              |             | ·                                      |                                                   |        |
| Pool boun       | dary outli  | ned in red   | •           |                                        | ••                                                | * 2    |
| Proposed        | extension   | outlined in  |             |                                        |                                                   |        |
| <del>,</del>    |             | Section 35   |             | <del></del>                            |                                                   |        |
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| CASE 5643:  |              | EXTENSIO             | POOI,             | CRU                                              | Z-DEL    | AWARE             |                   |      |             |     |                        |             |
|-------------|--------------|----------------------|-------------------|--------------------------------------------------|----------|-------------------|-------------------|------|-------------|-----|------------------------|-------------|
| COUNTY      | LEA          |                      |                   |                                                  | East     |                   | MPM               |      |             |     | THE WASHINGTON WASH    |             |
| TOWNSHIP    | 23           | South                | RANGE             | 33                                               | E (12 C  |                   | -                 |      | 3 ( )       |     |                        |             |
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| 77.00       | enemous.     | ne comple            | range recognition |                                                  | deneral. | പുരുത്തി<br>Le Oi | osodker<br>f proc | luci | ng.         |     |                        | ···         |
| PURPOSE     | : Or         | ne comple            | eted 011          | shall                                            | Well     | #6 10             | ocate             | d in | "Unit       | B 1 | 9-23-33.<br>p of perfo |             |
| Continu     | ental.       | Oil Com              | Janare f          | ormati                                           | on or    | Dec               | ember             | 9,   | 1975.       | To  | p of perfo             | orations    |
| Comple      | ted 1        | n the be             | Taware            |                                                  |          |                   |                   |      |             |     |                        |             |
| '5110' ·    |              | ry outli             | ned in a          | ed.                                              |          |                   |                   |      |             |     |                        |             |
| Pool b      | ounga        | ry outli<br>ol exter | sion Out          | tlined                                           | in g     | reen.             | SEC               | 710  | N 19:       | NE, | /4                     |             |
| Propos      | sea po       | JOT GYCEL            | 10.101            |                                                  |          |                   |                   |      |             |     |                        | •·          |
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| ه منینیتینی |              |                      |                   |                                                  |          |                   |                   |      |             |     |                        |             |
|             |              |                      |                   |                                                  |          |                   |                   |      |             |     |                        |             |

CASE 5643: (p) EXTENSION OF AN EXISTING OIL POOL -- continued on next page

DRINKARD

POOL

COUNTY LEA

| TOWNSHIP                        | 21              | South                               | RA   | NGE                                               | 36           | Eas           | st         |                 | મનામા       |             |                                                  |             |             |             | _          |
|---------------------------------|-----------------|-------------------------------------|------|---------------------------------------------------|--------------|---------------|------------|-----------------|-------------|-------------|--------------------------------------------------|-------------|-------------|-------------|------------|
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| 19-                             |                 | 20                                  |      | - 21-                                             | †            |               | - 2:<br>   | 2 –             |             | -23<br>I    | _                                                |             | - 24        |             |            |
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|                                 | e brease        |                                     | (    | 1,700                                             |              | 1             |            | ****            | *******     | -           |                                                  |             |             |             | Î          |
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| 30                              | 1               | - 29                                |      | 7-28-                                             |              |               | Z          | /               |             | 1           |                                                  |             |             |             |            |
|                                 |                 | `.                                  |      |                                                   |              |               |            |                 |             |             |                                                  |             |             |             |            |
|                                 |                 |                                     |      |                                                   |              |               |            |                 |             |             |                                                  |             |             |             |            |
| 31                              |                 | 32 -                                |      | <br> -33-                                         |              |               | _3         | 4               |             | <br> -35    |                                                  |             | -36         |             |            |
|                                 | <u> </u>        |                                     |      | 11                                                | ļ            |               |            |                 |             |             | _                                                |             | 1           |             | The second |
| Martin Com I to Decor For Ports | J               |                                     | -    |                                                   | -            |               | محمد       | *****           | X/Zil Ciu   |             | -                                                |             | 1278.22     |             |            |
| PURPOSE: On                     | e c             | omplete                             | d oi | well                                              | сар          | able          | e of       | <sup>г</sup> рү | oducir      | ıg.         |                                                  |             | ·           |             |            |
| Hanson Oil C                    | orp             | oration                             | King | gwood W                                           | e11          | #1            | loc        | ate             | ed in t     | Init J      | 25                                               | -21-        | -36.        | *           |            |
| Completed in                    | th              | e Drink                             | ard  | formati                                           | on o         | on J          | June       | 18              | 3, 1975     | . To        | ро                                               | f pe        | erfo        | ratio       | ns         |
| 6636'.                          |                 |                                     |      | ···                                               |              |               | -          |                 |             |             | <u> </u>                                         |             |             |             |            |
| Pool boundar                    |                 |                                     |      |                                                   | ·            |               |            |                 |             |             |                                                  |             | G           |             |            |
| Proposed poo                    | 1 e             | xtensio                             | n ou | tlined                                            | in           | grec          | <u>en.</u> | SE              | CTION       | 25:         | SE                                               | /4          |             |             |            |
|                                 |                 |                                     |      |                                                   |              |               |            |                 |             | ·           |                                                  |             |             | <del></del> |            |
|                                 |                 |                                     |      |                                                   |              | <del></del> ; |            |                 |             |             | ·                                                |             | <del></del> |             |            |
|                                 |                 |                                     |      |                                                   |              |               |            |                 |             |             |                                                  | <del></del> |             |             | <b></b>    |
| -                               | ~~ <del>~</del> |                                     |      |                                                   |              |               |            |                 | <del></del> | <del></del> |                                                  |             | <del></del> | <del></del> |            |
|                                 |                 |                                     |      | و - فهاد بسار پیستانتها حاصید                     | ·            |               |            |                 |             |             |                                                  |             |             |             | - •        |
|                                 |                 |                                     |      | -                                                 |              |               |            |                 | ·           |             |                                                  |             |             |             | _          |

CASE 5643: (p) EXTENSION OF AN EXISTING OIL POOL Contd.

| COUNTY L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EA                       | POOL        | DRINKAR    |              | NMPM    |                       |                   |                  |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|------------|--------------|---------|-----------------------|-------------------|------------------|----------------|
| POWNSHIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 21 South                 | RANGE       | 37 East    |              | NELLI   |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del></del>              |             |            | - 3 -        |         | 2                     | · ·               |                  |                |
| -6-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |             |            | - ;<br>      |         |                       |                   |                  | +-1            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       | ╂╾╂╴              | 11               |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         | 1                     | 11                |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         | - 11                  |                   | 12               |                |
| 17-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8 ~                      | +           | 9          | - 10 -       |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         | -                     | -                 | -                |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            | <del> </del> | +-+-    | +++                   |                   | 13               |                |
| 1B-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17                       |             | 16         | 15           | 11      | 14                    |                   | _                |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             | +          |              |         |                       | _                 | THE ROLL SECTION |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            | 1-1-         |         | -}-}                  | -4:               |                  |                |
| -19-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | - 20                     |             | -21-       | 22           | +-+     | 23                    | 3-                | 7                | 4              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            | ++           |         |                       | W- 200 20 100 100 |                  | 257227-27-0622 |
| and the same of th |                          |             |            |              |         |                       |                   |                  | <b> </b> -     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1-1-1-2                  |             | -28        | 27           | , -   - | 2                     | $\epsilon$        |                  | 25             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         | _                     |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  | ++             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             | 1 22       | 3            | 4       | <b> </b> :            | 35-               |                  | 36-            |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1-1-3                    | 32          | 33         |              |         | $\left\{ -\right\} -$ |                   | ++               |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          | and the and | Verenous o | - V 4 K      |         | de salar              | danada            |                  | medica ment    |
| PURPOSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : To take                | in acrea    | ge surroun | ided by      | p001    | •                     |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          | land in     | red.       |              |         |                       |                   |                  |                |
| Pool bo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | undary out<br>d pool ext | ension of   | itlined in | green        | . SEC   | TION                  | 30: 5             | 5N/4             |                |
| ropose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | d poor one               |             |            |              |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |            |              |         |                       |                   |                  |                |
| ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |             |            |              |         |                       |                   |                  |                |

CASE 5643: (q) EXTENSION OF AN EXISTING GAS POOL

| COUNTY                                                              | LEA         | POOL      | La RICA-MOR                                                                                                     | ROW GAS         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|-------------|-----------|-----------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOWNSHIP                                                            | 19 South    | RANGE     | 34 East                                                                                                         | NMPM            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 | - 8 443 F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6                                                                   | 5           | 4         | 3-                                                                                                              | 2.              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     | 3           |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7                                                                   | 8 -         | 9         | 10                                                                                                              |                 | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>h</b>                                                            |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     | <del></del> | ╌╁┈┼╼┼╸   |                                                                                                                 | +               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             | 111       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                         | 14              | 13-1-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18                                                                  | 17-         | 16        | 15                                                                                                              | 14              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             | -}        |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1-1-1-                                                              | ╂╌┼╌┼       |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 19-                                                                 | 20          | 21        | 22                                                                                                              | 23              | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                     |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 30                                                                  | 29          | 28        | 27                                                                                                              | 26              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                     |             | 1-1-1-    |                                                                                                                 | +               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 31-                                                                 | 32 -        | 33        | 34.                                                                                                             | 35 +            | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                     | <b>!</b>    |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PURPOSE: One                                                        | e completed | nas well  | capable of                                                                                                      | producing :     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 | located in Unit | К 3-19-34.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                     | the Morrow  | formation | n on December                                                                                                   | r 17, 1975. To  | p of perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13,614'.                                                            | u outlined  | in and    |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Proposed poo                                                        | <del></del> |           | in areen. '                                                                                                     | SECTION 3: All  | And the second s |
| · · · op ooo · · p · · ·                                            |             |           | ii greenr                                                                                                       | -               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 | <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -                                                                   |             | :         |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| با داده و داه براه دیگر این از داده داده داده داده داده داده داده د |             |           | القيادة الله الله المدينة المستعددة في المستعددة المدينة المستعددية المدينة المستعدد المستعدد المستعدد المستعدد |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                     |             |           |                                                                                                                 |                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                     |             |           |                                                                                                                 | * •             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

CASE 5643: (r) EXTENSION OF AN EXISTING OIL POOL

| COUNTY                                 | LEA     |             | POOL   | , 1          | PADDOC      | <                                                |                                                                                                                                                                         |                 |
|----------------------------------------|---------|-------------|--------|--------------|-------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| TOWNSHIF                               | 21 9    | South       | RANG   | E 37         | 7 East      | :                                                | NMPM                                                                                                                                                                    |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         |             |        | ¥;           |             |                                                  |                                                                                                                                                                         |                 |
| 6 -                                    |         | 5           |        | - 4<br>      |             | - 3<br>i                                         |                                                                                                                                                                         | 1               |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         | ] ,             |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         | 1               |
|                                        |         |             |        |              |             | :                                                |                                                                                                                                                                         |                 |
| 7                                      |         | - 8 -       |        | 9 -          |             | 10                                               | 11 - 12 -                                                                                                                                                               |                 |
|                                        |         |             |        | . <i>9</i> — |             | 10 <b></b> -                                     | 11 12                                                                                                                                                                   |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
| 18-                                    |         | -17-        |        | -16 –        | 7           | - <b>1</b> 5 -                                   | 14 - 13                                                                                                                                                                 |                 |
| 10-                                    |         |             |        | 16 -         |             | _13_                                             | 1.9                                                                                                                                                                     |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
| 10                                     |         | 20          |        | 21           |             | - 22 -                                           | 23 24 24                                                                                                                                                                |                 |
|                                        |         |             |        |              |             | 42                                               | 23 24                                                                                                                                                                   | _               |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         | 29          |        | -28 -        |             | - 27 -                                           | 26 - 25 -                                                                                                                                                               |                 |
| 30 -                                   |         |             |        |              |             |                                                  | 20 23                                                                                                                                                                   |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         | _]              |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
| 31-                                    |         | 32          |        | -33-         |             | 34                                               | 35 36                                                                                                                                                                   |                 |
| 31-                                    |         |             |        |              |             | 34                                               |                                                                                                                                                                         |                 |
|                                        |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
| URPOSE:                                | One co  | ompleted    | oil v  | vell o       | capabl      | e of p                                           | roducing.                                                                                                                                                               | ,               |
|                                        |         |             |        |              |             |                                                  | d in Unit K of 21-21-37.                                                                                                                                                |                 |
|                                        |         |             |        |              |             | ~~~~                                             | r 18, 1975. Top of perfor                                                                                                                                               | —<br>ation      |
| 194'.                                  |         | :           |        |              |             |                                                  |                                                                                                                                                                         |                 |
| ool bound                              | lary of | utlined     | in rec | i.           |             | <del></del>                                      |                                                                                                                                                                         | <del></del>     |
| roposed p                              | 0001 e  | xtension    | outli  | ned          | in gre      | en. S                                            | ECTION 21: SW/4                                                                                                                                                         |                 |
| *·************************************ |         |             |        |              |             |                                                  |                                                                                                                                                                         |                 |
|                                        |         | <del></del> |        |              | ~           | <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |                                                                                                                                                                         |                 |
|                                        |         |             |        |              | <del></del> |                                                  |                                                                                                                                                                         | -               |
|                                        |         |             | 17     | <del></del>  |             |                                                  | پنیست باقطیت و مشاه ۱۳۰۰ ایم باقطیه از در در داندان با بازی بازی بازی بازی می بازی بازی بازی بازی بازی بازی با<br>در این از این بازی بازی بازی بازی بازی بازی بازی بازی |                 |
| A                                      |         |             |        | <del></del>  |             | 2                                                |                                                                                                                                                                         | - <del></del> · |
| ************************************** |         |             |        |              |             | 1                                                |                                                                                                                                                                         |                 |

CASE 5643: (s) EXTENSION OF AN EXISTING GAS POOL -- continued on next page

| COUNTY   | Eddy                    | POOL R            |            | ennsylvanian                           | Gas |
|----------|-------------------------|-------------------|------------|----------------------------------------|-----|
| TOWNSHIP | 18s                     | RANGE             | 26E        | NMPM                                   |     |
|          | 5                       |                   | 3          | 2.                                     | 1   |
|          |                         |                   |            |                                        |     |
| 7        | 8                       | 9-                | 10         | 11-                                    | 12  |
|          |                         |                   | 7          |                                        |     |
| 18       | 17                      | 16                | 15         | 14                                     | 13  |
| 19-      | 20                      | 21-               | 22         | 23                                     | 24  |
|          |                         |                   |            |                                        |     |
| 30 +     | 29                      | 28 -              | 27         | 26                                     | 25  |
|          |                         |                   |            |                                        |     |
| 31-      | 32                      | 33                | 34         | 35                                     | 36  |
| Purpose: | See Page 2              | 2 of Parag        | raph (s) e | xhibits                                | •   |
| Proposed | extension<br>Section 24 | outlined<br>: E/2 | in blue.   |                                        |     |
|          | 2.                      |                   |            | #************************************* | •   |
|          |                         |                   |            |                                        |     |
| ·····    |                         |                   |            | ·                                      |     |
|          |                         | 1,                |            |                                        |     |

CASE 5643: (s) EXTENSION OF AN EXISTING GAS POOL (page 2)

| . • · · · · · · · · · · · · · · · · · · | cc       | ואט        | r <u>Y</u>   | E        | idy          |             |           |          | POO       | OL                                               | R         | ed                                               | La                   | ke-            | Pe:              | nns          | y1           | van      | ia       | n G         | as          |     |                     |                                        | -   |    |
|-----------------------------------------|----------|------------|--------------|----------|--------------|-------------|-----------|----------|-----------|--------------------------------------------------|-----------|--------------------------------------------------|----------------------|----------------|------------------|--------------|--------------|----------|----------|-------------|-------------|-----|---------------------|----------------------------------------|-----|----|
|                                         | TC       | WNS        | SHI!         | P        | _1           | 8 <u>s</u>  |           |          | RAI       | VGE                                              |           | 2                                                | 7E                   |                |                  | NN.          | 1PM          |          |          |             |             |     |                     |                                        |     |    |
|                                         |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  |                      |                |                  |              |              |          |          |             |             |     |                     |                                        |     |    |
| 4.4                                     |          | · 1        | <br>5 -      |          |              | _           | 5         | -        |           | _                                                | 4         | _                                                | <u> </u>             | <u> </u>       | <br>3            | _            |              |          | ا<br>2•  |             | ļ           |     | 1<br>1              |                                        |     |    |
|                                         | -        |            | <del> </del> | -        | _            | -           | +         | -        | _         | ļ                                                | -         | -                                                |                      | <u> </u>       | -                |              | }            | -        | -        |             | -           |     | -                   |                                        |     |    |
| ·<br>•                                  |          | -          |              |          | ₩_           | -           | -         | +-       |           | ├                                                | ├-        | ├                                                | <u> </u>             | -              | -                | -            |              |          | _        | _           | -           |     | -                   |                                        |     |    |
|                                         |          |            |              | -        | -            | $\vdash$    | +         | -        | -         | -                                                | -         | }_                                               | -                    |                |                  | ا<br>ا       | <del> </del> | -        | $\vdash$ |             | }-          | -   | <del> </del>        |                                        |     |    |
|                                         |          | · •        | 7<br>        | -        | -            | +           | 8 -<br>I  | -        |           | <del> </del>                                     | 9 -       | Ť-                                               | <u>}</u><br><br><br> | 1              | .0 –<br>I        | <del> </del> | }            | - 1      | I        |             | _           | - 1 | .2 –<br>I           |                                        |     |    |
|                                         |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  | <u> </u>             |                |                  |              |              |          |          |             |             |     |                     |                                        |     |    |
| •                                       |          |            |              |          |              |             |           |          |           | ]                                                |           |                                                  |                      |                |                  |              |              |          |          |             |             |     | _                   |                                        |     | -  |
|                                         | -        | - 1        | 8 -<br>      |          |              | <u> </u> -: | ֈֈ        | -        |           | <del> </del>                                     | 1<br>L6 - | <u> </u>                                         | <u>.</u>             | <br>  1        | ≀<br>.5 —        |              |              | <br>  1  | 4 —      | ·           |             | -1  | ।<br>.3—            |                                        |     |    |
|                                         |          |            | -            | -        | -            | -           | +-        | -        |           | -                                                | -         | <u> </u>                                         | <del></del>          | -              | -                |              |              | <u> </u> |          |             | <u> </u>    | _   | +                   |                                        |     |    |
|                                         | -        |            |              | -        | <b>-</b>     | -           | +         | -        | <u> </u>  | -                                                | -         | <del>                                     </del> | <u> </u>             | <u> </u>       | 1 12             |              | <u> </u>     | <u> </u> |          |             | <b> </b>    |     | -                   | -                                      |     |    |
|                                         |          |            | -            |          | <u> </u>     | -           | -         | +        |           |                                                  | -         | -                                                | }                    | -              | ,,,              | -            | -            | -        | -        |             | -           | -   | <del> </del>        |                                        |     |    |
|                                         |          | 1          | 9 <b>-</b> - |          | 1            | -:          | 20 -<br>  | +        |           | + 2                                              | 21<br>    |                                                  | ļ<br>ļ               | - 2            | 2                |              | -            | - 2      | 3 —<br>I |             |             | - 2 | 4-                  |                                        |     |    |
|                                         |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  | *                    |                |                  |              |              |          |          |             |             |     |                     |                                        |     |    |
| ζ.<br>ζ.                                |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  |                      |                |                  |              |              |          |          |             |             |     |                     |                                        |     |    |
|                                         |          | _3         | ្រ<br>() –   |          | _            | L:          | <br>29 -  | _        |           | <u> </u>                                         | <br> -    | ļ                                                |                      | L 2            | <br>  <b>フ</b> ー |              |              | - 2      | !<br>6 — |             |             | _ 2 | <br>!5 —            |                                        |     |    |
|                                         |          |            | <u> </u>     | -        | -            | ļ           | 4-        | <u> </u> | }_        | ļ                                                | -         | -                                                | }                    |                | ļ                |              | _            |          | <u> </u> |             |             |     |                     |                                        |     |    |
|                                         |          |            | -            | -        | <del> </del> | -           | -         | ╂—       | }_        | <del> </del>                                     | -         |                                                  |                      | -              | _                | <br>         | -            |          |          |             |             | -   | <del> </del> -      |                                        |     | ÷  |
|                                         |          |            |              | $\vdash$ |              | -           | +         | -        |           | -                                                | -         | <del> </del>                                     | -                    | <u> </u>       | ļ                |              | -            | -        |          |             | -           |     | -                   |                                        |     |    |
| .,                                      |          | <b>–</b> 3 | 1-           | $\vdash$ | -            | -:          | 32 -<br>I | -        | -         | <del>                                     </del> | 33<br>1   |                                                  | }                    | <del> </del> 3 | 4-               | -            | <del></del>  | - 3      | 5<br>    |             |             | -3  | 6 <del>-</del><br>I |                                        |     |    |
|                                         |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  | -                    | Ī              |                  |              |              |          |          |             |             |     | <br>                |                                        |     |    |
| 7                                       | Pu       | rpc        | se           | :        | Tw           | 0           | con       | npl      | ete       | đ                                                | gas       | We                                               | e11                  | S              | cap              | ab]          | le_          | of       | pr       | odu         | ıcı         | ng  |                     |                                        |     |    |
|                                         |          |            |              |          |              |             |           |          |           |                                                  |           | :                                                |                      |                |                  |              | 1.0          | ·.,      |          |             |             |     |                     |                                        | -   |    |
|                                         | 00       |            |              |          |              |             | eas       |          |           |                                                  |           |                                                  |                      |                |                  | T.I          |              |          |          | mp.         |             | E   |                     | rm.                                    |     | 9: |
| DDITION                                 | De       |            |              |          |              |             |           |          | Eva<br>ke |                                                  |           |                                                  |                      |                |                  | -18<br>-18   |              |          |          | -3<br>-29   |             |     | ,ii                 | rrc                                    | W   | 9: |
|                                         |          |            |              |          |              |             |           |          | <u></u> - |                                                  |           |                                                  |                      |                | <del></del>      |              |              |          |          | <del></del> |             |     | · · · · · ·         |                                        | •   |    |
|                                         | Po       | 01         | bo           | un       | dar          | y           | out       | 1i       | ned       | i                                                | n r       | ed                                               | •                    | ~ <del></del>  | <u></u>          |              |              | 7        |          |             | <del></del> |     |                     |                                        | • . |    |
| •                                       |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  |                      |                |                  |              |              |          |          |             |             |     |                     | ······································ |     |    |
|                                         | Pr       | opc        | se           |          |              |             |           |          | out       |                                                  |           | i                                                | n b                  | lu             | э.               |              |              |          |          |             |             |     |                     |                                        | -   |    |
| DDITION                                 |          |            |              |          | Sec          |             |           |          | : A       |                                                  |           |                                                  |                      |                |                  |              |              |          |          |             |             |     |                     |                                        |     |    |
| Turketa i                               | · Magain |            |              |          |              |             |           |          |           |                                                  |           |                                                  |                      |                |                  |              |              |          | ·<br>    |             |             |     |                     |                                        |     |    |
| •                                       |          |            |              |          |              |             |           |          |           |                                                  |           |                                                  |                      |                |                  |              |              |          |          | <del></del> |             |     |                     |                                        | •   |    |

CASE 5643: (t) EXTENSION OF AN EXISTING OIL POOL

| COUNTY           | LEA    |                |      | POC | L           | 7       | ON       | το -     | - SE     | VEV          | ł RI          | VER | lS       |               |     |            |       |             |                                         | _     |
|------------------|--------|----------------|------|-----|-------------|---------|----------|----------|----------|--------------|---------------|-----|----------|---------------|-----|------------|-------|-------------|-----------------------------------------|-------|
| TOWNSHIP         | 19     | South          |      | RAN | CE          |         | 33       | Eas      | st       |              | M             | IPM |          |               |     |            |       | _           |                                         | -     |
|                  |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        | <br>  5        |      |     |             | <br>• · |          |          | <u> </u> | <br>3        |               |     | ·        | <br>2         |     |            |       | <br>        |                                         |       |
| 6 -              |        |                |      |     |             | 1 ·     |          | <u> </u> |          | 3<br>        |               |     |          | د<br>         |     |            |       |             |                                         |       |
|                  |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     | ,           |         |          |          | <u> </u> |              |               |     |          |               |     |            | 1<br> |             |                                         |       |
| 7                |        | - 8 -          |      |     |             | <br> }  | <u> </u> |          | Ĺ,       | 0 -          |               | ·   | - 1      | <br>          |     |            | -1    | i<br>2 —    |                                         | -     |
|                  |        | <br>  -        |      |     |             |         |          |          |          | <u> </u>     |               |     | -        | <u>.</u>      |     |            |       |             |                                         |       |
|                  |        |                |      |     |             | -       |          | <u> </u> |          |              |               |     |          |               |     |            |       |             |                                         |       |
| ·                |        | :              |      | -   |             |         |          |          |          |              |               |     |          |               |     |            |       | <b> </b>    |                                         |       |
| 18-              |        | 17 ·-          |      |     | -1          | 6 -     |          |          | _ ,      | 5 <b>-</b> - |               |     | 1        |               |     |            | _ 1   | <br>.3      |                                         |       |
|                  |        |                |      |     |             |         |          |          |          | ,<br>L       |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     |             | · ·     |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
| 19-              |        | 20 -           |      |     | <br> - 2    | 1-      |          | <u> </u> | - 2      |              |               |     | _ 1      | 3             |     |            | - 2   | /<br>//     |                                         |       |
|                  |        |                |      |     |             |         |          |          |          |              |               | - 1 | 1        |               |     |            |       |             |                                         |       |
|                  |        |                |      | χ.  |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     |             |         | - 2      |          |          |              |               |     |          |               |     |            |       |             | C.                                      |       |
| 30 -             |        | - <b>2</b> 9 - |      |     | 3           | 8       |          |          | 2        | 7 -          |               |     | 2        | 6             |     |            | - 2   | E           |                                         |       |
| 30               |        |                |      |     |             | 0       |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
|                  |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
| 31-              |        | - 32 -         |      |     | 3           | 3       |          |          | 2        | 4-           |               |     |          | 5 -           |     |            | 2     | 6 —         |                                         | Ģ     |
| 31               |        | - 32 ·         |      |     | - 3         | 3 ~     |          |          |          | 4            |               |     |          | 3 -           |     |            |       | 0 –         |                                         |       |
|                  |        |                |      |     |             |         | -        |          |          | <i>(</i>     |               |     |          |               |     |            |       |             |                                         |       |
| URPOSE:          | One co | mplet          | ed o | ( ) | we l        | 1 (     | apa      | ble      | of       | pr           | odu           | cin | g.       |               |     | 40.00E-012 |       | a - 100 and | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |       |
| elco Petr        |        |                |      |     |             |         |          |          |          |              |               |     |          | tι            | of  | Se         | cti   | on          | 13-                                     | 19-33 |
| ompleted         |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
| op of per        |        |                |      |     |             |         |          |          |          |              |               |     |          |               |     |            |       |             |                                         |       |
| Pool bound       | ary ou | tline          | d in | re  | d.          |         |          |          |          |              |               |     |          |               |     |            | ,     |             |                                         |       |
| roposed p        | ool ex | tensi          | on o | ut1 | ine         | d i     | n g      | jree     | en.      | SE           | CTI           | ON  | 13:      | S             | W/4 |            |       |             |                                         | •     |
|                  |        | <del></del>    |      |     |             |         |          |          |          | SE           | CTI           | ON  | 14:      | S             | /2  |            |       |             |                                         |       |
|                  | -      |                |      |     |             |         |          |          |          |              |               |     | 1        |               |     | . 6        | :     |             | •                                       |       |
| 1                |        |                |      |     |             |         |          |          |          |              |               |     |          | - <del></del> |     |            |       |             |                                         |       |
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| COUNTY   | LEA          | POOL        | NWOT                                             | SEND-ST         | RAWN                                             |               |         | <del></del> - |
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CASE 5643: (v) EXTENSION OF AN EXISTING GAS POOL -- continued on next page

| COUNTY      |                                                  |                                         | POOL         | 26E                                              |                 |                    | nsylva                                           |          |      |                |
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| Operator       | Lease           | #&Ut.        | S.T.R.                                 | Comp.       | Form.       | TOP    |
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| Corinne Grace  | White Baby Con  | n 1-K        | 16-24-26                               | 11-30-75    | Morrow      | 11260' |
| Mesa Pet.Co.   | Ringer          | 1-F          | 3-25-26                                | 12-31-75    |             | 11098' |
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| Pool boundary  | outlined in red | 1.           |                                        |             |             |        |
| Proposed exten | sion outlined i | in blue      | •                                      |             | •           |        |
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TOP

CASE 5643: (v) EXTENSION OF AN EXISTING GAS POOL Contd. (page 2)

| COUNTY     | Eddy       | POOL W       | nite City-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pennsylvanian | Gas |
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Docket No. 8-76

Dockets Nos. 9-76 and 10-76 are tentatively set for hearing on March 17 and March 31, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

### DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 3, 1976

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,

STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO
The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Mutter, Alternate Examiner:

CASE 5621: (Continued and Readvertised)

Application of El Paso Natural Gas Company, as agent for Northwest Production Corporation, for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval to commingle Basin-Dakota and Blanco-Mesaverde gas production in the wellbore of the Northwest Production Corporation Jicarilla 119N Well No. 4, located in Unit H of Section 6, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

- In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider CASE 5631: the amendment of the Special Rules for the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico, to permit the drilling of wells in said pool at any point within a 40-acre tract not closer than 330 feet to the outer boundary thereof.
- In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider CASE 5632: the amendment of the Special Rules for the Devils Fork-Gallup Pool, Rio Arriba County, New Mexico, to delete therefrom the provisions for a volumetric withdrawal formula and substitute therefor a casinghead gas equivalent formula similar to that in effect for the Angels Peak-Gallup Pool, as promulgated by Order No. R-1410-C.
- Application of Shell Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in CASE 5633: the above-styled cause, seeks approval for the downhole commingling of Blinebry, Tubb-Drinkard and Devonian production in the wellbore of its J. P. No. 1 Well located in Unit C of Section 2, Township 25 South, Range 37 East, Justis Field, Lea County, New Mexico.
- Application of Yates Petroleum Corporation for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Duncan Done Unit Area comprising 7,641 acres, CASE 5634: more or less, of State lands in Township 17 South, Ranges 17 and 18 East, Chaves County, New Mexico.
- Application of Sundance Oil Company for salt water disposal, Chaves County, New Mexico. Applicant, CASE 5635: in the above-styled cause, seeks authority to dispose of produced water by injection into the San Andres formation through the perforated interval from approximately 3852 to 3858 feet in its Ingram Pederal Well No. 2 located in Unit I of Section 5, Township 8 South, Range 31 East, Tom Tom-San Andres Pool, Chaves County, New Mexico.
- Application of Julian Ard for an unorthodox oil well location, Lea County, New Mexico, Applicant, CASE 5636: in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled in the center of the SW/4 SE/4 of Section 32, Township 9 South, Range 37 East, West Sauver-San Andres Pool, Lea County, New Mexico, in exception to the provisions of Rule 4, Order No. R-3850.
- Application of R. C. Bennett & J. C. Ryan for a dual completion, Eddy County, New Mexico. Appli-CASE 5637: cant, in the above-styled cause, seeks approval of the dual completion (conventional) of its Exxon-State Well No. 2, located in Unit F of Section 25, Township 19 South, Range 28 East, Eddy County New Mexico, to produce gas from the Upper Pennsylvanian formation through the casing-tubing annulus and gas from the Morrow formation through tubing.
- Application of Belco Petroleum Corporation for Amendment of Order No. R-5111, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Commission Order No. R-5111, which order CASE 5638: pooled all mineral interests in the Pennsylvanian formation underlying the W/2 of Section 5, Township 22 South, Range 27 East, to be dedicated to a well drilled at an unorthodox location 660 feet from the South line and 1980 feet from the West line of said Section 5. Applicant proposes the amendment of said order to pool all such mineral interests in the formations of Mississippian and Siluro-Devonian age underlying the W/2 of said Section 5 and to approve the unorthodox location of the well for said formations.
- Application of Franklin, Aston & Pair for pool creation and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Strawn production for CASE 5639: its Aztec State No. 3 Well located 719 feet from the Morth line and 2110 feet from the East line of Section 36, Township 17 South, Range 32 East, Lea County, New Mexico, and for the promulgation of special rules therefor, including a provision for 160-acre spacing units.

- CASE 5640: Application of Phillips Petroleum Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled tause, seeks approved for the downhole commingling of East Brunson-Ellenburger, East Brunson-NcKee and Drinkard oil production in the wellbore of its Sins No. 6 Well located in Unit N of Section 24, Township 22 South, Range 37 East, Lea County, New Mexico.
- CASE 5641: Application of John Yuronka for salt water disposal, lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced water by injection into the Queen formation through the open-hole interval from approximately 3800 to 3875 feet in his State JC "T" Well No. 1 located in Unit B of Section 16, Township 23 South, Rance 25 June, Republic County, New Mexico.
- CASE 5642: Application of Penroc Oil Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Canyon and Morrow production in the wellhore of its JCW-State Well No. 1, located in Unit O of Section 2, Township 20 South, Range 2: East, Eddy County, New Mexico.
- CASE 5643: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy and Lea Counties, New Mexico.
  - (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the West Arkansas Junction-San Andres Pool. The discovery well is the Coquina Oil Corporation State KKN Well No. 1, located in Unit J of Section 20, Township 18 South, Range 36 East, NMPM. Said pool would comprise:

### TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM Section 20: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Cabin Lake-Atoka Gas Pool. The discovery well is the Corinne Grace Livingston Ridge Unit Well No. 17, iccated in Unit L of Section 36, Township 21 South, Range 30 East, MOM. Said pool would comprise:

### TOWNSHIP 21 SOUTH, RANGE 30 EAST, IMPM Section 36: W/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Grayburg-San Andres production and designated as the Cemetery-Grayburg San Andres Pool. The discovery well is the Gulf Oil Corporation Jones Federal NCT-A Well No. 1, located in Unit L of Section 14, Township 20 South, Range 25 East, NMPM. Said pool would comprise:

### TOWNSHIP 20 SOUTH, RANGE 25 EAST, DMPM Section 14: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the North Cemetery-Wolfcamp Gas Pool. The discovery well is the David Pasken Seven Rivers Federal Well No. 1, located in Unit C of Section 17, Township 20 South, Range 25 East, NMPM. Said pool would comprise:

#### TORNSHIP 20 SOUTH, RANGE 25 FAST, 19911 Section 17: N/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Henshaw-Wolfcamp Pool. The discovery well is the Yates Petroleum Corporation Marco Polo EA State Well No. 1, located in Unit H of Section 32, Township 16 South, Range 30 East, NMPM. Said pool would comprise:

### TOWNSHIP 16 SOUTH, RANGE 30 EAST, NNPM Section 32: NE/4

(f) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Queen-Grayburg and San Andres production and designated as the South Loce Hills Queen-Grayburg-San Andres Pool. The discovery well is the Gene A. Snow Alscott Well No. 1, located in Unit I of Section 31, Township 18 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 31: SE/4 NE/4 & NE/4 SE/4
Section 32: S/2 NN/4, N/2 SN/4, W/2 NE/4 and SE/4 NE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Lusk-Morrow Gas Pool. The discovery well is the Adobe Oil Company Hannifin State Com Well No. 1, located in Unit P of Section 16, Township 19 South, Range 31 East, NMPM. Said pool would comprise:

### TOWNSHIP 19 SOUTH, RANGE 31 EAST, MMPM Section 16: 5/2

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Otis-Morrow Gas Pool. The discovery well is the Apexco Inc. Walterschied Com Well No. 1, located in Unit G of Section 35, Township 22 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, MMPM Section 26: W/2 Section 35: All

(i) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Penasco Draw-Atoka Gas Pool. The discovery well is the Yates Petroleum Corporation Scout EH Federal Com Well No. 2, located in Unit I of Section 27, Township 18 South, Range 25 East, MAPM. Said pool would comprise:

### TOWNSHIP 18 SOUTH, RANGE 25 EAST, NAPM Section 27: E/2

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Scanlon-Morrow Gas Pool. The discovery well is the Harvey E. Yates Fannic Lou Federal Well No. 1; located in Unit G of Section 31, Township 20 South, Range 29 East, NMPM. Said pool would comprise:

### TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM Section 31: N/2

(k) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Queen production and designated as the Square Lake-Queen Gas Pool. The discovery well is the Corponing Enterprises Exxon State Well No. 1, located in Unit M of Section 16, Township 16 South, Range 31 East, MMPM. Said pool would comprise:

# TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM Section 16: SW/4

(1) EXTEND the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 21: S/2 SE/4 & E/2 SW/4 Section 28: N/2 NE/4

(n) EXTEND the North Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 Section 14: All

(n) EXTEND the Cabin Lake-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NAPM Section 35: E/2
Section 36: W/2

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

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NYPM Section 19: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NNPM Section 25: SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 30: SW/4

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(q) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, MMPM Section 3: All

(r) ENTEND the Paddock Pool in Lea County, New Mexico, to include therein:

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

(s) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NORM Section 19: W/2

(t) EXTEND the Tonto (Seven Rivers) Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NORM
Section 13: SW/4 Section 14: S/2

(u) EXTEND the Townsend-Strawn Pool in Lea County, New Mexico, to include therein:

TOENSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 4: Lots 1, 2, 7, 8, 9, 10, 15, & 16, and SE/4

(v) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NAPM Section 16: All Section 34: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, MARM Section 3: All

CASE 5508: (Reopened) (Continued from February 18, 1976 Examiner Hearing)

In the matter of Case 5098 being reopened pursuant to the provisions of Order No. R-4632, which order established special rules for the Red Tank-Morrow Gas Pool, Lea County, New Mexico, including a provision for 640-acre spacing. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing.

### Newspapers:

Santa Fe Hobbs Artesia Roswell Portales

CASE 5643

In the matter of the application of the Oil Conservation Commission upon its own motion for the creation of the following pools:

West Arkansas Junction-San Andres Pool in Township 18 South, Range 36 East, Lea County;

Cabin Lake-Atoka Gas Pool in Township 21 South, Range 30 East, Eddy County;

Cemetery Grayburg-San Andres Pool in Township 20 South, Range 25 East, Eddy County;

North Cemetary-Wolfcamp Gas Pool in Township 20 South, Range 25 East, Eddy County;

West Henshaw-Wolfcamp Pool in Township 16 South, Range 30 East, Eddy County;

South Loco Hills Queen-Grayburg-San Andres Pool in Township 18 South, Range 29 -East, Eddy County;

West Lusk-Morrow Gas Pool in Township 19 South, Range 31 East, Eddy County;

Otis-Morrow Gas Pool in Township 22 South, Range 27 East, Eddy County;

Penasco Draw-Atoka Gas Pool in Township 18 South, Range -25 East, Eddy County;

Scanlon-Morrow Gas Pool in Township 20 South, Range 29 East, Eddy County;

Square Lake Queen Gas Pool in Township 16 South, Range ~ 31 East, Eddy County;

and for the extension of the following pools in Eddy County;

Atoka-San Andres Pool
North Burton Flat-Atoka Gas Pool
Cabin Lake-Morrow Gas Pool
Red Lake-Pennsylvanian Gas Pool
White City-Pennsylvanian Gas Pool

Page 2
Southeast nomenclature for March 3, 1976

and for the extension of the following pools in Lea County:

Cruz-Delaware Pool

Cruz-Delaware Pool
Drinkard Pool
La Rica-Morrow Gas Pool
Paddock Pool
Tonto Seven Rivers Pool
Townsend-Strawn Pool

and for the extension of the Chaveroo-San Andres Pool in Chaves - County;

and for the extension of the Bluitt-Wolfcamp Gas Pool in Roosevelt County.

Delete

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



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

CASE NO. 5643
ORDER NO. R-2171

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

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on March 3, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this <u>day of March, 1976, the Commission, a quorum being</u> present, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Arkansas Junction-San Andres Pool. Said West Arkansas Junction-San Andres Pool was discovered by the Coquina Oil Corporation State KNN Well No. 1, located in Unit J of Section 20, Township 18 South, Range 36 East, NMPM. It was completed in the San Andres formation on December 15, 1975. The top of the perforations is at 5552 feet.
- (3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Cabin Lake-Atoka Gas Pool. Said Cabin Lake-Atoka Gas Pool was discovered by the Corinne Grace Livingston Ridge Unit Well No. 1Y, located in Unit L of Section 36, Township 21 South, Range 30 East, NMPM. It was completed in the Atoka formation on December 20, 1975. The top of the perforations is at 12,826 feet.
- (4) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Grayburg and San Andres formations, said pool to bear the designation of Cemetary-Grayburg San Andres Pool. Said Cemetary-Grayburg San Andres Pool was discovered by the Gulf Oil Corporation Jones Federal NCT-A Well No. 1, located in Unit L of Section 14, Township 20 South, Range 25 East, NMPM. It was completed in the Grayburg and San Andres formations on December 23, 1974. The top of the perforations is at 751 feet.
- (5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of North Cemetary-Wolfcamp Gas Pool. Said North Cemetary-Wolfcamp Gas Pool was discovered by the David Fasken Seven Rivers Federal Well No. 1, located in Unit C of Section 17, Township 20 South, Range 25 East, NMPM. It was completed in the Wolfcamp formation on October 23, 1975. The top of the perforations is at 7240 feet.
- (6) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Henshaw-Wolfcamp Pool. Said West Henshaw-Wolfcamp Pool was discovered by the Yates Petroleum Corporation Marco Polo EA State Well No. 1, located in Unit H of Section 32, Township 16 South, Range 30 East, NMPM. It was completed in the Wolfcamp formation on June 9, 1975. The top of the perforations is at 8630 feet.

- (7) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Queen, Grayburg and San Andres formations, said pool to bear the designation of South Loco Hills Queen-Grayburg-San Andres Pool. The discovery well is the Gene A. Snow Alscott Well No. 1, located in Unit I of Section 31, Township 18 South, Range 29 East NMPM. It was completed in the Queen, Grayburg and San Andres formations on July 30, 1974. The top of the perforations is at 1834 feet.
- (8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of West Lusk-Morrow Gas Pool. Said West Lusk-Morrow Gas Pool was discovered by the Adobe Oil Company Hannifin State Com Well No. 1, located in Unit P of Section 16, Township 19 South, Range 31 East, NMPM. It was completed in the Morrow formation on October 18, 1974. The top of the perforations is at 11,719 feet.
- (9) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Otis-Morrow Gas Pool. Said Otis-Morrow Gas Pool was discovered by the Apexco Inc. Walterschied Com Well No. 1, located in Unit G of Section 35, Township 22 South, Range 27 East, NMPM. It was completed in the Morrow formation on September 6, 1974. The top of the perforations is at 11,958 feet.
- (10) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Penasco Draw-Atoka Gas Pool. Said Penasco Draw-Atoka Gas Pool was discovered by the Yates Petroleum Corporation Scout EH Federal Com Well No. 2, located in Unit I of Section 27, Township 18 South, Range 25 East, NMPM. It was completed in the Atoka formation on September 9, 1975. The top of the perforations is at 8710 feet.
- (11) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Scanlon-Morrow Gas Pool. Said Scanlon-Morrow Gas Pool was discovered by the Harvey E. Yates Company, Inc. Fannie Lou Federal Well No. 1, located in Unit G of Section 31, Township 20 South, Range 29 East, NMPM. It was completed in the Morrow formation on November 25, 1975. The top of the perforations is at 11,473 feet.
- (12) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Queen formation, said pool to bear the designation of Square Lake-Queen Gas Pool. Said Square Lake-Queen Gas Pool was discovered by the Corpening Enterprises Exxon State Well No. 1, located in Unit M of Section 16, Township 16 South, Range 31 East, NMPM. It was completed in the Queen formation on November 30, 1973. The top of the perforations is at 3008 feet.
- (13) That there is need for certain extensions to the Atoka-San Andres Pool, the North Burton Flat-Atoka Gas Pool, the Cabin Lake-Morrow Gas Pool, the Red Lake-Pennsylvanian Gas Pool and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, and the Cruz-Delaware Pool, the Drinkard Pool, the La Rica-Morrow Gas Pool, the Paddock Pool, the Tonto-Seven Rivers Pool and the Townsend-Strawn Pool, all in Lea County, New Mexico.

### IT IS THEREFORE ORDERED:

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

# TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM Section 20: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM Section 36: W/2

That a new pool in Eddy County, New Mexico, classified as an oil pool for Grayburg-San Andres production, is hereby created and designated as the Cemetary-Grayburg-San Andres Pool, consisting of the following described

> TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 14: SW/4

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

> TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 17: N/2

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

> TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM Section 32: NE/4

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

> TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 31: SE/4 NE/4, & NE/4 SE/4 Section 32: S/2 NW/4, N/2 SW/4, W/2 NE/4 and SE/4 NE/4

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

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM Section 16: S/2

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

> TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 26: W/2 Section 35: All

(i) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production. is hereby created and designated as the Penasco Draw-Atoka Gas Pool, consisting of the following described area:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: E/2

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

> TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM Section 31: N/2

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

> TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM Section 16: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 21: S/2 SE/4 & E/2 SW/4

Section 28: N/2 NE/4

Section 28: E/2 NW/4

(m) That the North Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 Section 14: All

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM Section 35: E/2 Section 36: W/2

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

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM Section 19: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 25: SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 30: SW/4

(q) That the La Rica-Morrow Gas Pool in Lea County, New Mexico, as here-tofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 3: All

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

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

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 24: E/2

Addition ------ Section 6: All Section 19: W/2

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 13: SW/4 Section 14: S/2

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

Township 16 SOUTH, RANGE 35 EAST, NMPM Section 4: Lots 1, 2, 7, 8, 9, 10, 15, & 16 and SE/4

(v) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 16: All Section 34: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPM Section 3: All

| -5-       |      |
|-----------|------|
| CASE NO.  | 5643 |
| ORDER NO. |      |

### IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations and extensions included herein shall be April 1, 1976.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JCE D. RAMEY, Member & Secretary

SEAL

CACE 5643: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy and Lea Counties, New Mexico.

KMN

(a) CRFATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the West Arkansas Junction-San Andres Pool. The discovery well is the Coquina Oil Corporation State KKN Well No. 1, located in Unit J of Section 20, Township 18 South, Range 36 Fast, NNPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NNPM Section 20: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Cabin Lake-Atoka Gas Pool. The discovery well is the Corinne Grace Livingston Ridge Unit Well No. 1Y, located in Unit L of Section 36, Township 21 South, Range 30 East, NOW. Said pool would comprise:

### TOWNSHIP 21 SOUTH, RANGE 30 EAST, NORTH Section 36: 3/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Grayburg-San Andres production and designated as the Cemetery-Grayburg San Andres Pool. The discovery well is the Gulf Oil Corporation Jones Federal NCT-A Well No. 1, located in Unit L of Section 14, Township 20 South, Range 25 East, NMPM. Said pool would comprise:

# TOWNSHIP 20 SOUTH, RANGE 25 EAST, NOPM Section 14: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the North Cemetery-Wolfcamp Gas Pool. The discovery well is the David Fasken Seven Rivers Federal Well No. 1, located in Unit C of Section 17, Township 20 South, Range 25 East, NMPM. Said pool would comprise:

### TOWNSHIP 20 SOUTH, RANGE 25 EAST, MMPM Section 17: N/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Henshaw-Wolfcamp Pool. The discovery well is the Yates Petroleum Corporation Marco Polo EA State Well No. 1, located in Unit H of Section 32, Township 16 South, Range 30 East, NMPM. Said pool would comprise:

#### TOWNSHIP 16 SOUTH, RANGE 30 EAST, NOPM Section 32: NE/4

(f) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Queen-Grayburg and San Andres production and designated as the South Loco Hills Queen-Grayburg-San Andres Pool. The discovery well is the Gene A. Snow Alscott Well No. 1, located in Unit I of Section 31, Township 18 South, Range 29 East, MPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NOPM
Section 31: SE/4 NE/4 & NE/4 SE/4
Section 32: S/2 NW/4, N/2 SW/4, N/2 NE/4 and SE/4 NE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Lusk-Morrow Gas Pool. The discovery well is the Adobe Oil Company Hannifin State Com Well No. 1, located in Unit P of Section 16, Township 19 South, Range 31 East, NHPM. Said pool would comprise:

### TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM Section 16: S/2

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Otis-Morrow Gas Pool. The discovery well is the Apexco Inc. Walterschied Com Well No. 1, located in Unit G of Section 35, Township 22 South, Range 27 East, NMPM. Said pool would comprise:

> TOWNSHIP 22 SOUTH, RANGE 27 EAST, NHPM Section 26: W/2 Section 35: All

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Penasco Draw-Atoka Gas Pool. The discovery well is the Yates Petroleum Corporation Scout Ell Federal Com Well No. 2, located in Unit I of Section 27, Township 18 South, Range 25 East, NMPM. Said pool would comprise:

# TOWNSHIP 18 SOUTH, RANGE 25 EAST, NYA'M Section 27: F/2

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Scanlon-Morrow G s Pool. The discovery well is the Harvey E. Yates Fannie Lou Federal Well No. 1, located in Unic G of Section 31, Tomship 20 South, Range 29 East, NOPM. Said pool would comprise:

> TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM Section 31: N/2

and designated as the Square Lake-Queen Gas Pool. The discovery well is the Corpening Enterprises Exxon State Well No. 1, located in Unit H of Section 16, Township 16 South, Range 31 East, NOPM.

### TOWNSHIP 16 SOUTH, RANGE 31 EAST, NYPM Section 16: SW/4

(1) EXTEND the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

ADDITION ----

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 13: N/2 Section 14: All

(n) EXTEND the Cabin Lake-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM Section 35: E/2 Section 36: W/2

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

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM Section 19: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NHPM Section 25: SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPH Section 30: SW/4

(q) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NYPM

Section 3: All

(r) EXTEND the Paddock Pool in Lea County, New Mexico, to include therein:

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

(s) EXTERD the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSRIP 18 SOUTH, RANGE 26 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

ADDITION -----

Section 19: W/2

FION ----- Section 6: All

(t) EXTERD the Tonto (Seven Rivers) Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NAPM Section 13: SW/4

Section 14: S/2

(u) EXTEND the Townsend-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 4: Lots 1, 2, 7, 8, 9, 10, 15, & 16, and SE/4

(v) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NYPH

Section 16: All Section 34: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPH Section 3: All

It is recommended that a new OIL pool be created and designated NEW POOLS as the WEST ARKANSAS JUNCTION-SAN ANDRES Pool. formation and the Vertical limits to be the \_\_\_\_SAN ANDRES horizontal limits should be as follows: As shown in Paragraph (a) Exhibit I Discovery well was Coquina Oil Corporation State KNN Well No. 1 located in Unit\_J Section 20 Township\_18 Range\_36 and was completed on December 15, 1975 . Top of perforations is at \_\_ pool be created and designated It is recommended that a new GAS Pool. as the CABIN LAKE-ATOKA GAS formation and the horizontal limits should be as follows: As shown in Paragraph (b) Exhibit I located in Unit\_L\_Section 36 Township\_21 Range\_30 and was completed on December 20, 1975 . Top of perforations is at 12826 It is recommended that a new OIL pool be created and designated as the CEMETARY-GRAYBURG-SAN ANDRES \_ Pool. Vertical limits to be the GRAYBURG & SAN ANDRES formation and the horizontal limits should be as follows: As shown in Paragraph (c) Exhibit I Discovery well was \_\_Gulf Oil Corporation Jones Federal NCT-A #1 located in Unit L Section 14 Township 20 Range 25 and was completed on \_. Top of perforations is at \_ December 23, 1974

| NEW POOLS  It is recommended that a new GAS pool be created and designated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| It is recommended that a new Pool.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| as the NORTH CEMETARY-WULFCAMP formation and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| vertical limits to be the WOLFCAMP formation and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gollows: No show                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| horizontal limits should be as lollows.  David Fasken Seven Rivers Federal #1  Discovery well was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| TOWNSHIP TOWNSHIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Top of perforations 23 1975 . Top of perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| It is recommended that a new OIL pool be created and designated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| It is recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| as the WEST HENSHAW-WOLFCAMP Pool.  WOLFCAMP formation and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| as the WEST HENSHAW-WOLFCAMP FOOT.  Vertical limits to be the WOLFCAMP formation and the As shown in Paragraph (e) Exhibit I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| horizontal limits should be as follows:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Discovery well was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| June 9, 1975 . Top of perforations is at 8630 feet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Top of performance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| It is recommended that a new OIL pool be created and designated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| as the SOUTH LOCO HILLS-QUEEN-GRAYBURG-SAN ANDRES POOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| as the SOUTH LOCO HILLS-QUELITATION and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| vertical limits to be the Queen-Grayburg-San Andres formation and the horizontal limits should be as follows:  As shown in Paragraph (f) Exhibit Gene A. Snow Alscott Well #1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| to the first the first term of |
| horizontal limits should be as follows.  Gene A. Snow Alscott Well #1  Discovery well was Gene A. Snow Alscott Well #1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| T a diam 31 Township Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| July 30, 1974 Top of perforations is at feet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NEW POOLS

| It is recommended that a new GAS pool be created and designated                                     |
|-----------------------------------------------------------------------------------------------------|
| as the WEST LUSK-MORROW GAS Pool.                                                                   |
| Vertical limits to be the MORROW formation and the                                                  |
| horizontal limits should be as follows: As shown in Paragraph (g) Exhibit I                         |
| Discovery well was Adobe Oil Company Hannifin State Com Well #1                                     |
| located in Unit P Section 16 Township 19 Range 31 and was completed on                              |
| October 18, 1974 . Top of perforations is at 11,719 feet.                                           |
| It is recommended that a new GAS pool be created and designated                                     |
| as the OTIS-MORROW GAS Pool.                                                                        |
| Vertical limits to be the MORROW formation and the                                                  |
| horizontal limits should be as follows: As shown in Paragraph (h) Exhibit I                         |
| Discovery well was Apexco Inc. Walterschied Com Well #1                                             |
| located in Unit G Section 35 Township 22 Range 27 and was completed on                              |
| September 6, 1974 . Top of perforations is at 11,958 feet.                                          |
| It is recommended that a new GAS pool be created and designated as the PENASCO DRAW-ATOKA GAS Pool. |
| Vertical limits to be the ATOKA formation and the                                                   |
|                                                                                                     |
| horizontal limits should be as follows: As shown in Paragraph (i) Exhibit I                         |
| Discovery well was Yates Petroleum Corporation Scout EH Federal Com Well #2                         |
| located in Unit I Section 27 Township 18 Range 25 and was completed on                              |
| September 9, 1975 . Top of perforations is at 8710 feet.                                            |

# NEW POOLS

| It is recommended that a new GAS pool be created and designated as the SCANION-MORPOW CAS                                       |
|---------------------------------------------------------------------------------------------------------------------------------|
| as the SCANLON-MORROW GAS Pool.                                                                                                 |
| Vertical limits to be the Morrow                                                                                                |
| horizontal limits should be as follows: As shown in Paragraph (j) Exhibit I                                                     |
| Harvey E. Yates Company Inc. Family Laws                                                                                        |
| Section 31 Township 20 Range 29                                                                                                 |
| · Top of perforations is at 11,473 feet.                                                                                        |
| It is recommended that a new GAS pool be created and designated as the SQUARE LAKE-QUEEN GAS Pool.                              |
| Vertical limits to be the OUEFN                                                                                                 |
| horizontal limits should be as follows: As shown in Paragraph (k) substitute                                                    |
| Corpening Enterprises Exxon State Woll was                                                                                      |
| located in Unit M Section 16 Township 16 Range 31 and was completed on November 30, 1973 . Top of perforations is at 3008 feet. |
| It is recommended that a new need be and the                                                                                    |
| Pool.                                                                                                                           |
| Vertical limits to be the formation and the horizontal limits should be as follows:                                             |
| Discovery well was                                                                                                              |
| ocated in Unit Section Township Range and was completed on                                                                      |
| • Top of perforations is at feet.                                                                                               |

CASE 5643: (a) CREATION OF A NEW OIL POOL

| COUNTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LEA                                                | POOL                                  | WEST        | ARKANSAS             | JUNCTION-SAN                                     | ANDRES                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|-------------|----------------------|--------------------------------------------------|---------------------------------------|
| TOWNSHIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18 South                                           | RANGE                                 | 36          | East                 | NMPM                                             |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      |                                                  | 8 1                                   |
| 6-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5                                                  | 4                                     |             |                      | 2-                                               | 1                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       | 1           |                      |                                                  | : 5                                   |
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| 7-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8                                                  | <b></b> 9                             |             | 10 -                 | -11-                                             | 12                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | 1-1-1-                                | -           | <del>-   -   -</del> | ┨═╂═┼═╁                                          |                                       |
| 1-1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <del></del>                                        | 1-1-                                  |             |                      | ╂╂┼┼┼                                            |                                       |
| 1-1-1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <del>-                                      </del> | ╂╌┼╌┼                                 |             |                      | <del>                                     </del> |                                       |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 17                                                 | 16                                    | +           | 15 -                 | 14                                               | 13-                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | 1-1-1-                                | +           | <b>[</b>             | 1-1-1-1                                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | 1                                     | _           |                      |                                                  |                                       |
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| 19-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-                                                | 21                                    |             | 22-                  | 23                                               | 24                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      |                                                  |                                       |
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| 30 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29                                                 | 28                                    |             | 27-                  | 26                                               | 25                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      | · ·                                              |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | $\bot$                                |             |                      |                                                  |                                       |
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| 31-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32                                                 | 33                                    | -           | 34-                  | 35                                               | 36                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | 1-1-1-                                |             | ╂╌┼╌┼╌               |                                                  |                                       |
| PURPOSE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | One completed                                      | oil woll                              |             | able of n            | hodusing                                         |                                       |
| • • • • • • • • • • • • • • • • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |                                       |             |                      |                                                  | located in Unit J                     |
| 20-18-36.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |                                       |             |                      |                                                  | er 15, 1975. Top                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | tions 5552'.                                       | · · · · · · · · · · · · · · · · · · · | ē.          |                      | · · ·                                            |                                       |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      |                                                  |                                       |
| Natural Control of the Control of th | 16 3                                               |                                       |             |                      |                                                  | ·                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      |                                                  |                                       |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      |                                                  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             |                      | 1                                                |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    | ·                                     |             |                      |                                                  | -                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                       |             | <del></del>          |                                                  | · · · · · · · · · · · · · · · · · · · |

ÇASE 5643: (b) CREATION OF A NEW GAS POOL

| COUNTY Edd                      | 218         | RANGE                                            | 30E         | NMP         | M         | 111              |              |
|---------------------------------|-------------|--------------------------------------------------|-------------|-------------|-----------|------------------|--------------|
| TOWNSHIP                        |             |                                                  |             |             |           | +-+-+            | 1            |
|                                 |             |                                                  |             | 3-1-1       | 2         |                  | <del> </del> |
| 1-6-1-1                         | 5           | 4                                                |             |             |           | +-+              |              |
|                                 |             |                                                  |             |             |           | <del></del>      | <b>┼╌┩</b>   |
|                                 | ╼┾╼┼╾┪      | -}-                                              | 1-1-1-      |             |           |                  | 1-1          |
|                                 | _           |                                                  | 11          |             | -11-      | 12               | 4            |
| 7                               | 8 -         | 9-                                               | +           | 10          |           | 1-1-             | 4            |
|                                 |             |                                                  | +-1-+       | 1           |           |                  |              |
|                                 |             | <del>                                     </del> | <del></del> | +-+-        |           |                  | 10           |
|                                 |             | 1-1-1-                                           | +           | 1-1-        |           | 13               |              |
| 10                              | 17-         | 16                                               | 4           | 15          | 14        |                  |              |
| 18                              |             | <del>                                     </del> | ┵╌╂╌┼       |             | 1 1 1     |                  |              |
| 4                               |             | <del>                                     </del> | ┵           |             | 1-1-1     |                  |              |
|                                 |             |                                                  | ┵┼┼         |             | 1-1-1     |                  |              |
|                                 | 20          | 21                                               |             | - 22        | 23        | 24               | 1            |
| 19-                             | 171         |                                                  |             |             | 1         | - -              |              |
|                                 |             |                                                  |             |             | ╂╌┼╌┼╌    | 1-1-1-1          |              |
|                                 |             |                                                  |             |             |           | +                |              |
|                                 | 1           | 2                                                | R I         | 27          | 26-       | <del>    2</del> | 5            |
| <del>    3</del> 0 <del> </del> | 1 29        |                                                  |             |             | 1-1-1-    | +++              |              |
| 1-1-1-                          |             |                                                  |             | <del></del> | ┷┼┷┼╼     |                  |              |
| \$ <del></del>                  | (c)         |                                                  |             | 1-1-        |           | +                |              |
| 1-1-1                           | 1           |                                                  | 3           | 34-         | 35        | +++              | 6            |
| 31-                             | 3           | 2                                                |             | 1-1-1       |           |                  |              |
| 1-1-1-1                         | <del></del> |                                                  |             |             |           | 3 = 5 m or       |              |
|                                 |             | ompleted g                                       | as well     | capab       | le of pro | oducing.         |              |
| Purpose:                        | One         | V                                                |             |             |           | 11.137.3         | 36-21-3      |
|                                 | 11. CO      | rinne Grad                                       | e, Livi     | ngston      | Ridge U   | nit #11-         | L, 36-21-3   |
| Disc. We                        | 11: 00      | through                                          | Atoka pe    | rfs fr      | om 12826  | <u>-874.</u>     |              |
| Comp. 12                        | -20-75      | CIIIOug                                          |             |             |           |                  | <del></del>  |
|                                 |             |                                                  |             |             |           |                  |              |
|                                 |             | ooundary o                                       | utlined     | in blu      | ue        |                  |              |
| Proposed                        | l pool h    | Jounnary O                                       | ection      | 36: W/      | 2         |                  |              |
| ·                               |             |                                                  | <u> </u>    |             |           |                  |              |
|                                 |             |                                                  |             |             |           |                  |              |
|                                 |             | <u>/</u>                                         |             |             |           |                  |              |
| ,                               |             |                                                  |             |             |           | <u> </u>         |              |
| •                               |             |                                                  |             |             |           | ¥                |              |

GSE 5643 (c) CREATION OF A NEW OIL POOL

| COUNTY            | POOI C       | emetary-Gray | burg-San A  | ndres        |                                          |
|-------------------|--------------|--------------|-------------|--------------|------------------------------------------|
| TOWNSHIP 20S      | RANGE        | 25E N        | IMPM        |              |                                          |
|                   |              |              |             |              |                                          |
| 6 - 5             | - 4 -        | 3            | 2.          | 1            |                                          |
|                   |              |              |             |              |                                          |
|                   |              |              | +++-        |              |                                          |
| 7 - 8             |              |              |             |              | May 1 miles and the same                 |
| 7 - 8             | 9-           | 10           | 11          | 12           | •                                        |
|                   |              |              | 1 1 1 1     |              |                                          |
|                   |              |              | 1.          |              | er e |
| 18 17             | 16 -         | 15           | 4           | 13-          |                                          |
|                   |              |              |             |              |                                          |
|                   |              |              |             |              |                                          |
| 19 20             | 21-          | 22           | 23          | 24           |                                          |
|                   |              |              | 1-1-1-      | lacksquare   |                                          |
|                   |              |              |             | ╂╼┼╼┼╾╢      |                                          |
|                   | \$.          |              | 1 1 1 1     |              |                                          |
| 30 + 29           | 28 –         | 27           | 26          | 25           |                                          |
|                   |              |              |             |              |                                          |
|                   |              |              |             |              | **                                       |
| 31 32             | 33 -         | 34           | 35          | 36           | #1                                       |
|                   |              |              |             |              |                                          |
| Purpose: One cor  | mpleted oil  | well capable | of produc   | ing.         |                                          |
|                   |              |              |             |              | 1.                                       |
| Disc. well: Gul   |              |              |             |              |                                          |
| Comp. 12-23-74 tl | rough Grayb  | ourg and San | Andres per  | rs rrom /5i  | το 1192.                                 |
|                   |              |              |             |              |                                          |
| Proposed pool box | undary outli | ned in blue  | •           |              |                                          |
|                   | Secti        | on 14: SW/4  |             |              |                                          |
| · <u> </u>        |              |              | ·           | · ,          |                                          |
|                   |              |              |             |              | ,                                        |
|                   |              |              |             |              |                                          |
|                   |              |              | <del></del> | <del> </del> |                                          |

|            |                                                                                                                   |          | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  | ٠.                                               |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |   |
|------------|-------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---|
|            | (d) CREATION                                                                                                      | . 05 4-1 | NEW GAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | POOL _                                           |                                                  | . 1    | -           | ain!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | e in the second                                   |   |
| CASE 5643: | (d) CREATION                                                                                                      | ייחוטן   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ceme                                             | tary-Wo                                          | olfcar | np Gas      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u>-</u>                                          |   |
|            | Eddy                                                                                                              | POOL     | NOT CIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | NMFM                                             | •      |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                 |   |
| COUNTY     |                                                                                                                   | RANGE    | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E                                                | MALL                                             | 1      |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4                                                 |   |
| TOWNSHIP   | 205                                                                                                               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ++                                               |                                                  | 1-1-   |             | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -{                                                |   |
|            |                                                                                                                   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                |                                                  | - 2-   | 1-1         | 10-1-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -1                                                |   |
| 6-         | 5-1                                                                                                               | 1-1-     | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |                                                  | ++     |             | 1-1-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                 |   |
|            | 1-1-1-1                                                                                                           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  | ++     | 11          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -1                                                |   |
|            | <del></del><br><del></del><br><del></del><br><del></del><br><del></del><br><del></del><br><del></del> <del></del> |          | 2.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                |                                                  |        | $\top$      | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _                                                 |   |
|            | <del>                                     </del>                                                                  | 1        | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                | io ++                                            |        | 1           | 1-1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | $\dashv$                                          |   |
| 7          | 8-                                                                                                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | <del></del>                                      | -      | 150         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\overline{}$                                     |   |
|            | 11-                                                                                                               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | <del></del>                                      |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | H                                                 |   |
|            | -                                                                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _}                                               | _                                                |        |             | 13-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <del>                                      </del> |   |
|            | ++++                                                                                                              |          | -16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                | 15-                                              | 1-1    | 4           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +-1                                               |   |
| 1          | 8 1 17                                                                                                            | +7       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +                                                |                                                  | 1-1-   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +-1                                               |   |
|            |                                                                                                                   | 11       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  | ++     | 11_         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +-1                                               |   |
|            | 1-1-1-1                                                                                                           | 1        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  | ++     | 1           | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | +-1                                               |   |
|            | <del>                                     </del>                                                                  | 11       | 21-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | - 22-                                            | ++     | 23          | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |   |
|            | 19 - 20                                                                                                           | )        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  | 1      |             | 1-1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                   |   |
|            | 1-1-1-1                                                                                                           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del>                                     </del> | <del>                                     </del> | ++     | $T_{\perp}$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   | * |
| <b>-</b>   | 1-1-1                                                                                                             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | +-+-+                                            | -1-1   | 76          | 1 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                 |   |
| 1-1-       | +++                                                                                                               |          | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  | +27-                                             | -      | 26          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |   |
|            | -30 + + + 7                                                                                                       | 9+       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1-1-                                             |                                                  |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1-1-1                                             |   |
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| <b> </b>   | -+-+-                                                                                                             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | ++                                               | 11     | 35-         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 36                                                |   |
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| -          | 1-1-1-1                                                                                                           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | 1 capa                                           | ble c  | f pro       | ducing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |   |
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| Pul        | rpose: One                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | on Rive                                          | ers F  | ed. #1      | -C, 17-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | .20-23                                            |   |
|            | sc. Well:                                                                                                         | David    | Fasken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | , Sev                                            | mp per                                           | fs fr  | om 724      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   | _ |
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| P.         | roposeu                                                                                                           |          | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ect10                                            | 11 11.                                           |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |   |
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| es.        | e <del>lingue de la com</del>                                                                                     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |   |
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|            |                                                                                                                   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  |        |             | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |   |
|            |                                                                                                                   |          | 30 and 10 |                                                  |                                                  |        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |   |

CASE 5643: (e) CREATION OF A NEW OIL POOL

| COUNTY Ede        |                                                  | RANGE                                            | 30E         | NMP                 | M           |                                                  |                                       |
|-------------------|--------------------------------------------------|--------------------------------------------------|-------------|---------------------|-------------|--------------------------------------------------|---------------------------------------|
| OWNSHIP           | 16S                                              |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  |                                                  |             |                     | 2           | 1                                                |                                       |
| 1 -               | 5                                                | 4                                                |             | -3-                 |             |                                                  |                                       |
| 6                 | 1                                                |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  | ┷                                                | ╼┼╼╂╼┤      |                     |             | 200                                              |                                       |
|                   |                                                  | <del></del>                                      | <del></del> | <del>├</del> ─┼─┤─┤ | 11          |                                                  | 1                                     |
|                   | 8 -                                              | 9                                                | ,           | 10                  | -11         | 12                                               | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 十7十               |                                                  |                                                  |             | <del>├─</del> ┼╾┼╾┤ |             |                                                  |                                       |
|                   |                                                  |                                                  |             | <del>╎┈</del> ┼╾┼╌┤ | <del></del> |                                                  | •                                     |
|                   |                                                  |                                                  |             | ╂╼╂╼┼               |             | 111                                              |                                       |
|                   |                                                  | S 1                                              | .6          | 15                  | 14          | 13                                               | ]                                     |
| 18+               | 1.7                                              |                                                  | -           | 1-1-                | 1-1-1-      |                                                  | ]                                     |
| <del>┣╍</del> ┼╾┼ | 1                                                |                                                  |             | <del></del>         | ╂╼┼╼┼╾┼     |                                                  | ]                                     |
| 1-1-1-1           | 111                                              |                                                  |             | 4-4-1               | 1-1-1       | +++                                              | 7                                     |
| 1-1-1-            | -1-1-                                            |                                                  | 21          | 22                  | 23          | 1 24                                             | 7                                     |
| 19                | 20                                               | 11                                               |             |                     | ╂┼┼┼        | ++++                                             | 7                                     |
| 1-1-1-            |                                                  |                                                  |             |                     | ╂╌┼╌┼       |                                                  | 7                                     |
| 1-1-1-1           | -1-                                              | +++                                              |             |                     |             |                                                  | 7                                     |
|                   |                                                  | -+-1-1                                           |             | 27                  | 26-         | 25-                                              | 7                                     |
| 30 -              | 29                                               | ) +   +                                          | 28          |                     |             |                                                  | 7                                     |
|                   |                                                  | -+-                                              |             |                     |             | <del>                                     </del> | -                                     |
|                   | <del>                                     </del> |                                                  |             |                     |             | ++++                                             | - 1                                   |
| 1-1-              | 1-1-1                                            |                                                  | -1-1-1      | 34                  | 35 -        | 36                                               | $\dashv$                              |
| 31-               | 3                                                | 2-1-1                                            | - 33        | 34                  |             | +                                                |                                       |
|                   | ++-                                              | <del>                                     </del> |             |                     |             |                                                  |                                       |
|                   |                                                  | 1 2 2 2 2 2                                      | oil we      | 11 capab            | le of prod  | lucing.                                          | ··                                    |
| Purpose           | : One co                                         | ombrered                                         | <u> </u>    |                     |             |                                                  |                                       |
|                   |                                                  |                                                  | Gorn        | Marco P             | olo EA St   | ate #1-H, 3                                      | Z-10-3                                |
| Disc. W           | Mell: Ya                                         | tes Pet.                                         | COID.       | norfs fr            | om 8630 E   | o 8692'.                                         |                                       |
| comp.             | -9-75 th                                         | rough Wo                                         | Licamp      | Ner TO T            |             |                                                  |                                       |
|                   |                                                  |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  |                                                  |             | ed in h1            | ue.         |                                                  |                                       |
| propos            | ed pool 1                                        | boundary                                         | outlin      | ed TIL DE           | ue.<br>/4   |                                                  |                                       |
| - The second of   | ·                                                |                                                  | Sectio      | n 32: NE            | <u>/</u>    |                                                  |                                       |
|                   |                                                  |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  |                                                  |             |                     |             |                                                  |                                       |
|                   |                                                  |                                                  |             |                     |             |                                                  | -                                     |

CASE 5643: (f) CREATION OF A NEW OIL POOL

| mo1 ***-                                          |                                       | A _1      |         |             |                                                  |      |                |                  | <del></del> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|---------------------------------------------------|---------------------------------------|-----------|---------|-------------|--------------------------------------------------|------|----------------|------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| TOWNSHIP                                          | 188                                   | RANGE     | 29E     | N           | MPM                                              | -11  | - 1-           | T - T            | 7           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 6                                                 |                                       | 4         |         | 3           | 2.                                               |      |                | i -              | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           | -}}     |             | 1-1-1                                            |      |                | <del>  -</del> - |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   |
|                                                   |                                       | _}        |         |             | 1-1-1                                            | _    |                | 1-1-             | 4           | 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | •   |
|                                                   |                                       |           |         |             | 1-1-1                                            |      |                | 1-1-             | _           | r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| 7 -                                               | 8                                     |           |         | 10          | - 11                                             |      |                | 2                |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   | 11                                    |           |         | Ĭ -         |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   |
|                                                   |                                       | 1 16      |         | 16          |                                                  |      | ١,             | 3.               |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 18                                                | 17                                    | 16        |         | 15          | 14                                               | (-)  | ,              | .3-              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           | 1-1-1   |             |                                                  |      | <del>-  </del> |                  | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 19                                                | 20                                    | 21-       |         | - 22        | 23                                               | +-1  | 2              | 4                | -1          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 1-1-1-1                                           |                                       |           | 1-1-1   |             | 1-1-1                                            | 11   | +              |                  | <b>-1</b> . |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   | <del></del>                           |           | ╅╼╂╼┼   |             | <del>                                     </del> |      |                | -                |             | ing distribution of the contract of the contra |     |
| <del></del>                                       |                                       |           | + + +   |             | 1-1-                                             | +-   |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 30                                                | <del></del>                           | 28        | ╌╂╌╌╂   | -27-        | 26                                               | +    | 2              | 5 —              | -           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
|                                                   |                                       |           | ╁╌╂╌┼   |             | +++                                              | -{{  |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| <del></del>                                       |                                       |           | ┵       |             | <del></del>                                      | ╌┼╌┨ |                |                  |             | r. r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
|                                                   | ╌┼╌┦╌┞                                | <b></b>   | ╌╂╌┼    |             | 1-1-1-                                           |      |                | }                |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   | 32                                    | 33        |         | - 34        | - 35                                             | 1    | 3              | 6                | _           | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| <del>                                      </del> |                                       |           |         |             | $\bot$ $\bot$ $\bot$                             |      |                |                  | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  | ل           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| rpose: S                                          | ix compl                              | eted oil  | wells   | capab1      | e of pr                                          | oduc | ing.           |                  | - •         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 71                                                |                                       | · .       |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| sc. Well:                                         | Gene A                                | A. Snow,  | Alscott | : #1-1,     | 31-18-                                           | 29,  | Comp.          | . 7-3            | 30-74       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| rough Q-G                                         | o.and Sa                              | n Andres  | perfs   | from 1      | 834 to                                           | 2838 | ١              |                  |             | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| ÷ .                                               |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| oposed po                                         | al bound                              | lary out1 | ined in | blue.       |                                                  |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| oposed po-                                        | or Bound                              | Sect      | ion 31: | SE/4        | NE/4, $N$                                        | VE/4 | SE/4           |                  | •·          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   | <del></del>                           |           |         |             | W/4, N/                                          |      |                |                  | NE/4 &      | SE/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NE/ |
| <u></u>                                           | · · · · · · · · · · · · · · · · · · · |           |         |             |                                                  |      | -              |                  |             | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| <del> </del>                                      |                                       |           |         | <del></del> | <del></del>                                      |      |                |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|                                                   |                                       |           |         |             |                                                  |      |                |                  |             | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |

CASE 5643: (g) CREATION OF A NEW GAS POOL

POOL

Eddy

COUNTY

| TOWNSHIP    | 19S                                                 | RANGE                                 | 31E         | NMPM          | · · · · · · · · · · · · · · · · · · ·              |
|-------------|-----------------------------------------------------|---------------------------------------|-------------|---------------|----------------------------------------------------|
|             |                                                     |                                       |             |               |                                                    |
|             | 5                                                   | 4                                     | 3-          | 2-            | 1-1-                                               |
|             |                                                     |                                       |             |               |                                                    |
|             |                                                     |                                       |             | ┝╾╂╼╂╼╂╼╂     |                                                    |
|             |                                                     |                                       |             |               |                                                    |
| 7           | 8                                                   | 9-                                    | 10          | 11-           | 12                                                 |
|             |                                                     |                                       |             |               | <del></del>                                        |
|             |                                                     | 1                                     |             |               | <del></del>                                        |
|             |                                                     | 1-1-1-1                               |             |               |                                                    |
| 18          | 17 +                                                | 16-                                   | 15          | 14            | 13                                                 |
|             | <del>-</del>                                        | ╣┼┼┼                                  |             |               |                                                    |
|             | <del>-  -  -  -  -  -  -  -  -  -  -  -  -  -</del> |                                       |             |               | <del>-   -   -   -   -   -   -   -   -   -  </del> |
|             |                                                     |                                       |             |               | +++                                                |
| 19-         | 20 -                                                | 21-                                   | 22          | 23            | 24                                                 |
|             |                                                     |                                       |             |               |                                                    |
|             |                                                     |                                       |             |               |                                                    |
|             |                                                     | 00                                    |             | 0.5           | 1                                                  |
| 30          | 29                                                  | 28                                    | 27          | 26            | 25                                                 |
|             |                                                     |                                       |             |               |                                                    |
|             |                                                     |                                       |             |               |                                                    |
| 31          | 32 -                                                | 33                                    | 34-         | 35            | 36                                                 |
|             | 32                                                  |                                       | J.,         | 33            | 30                                                 |
|             |                                                     |                                       |             |               |                                                    |
| urpose: (   | ne comple                                           | eted gas v                            | well capab  | le of produci | ng.                                                |
|             |                                                     | <del></del>                           |             | <del></del>   |                                                    |
| isc. well:  | Adobe                                               | Oil Co., 1                            | Hannifin S  | tate Com #1-P | , 16-19-31                                         |
| Comp. 10-18 | 3-74 thro                                           | ugh Morro                             | w perfs fr  | om 11719 to 1 | 2225'.                                             |
|             | :                                                   |                                       | <u> </u>    | 4             | <u> </u>                                           |
| roposed po  | ool bound                                           |                                       |             | e             | <del></del>                                        |
| ·           |                                                     | Section                               | on 16: S/2  |               |                                                    |
| ·           |                                                     | <del> </del>                          | <u> </u>    |               |                                                    |
|             |                                                     |                                       |             | <del></del>   | · · · · · · · · · · · · · · · · · · ·              |
|             | · · · · · · · · · · · · · · · · · · ·               | · · · · · · · · · · · · · · · · · · · |             |               |                                                    |
|             |                                                     |                                       | <del></del> |               | <u> </u>                                           |
|             | <del></del>                                         | <del></del>                           | <del></del> | <del></del>   | <del></del>                                        |
|             |                                                     |                                       |             |               |                                                    |

West Lusk-Morrow Gas

.CASE 5643: (h) CREATION OF A NEW GAS POOL

| COUNTY    | Eddy      | POOL                       | Otis-Morro | ow Gas |    |
|-----------|-----------|----------------------------|------------|--------|----|
| TOWNSHIP  | 22S       | RANGE                      | 27E        | NMPM   |    |
| 7 18 18   | 5         | 9-                         | 10         | -11    | 12 |
|           | 29        | 21-                        | 22-        | 23     | 24 |
| Disc. wel | l: Apexco | Inc., Wah Morrow ary outli | lterschied | 2      |    |

CASE 5643: (j) CREATION OF A NEW GAS POOL

| TOWNSHIP    | 20S                                                | RANGE   | 29E    | NMPM                                             |     |
|-------------|----------------------------------------------------|---------|--------|--------------------------------------------------|-----|
|             |                                                    |         |        |                                                  |     |
|             |                                                    |         | 1-1-1- | <u>i I l l l l l l l l l l l l l l l l l l </u>  |     |
| 6           | 5                                                  | 4-      | 3      | 2-                                               |     |
|             | <del>-   -   -   -   -   -   -   -   -   -  </del> |         |        |                                                  |     |
|             |                                                    | 1       |        |                                                  |     |
|             |                                                    |         |        |                                                  |     |
|             |                                                    | 9       |        |                                                  |     |
| 一 7 十       | 8 +                                                | 7 7 7 7 | 10 -   | 11                                               | 12  |
| 111         |                                                    |         |        |                                                  |     |
|             |                                                    | 1-1-1-  |        | <del>                                     </del> |     |
|             | <del></del>                                        |         |        | <del>                                     </del> |     |
| 18          | 17                                                 | 16 +    |        | 14                                               | 13- |
|             |                                                    |         |        |                                                  |     |
|             |                                                    |         |        |                                                  |     |
|             |                                                    |         |        |                                                  |     |
|             |                                                    |         | •      |                                                  |     |
| 19          | 20                                                 | 21-     | 22 -   | 23                                               | 24  |
|             |                                                    |         |        |                                                  |     |
| ╌┼╌┼        | <del></del>                                        |         |        |                                                  |     |
| <del></del> |                                                    |         |        |                                                  |     |
| 30          | 29                                                 | 28      | 27-    | 26                                               | 25  |
|             |                                                    |         |        | 4-1-1-1                                          |     |
|             |                                                    |         |        |                                                  |     |
|             |                                                    |         | 21     |                                                  |     |
|             | <i>.</i> *                                         |         |        |                                                  |     |
| 31          | 32 +                                               | 33+     | 34-    | 35                                               | 36  |
| -+++        |                                                    |         |        | <del></del>                                      |     |
|             |                                                    |         |        | ole of produ                                     |     |

Disc. well: Harvey E. Yates Co.Inc., Fannie Lou Fed. #1-G, 31-20-29
Comp. 11-25-75 through Morrow perfs from 11473 to 11849.

Proposed pool boundary outlined in blue.

Section 31: N/2

. 4 44

CASE 5643: (k) CREATION OF A NEW GAS POOL

| COUNTY<br>TOWNSHIP | Eddy         | POOL                |                                        | re Lake            | NMPM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |
|--------------------|--------------|---------------------|----------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                    | 165          |                     | 31                                     |                    | NATE OF THE PARTY |             |
| <del></del>        | 1-1-         |                     |                                        | 7-1-1              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 6                  | 5            | 4-1-4               | ı ———————————————————————————————————— | 3                  | 2-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ·           |
|                    | +++          |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 7                  |              |                     |                                        | 1 10 1             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    | 8            |                     | )                                      | 10                 | 11-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12          |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    | 1            | +-}-                |                                        | - <del> - - </del> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 18-                | 17           | 1                   | 5                                      | - 15 -             | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13-         |
|                    | ╉╼┼╌┼╴       | <del>     </del>    |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| ╼┼╼┼╾┼╸            | ╉╌┼╌┼╴       | <del>┤╸╠┈┝╸┩</del>  |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <del></del> |
|                    | $\mathbf{I}$ |                     | <del></del>                            | 1-1-1              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 19                 | 20           | 2                   | 1 1                                    | 122                | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24          |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              | 1-1-1               |                                        | 111                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 30                 | 29           | 21                  | 1 1                                    | 27                 | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25          |
|                    | <del></del>  | <del>- - - - </del> | -+                                     | +-+-+              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| <del>- - -</del>   | ++-          | ╼╂╼╂╼┼              | <del>_</del>                           | +-+-               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <del></del> |
|                    | 1            | ╌╂╌╂╌┼              |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| 31                 | 32           | 3                   | 3                                      | 34-                | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36          |
|                    | 1            | 1-1-1-1             |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| rpose:             | One com      | pleted ga           | s well                                 | capabl             | e of produ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | cing.       |
|                    |              |                     |                                        | ,:                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (v          |
| sc. well           | : Corp       | ening Ent           | erpris                                 | es, Exx            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1-M, 16-16- |
|                    |              |                     |                                        |                    | n 3008-27'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| <b>3</b> (i)       |              | 1:443 :44           | <br>h1                                 |                    | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | *           |
| oposea p           |              | lined in tion 16:   |                                        |                    | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
|                    |              |                     | ~                                      | ·<br>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
|                    | <del></del>  | <del></del>         |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
|                    |              |                     |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |

CASE 5643: (1) EXTENSION OF AN EXISTING OIL POOL

| COUNTY   | Eddy        | POOL  | Atoka-San                                         | Andres                                            |                                                   |
|----------|-------------|-------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| TOWNSHIP | 185         | RANGE | 26E                                               | NMPM                                              |                                                   |
|          |             |       |                                                   |                                                   |                                                   |
| 6-       | 5           |       | 3-                                                | 1 2.                                              | 1                                                 |
|          |             | 1-1-1 |                                                   |                                                   |                                                   |
| <b></b>  |             | -}}-  |                                                   |                                                   |                                                   |
| }        |             |       |                                                   |                                                   |                                                   |
| 7 +      | 8.          | 9     | 10                                                | 11                                                | 12                                                |
|          |             |       | <del>                                      </del> | <del>                                      </del> | <del>- - - - - - - - - - - - - - - - - - - </del> |
|          |             | 94 2  |                                                   |                                                   |                                                   |
|          | (17)        | 16    | 15                                                | 10                                                | 13                                                |
| 18       | 17          | 16    | 15                                                | 14                                                | 13                                                |
|          |             |       |                                                   |                                                   |                                                   |
| <b>]</b> | _           |       |                                                   |                                                   |                                                   |
| 19-      | 20 +        | 1 2   | 22                                                | 23                                                | 24                                                |
|          |             |       |                                                   | <del></del>                                       | <del>                                      </del> |
|          | <del></del> | -1-1- |                                                   | +++++                                             |                                                   |
|          |             |       |                                                   |                                                   |                                                   |
| 30       | 29          | 28    | 27                                                | 26                                                | 25                                                |
|          |             |       |                                                   |                                                   |                                                   |
|          |             |       |                                                   |                                                   |                                                   |
| 31       | 32          | 33    | 34                                                | 35                                                | 36                                                |
|          |             |       | ++++                                              |                                                   |                                                   |
|          |             |       |                                                   |                                                   |                                                   |

Purpose: Three completed oil wells capable of producing.

| Operator          | Lease      | #&Ut.   | S.T.R.              | Comp.         | Form.                                  |
|-------------------|------------|---------|---------------------|---------------|----------------------------------------|
| Yates Pet. Corp.  | Dayton EX  | #1-0    | 21-18-26            | 1-10-76       | San Andre                              |
| 11 11             |            |         | 21-18-26            |               | —————————————————————————————————————— |
| <u></u>           | Dayton FG  | #1-B    | <del>28-18-26</del> | 2-11-76       |                                        |
| Pool boundary out | lined in r | ed.     |                     |               |                                        |
| Proposed extensio | n outlined | in blu  | e.                  |               | •                                      |
|                   |            |         | SE/4 & E/           | 2 SW/4        |                                        |
|                   | Section    |         |                     | · <del></del> | <del></del>                            |
| ADDITION          | Section    | 28: E/2 | NW/4                |               |                                        |
| •                 |            |         |                     |               |                                        |
|                   |            |         |                     |               | •                                      |
|                   |            |         |                     |               |                                        |

TOP

1549 1574 1528

CASE 5643: (m) EXTENSION OF AN EXISTING GAS POOL

| COUNTY               | Eddy        | POOL Nor                              | th Burton  | Flat-Atoka                            | ∹ହିତ୍ୟ ହେଇ ଜ<br><b>Gas</b> | a company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------|-------------|---------------------------------------|------------|---------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOWNSHIP             | 208         | RANGE                                 | 28E 1      | IMPM                                  |                            | <del>-</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                      |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6                    | 5           | 4                                     | 3-1-       | 2                                     | 1                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             |                                       | -          |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             |                                       |            | +                                     | <u></u>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7                    | 8 -         | 9                                     | 10 +       | 11                                    | 12                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             | 4. 4                                  |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                    | 2           |                                       |            |                                       |                            | <u>.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 18                   | 17          | 16                                    | 15-        | 14-                                   | 13-                        | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1                    |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             | (4)                                   |            |                                       |                            | ev                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 19                   | 20          | 21-                                   | 22         | 23                                    | 24                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             |                                       |            |                                       |                            | 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1 20                 | 1 1         |                                       |            |                                       | 25                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 30 +                 | 29          | 28                                    | 27         | 26                                    | 25                         | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                      |             |                                       |            |                                       |                            | in the second se |
|                      |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 31                   | 32          | 33                                    | 34         | 35                                    | 36                         | <i>:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                      |             |                                       |            |                                       | 48.5                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purpose:             | One comp    | oleted gas v                          | well capab | le of produ                           | cing.                      | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 0                    | 1           | T 029                                 | - #cII-    | t. S.T.R.                             | Comp.                      | Form. TOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operator<br>Cities S |             | Lease<br>L Co. Gov.7                  | ý ·        |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             | · · · · · · · · · · · · · · · · · · · |            |                                       | <del></del>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pool bou             | indary out. | lined in red                          | 1.         |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Proposed             | extension   | n outlined                            |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             | Section 13                            |            | · · · · · · · · · · · · · · · · · · · | <u> </u>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |             | ·                                     |            | Co                                    |                            | <del>-</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                      |             |                                       |            | 4.4                                   |                            | <del>-</del><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                      |             |                                       |            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

CASE 5643: (n) EXTENSION OF AN EXISTING GAS POOL

| COUNTY      | Eddy        | POOL Ca               | Dill Hake | Morrow Ga                                         |                                                    |                                                  |      |
|-------------|-------------|-----------------------|-----------|---------------------------------------------------|----------------------------------------------------|--------------------------------------------------|------|
| TOWNSHIP    | 215         | RANGE                 | 30E       | NMPM                                              | <del></del>                                        |                                                  |      |
| <b></b>     |             |                       |           |                                                   |                                                    |                                                  |      |
| 161         | 5           | 1-1-4-1               | 3-        | 1 2                                               | 1                                                  |                                                  |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
| } }         |             |                       |           |                                                   | 1 1                                                |                                                  |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
| See and the |             |                       |           |                                                   |                                                    |                                                  |      |
| 171         | 8 +         | 9-                    | 10        | - 11                                              | 11                                                 | 12                                               |      |
|             | 1           |                       |           | <del>                                      </del> | <del>        -   -   -   -   -   -   -   -  </del> |                                                  |      |
| <del></del> | <del></del> | <del>-1</del>         |           | <del>                                      </del> | +-+-                                               | <del>                                     </del> |      |
|             | 1           |                       |           | <del></del>                                       |                                                    | <del>   </del>                                   |      |
| +18+        | 17-         | 16                    | 15        | 14                                                |                                                    | -13                                              |      |
|             | 1           |                       |           |                                                   | -1-1-                                              |                                                  |      |
|             | 1 3         |                       |           |                                                   |                                                    |                                                  |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
| 10          | 20          |                       | .         |                                                   |                                                    |                                                  |      |
| 19          | 20          | 21                    | 22        | 23                                                |                                                    | 24                                               |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
|             | 1           |                       |           | 1-1-1-                                            |                                                    |                                                  |      |
|             | 1           | <del>- - - -</del>    |           | +                                                 | +                                                  | +                                                |      |
| 30          | 29          | 28                    | 27        | 26                                                |                                                    | 25                                               |      |
|             |             | <del>`</del> <b> </b> |           | 1-1-1-                                            |                                                    |                                                  |      |
|             | 1           | <del></del>           |           | <del> - - - -</del>                               |                                                    | <b>—</b>                                         |      |
|             | 1-1-1-1     |                       |           |                                                   |                                                    |                                                  |      |
| - 31-       | 32          | 33                    | 34-       | 1 1 15                                            | 5.5                                                | 6-                                               |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
|             |             |                       |           |                                                   |                                                    |                                                  |      |
| urpose:     | One comp    | leted gas             | well capa | able of pr                                        | oducin                                             | g.                                               |      |
| perator     | Lea         | Se                    |           | kUt. S.                                           | T.R.                                               | Comp.                                            | Form |
|             |             | ingston Ri            |           |                                                   |                                                    | 10-29-75                                         | Morr |
| TOP         |             |                       |           |                                                   |                                                    |                                                  |      |
| 3318'       | <del></del> |                       |           |                                                   |                                                    |                                                  |      |
| ·           |             | <del></del>           |           |                                                   |                                                    | * ,                                              |      |
|             |             |                       |           |                                                   | ,                                                  | 4.                                               |      |
|             |             | ined in re            |           |                                                   | 2*                                                 |                                                  |      |
| roposed     | extension   | outlined<br>Section 3 |           | <del></del>                                       |                                                    |                                                  |      |
|             |             | Section 3             |           | ·                                                 | ·.                                                 |                                                  |      |
|             |             |                       | , -       |                                                   |                                                    |                                                  |      |

CASE 5643: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY LÉA POOL CRUZ-DELAWARE

| TOWNSHIP      | 23 South                                         | RANGE 3                                          | 3 East                                | NMPM                                  | · · · · · · · · · · · · · · · · · · · |
|---------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
|               |                                                  |                                                  |                                       |                                       |                                       |
|               |                                                  |                                                  |                                       |                                       |                                       |
| 6             | 5                                                | 4                                                | 3-                                    | 2                                     | 1-1-1                                 |
|               |                                                  |                                                  |                                       |                                       |                                       |
|               | <del>                                     </del> | <del>                                     </del> |                                       |                                       |                                       |
|               | f <del></del>                                    |                                                  |                                       |                                       |                                       |
| 7             | 8                                                | <del>                                     </del> | 10                                    |                                       | 12                                    |
|               | <del></del>                                      | <del>                                     </del> |                                       | <del></del>                           | <del>- </del>                         |
| <del></del>   | <del> </del>                                     | <del>                                     </del> |                                       |                                       | 1111                                  |
|               |                                                  | <del>    -</del>                                 |                                       |                                       |                                       |
| 18            | 17-                                              | <del>                                     </del> | 15                                    | 14                                    | 13                                    |
|               |                                                  | <b>{--</b>                                       |                                       |                                       |                                       |
|               |                                                  | ╂╌┼╌┼╌                                           |                                       |                                       |                                       |
|               |                                                  |                                                  | _                                     |                                       |                                       |
|               | 20                                               | 21-                                              | 22                                    | 23                                    | 24                                    |
|               |                                                  |                                                  |                                       |                                       |                                       |
| :             | 4                                                |                                                  |                                       |                                       |                                       |
|               |                                                  |                                                  |                                       |                                       |                                       |
| 30            | 29                                               | 28 +                                             | 27                                    | 26                                    | 25                                    |
| 30 —          | 23                                               | 1 20 1                                           | 7                                     | 70 7                                  | 丁?丁门                                  |
|               |                                                  |                                                  |                                       |                                       |                                       |
|               |                                                  |                                                  |                                       |                                       |                                       |
|               |                                                  |                                                  |                                       |                                       |                                       |
| 31            | 32                                               | 33                                               | 34                                    | 35                                    | 36                                    |
|               |                                                  |                                                  |                                       |                                       |                                       |
| PURPOSE: One  | e completed                                      | oil woll ca                                      | nable of an                           | oducina                               | <u></u>                               |
|               |                                                  |                                                  |                                       | ed in Unit B 19-                      | 23-33                                 |
|               |                                                  |                                                  |                                       | r 9, 1975. Top                        |                                       |
| 5110'.        | the bertaliar                                    | C TOT III CTOIL                                  | on becembe                            | 1 3, 1373. 10p                        | or perior derons                      |
| Pool boundary | outlined i                                       | n vod                                            |                                       |                                       |                                       |
|               |                                                  |                                                  | 65                                    | OTION TO HEIA                         |                                       |
| Proposed poo  | extension                                        | outimed in                                       | green. SE                             | CTION 19: NE/4                        |                                       |
|               |                                                  |                                                  | · · · · · · · · · · · · · · · · · · · |                                       |                                       |
|               |                                                  |                                                  |                                       |                                       | *                                     |
|               |                                                  |                                                  |                                       | · · · · · · · · · · · · · · · · · · · |                                       |
|               |                                                  |                                                  |                                       |                                       |                                       |
| \$4           |                                                  |                                                  |                                       |                                       |                                       |
| •             |                                                  |                                                  | `                                     | <u> </u>                              |                                       |
|               | ····                                             |                                                  |                                       |                                       | :                                     |
|               |                                                  |                                                  | :                                     |                                       |                                       |

CASE 5643: (p) EXTENSION OF AN EXISTING OIL POOL -- continued on next page

| TOWNSHIP                                            | 21             | South                                            | RANGE          | 36                                               | 6 Eas                                            | t                 | NMPM                                             | ą.                                               | A Comment                                        | 5<br>r (                                         |
|-----------------------------------------------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| T                                                   | 7              |                                                  |                | T                                                | 11                                               |                   |                                                  |                                                  | 7                                                | $\Box$                                           |
| <del></del>                                         |                | 1-1-1-                                           |                |                                                  | 1 1                                              |                   |                                                  |                                                  |                                                  |                                                  |
| ╅╌╂╌┼                                               |                | <del>                                     </del> | 1-1-1          |                                                  | +-+                                              |                   | <del>                                     </del> |                                                  |                                                  |                                                  |
| 6                                                   |                | - 5                                              | 1-1-4          | 1                                                | <del>                                     </del> | - 3               |                                                  | - 2                                              | <del></del>                                      |                                                  |
| <del>-   -  </del>                                  |                | <del>                                     </del> | 1-1-1          |                                                  | 1                                                |                   | 1-1-                                             |                                                  |                                                  |                                                  |
|                                                     |                | <del>                                     </del> | 1-1-1          |                                                  | 1-1                                              | _                 | <del>                                     </del> |                                                  |                                                  |                                                  |
| ╂╌┼╌┤                                               |                | f - f - f                                        |                | -                                                | +-+                                              |                   |                                                  | <del></del>                                      | <del> </del>                                     |                                                  |
| +-+-}                                               |                | ++-+                                             |                |                                                  | +                                                |                   | <del>                                     </del> |                                                  | <b></b>                                          | $\vdash$                                         |
| 7                                                   |                | <del>  8  </del>                                 |                | <b>)</b> —                                       | 1-1                                              | - 10 -            | <del>                                     </del> | 11-                                              | 12 -                                             | -                                                |
|                                                     |                | <del>       </del>                               |                |                                                  | 1-1                                              |                   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |                                                  |
|                                                     |                | ++++                                             |                |                                                  | 1                                                |                   | ╂╼╂╼╌                                            |                                                  | ┠╼┼╼┼                                            | ; <del> </del>                                   |
|                                                     |                | +                                                |                |                                                  | +-                                               |                   | <del>                                     </del> | i                                                | <del>                                     </del> |                                                  |
| 18                                                  |                | 十17十                                             |                | 6 —                                              | -{}                                              | - 15 -            | <del>                                     </del> | 14-                                              | 13-                                              | -                                                |
|                                                     |                | <del> - - </del>                                 |                |                                                  | +-1                                              |                   | <del>                                     </del> |                                                  |                                                  | -                                                |
| +                                                   |                | +                                                | +              | $\vdash$                                         | -{{                                              |                   | <del>                                     </del> |                                                  | <del>}}</del>                                    | 177                                              |
|                                                     |                | <del> - -</del>                                  |                |                                                  |                                                  |                   | <del>                                     </del> | ╂╌╂╌┼╌                                           | <del>                                     </del> |                                                  |
| 19                                                  |                | +20+                                             |                | 1-                                               |                                                  | -22-              | -                                                | 23                                               | 24-                                              |                                                  |
|                                                     |                | 1-1-1-                                           |                | <del>  -</del>                                   |                                                  |                   | <del>                                     </del> |                                                  | <del>                                     </del> | 1                                                |
|                                                     |                | ++++                                             | <del>-  </del> |                                                  |                                                  | -                 | +                                                | <del></del>                                      | <del>                                     </del> | ╫┤                                               |
|                                                     |                | <del></del>                                      |                | <del>} - } -</del>                               | -                                                |                   | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | $\ \cdot\ $                                      |
| <b></b> 30                                          |                | <del> </del> 29                                  | 2              | 8-                                               |                                                  | - 27 -            | <del>                                     </del> | 26-                                              | 25-                                              | -                                                |
| <del></del>                                         |                | +                                                |                | <del>                                     </del> | +                                                | -                 | <del>                                     </del> |                                                  | <del>├</del> ── <b>/</b> ─                       |                                                  |
|                                                     |                | <del></del>                                      |                | +                                                | +                                                | ķ. — <del> </del> | +-+-                                             | <del>                                     </del> | -                                                |                                                  |
|                                                     |                | +                                                |                | <del>                                     </del> |                                                  |                   |                                                  | <del>                                     </del> | #                                                | <del>                                     </del> |
| 31                                                  |                | + 32 +                                           |                | 3-                                               | -                                                | -34-              | +                                                | 35-                                              | 36 –                                             |                                                  |
| <del>-  -  -  -  -  -  -  -  -  -  -  -  -  -</del> | <del>  -</del> | +++                                              |                | <del>                                     </del> |                                                  | }                 | ┼-┼-                                             | <del>                                     </del> | <b></b>                                          | -                                                |

PURPOSE: One completed oil well capable of producing.

Hanson Oil Corporation Kingwood Well #1 located in Unit J 25-21-36.

Completed in the Drinkard formation on June 18, 1975. Top of perforations 6636'.

Pool boundary outlined in red.

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

CASE 5643: (p) EXTENSION OF AN EXISTING ALL POOL Contd.

| COUNTY                | LEA                                              | That have   | POOL                                  | D             | RINKA                                  | RD Z          |                                                  |                                       | 187              |               |                         |
|-----------------------|--------------------------------------------------|-------------|---------------------------------------|---------------|----------------------------------------|---------------|--------------------------------------------------|---------------------------------------|------------------|---------------|-------------------------|
| T. WNSHI              | P 2                                              | 1 South     | RANGE                                 | 37            | East                                   |               | NMPM                                             | 4.                                    |                  |               |                         |
|                       |                                                  |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       | <del></del>                                      |             |                                       | -             | ╃┼                                     |               |                                                  |                                       |                  |               |                         |
| 6-                    | <del>                                     </del> | 5           |                                       | +             | 1                                      | - 3           |                                                  | F                                     |                  | -1 -<br>1     | +1                      |
|                       |                                                  |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       | -                                                |             |                                       |               | +                                      |               |                                                  |                                       |                  |               |                         |
| <b></b>               |                                                  |             |                                       |               | ++                                     |               |                                                  |                                       | _                |               | +                       |
| 7-                    |                                                  | 8-          | 1 9                                   | -             |                                        | - 10 -        |                                                  | - 11 -                                |                  | - 12 -        | 口                       |
|                       |                                                  |             |                                       |               |                                        |               |                                                  | 7                                     |                  | <b>-</b>      | $\downarrow \downarrow$ |
|                       | +                                                |             | - ye                                  |               |                                        |               |                                                  | $\left\{ -\right\} =\left\{ \right\}$ |                  |               |                         |
| 18-                   |                                                  | 17          | 1                                     | 6 —           |                                        | - 15 <u>-</u> |                                                  | 14                                    |                  | -13-          |                         |
|                       | (-                                               |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       | ╂-╂-                                             | ++          | +                                     | -             | -                                      |               |                                                  |                                       | <del>-   _</del> |               | ╁╌┨                     |
| 19-                   | <del>                                     </del> | 20 —        | <del>    2</del>                      | 1             | -                                      | - 22<br>      |                                                  | 23-                                   | _                | 44-           | +-1                     |
|                       |                                                  |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       |                                                  | 1.1-1-      |                                       | -             |                                        | _             | <b>├</b> - <b>├</b> -                            |                                       |                  |               | 1-1                     |
|                       | +                                                | 29-         | 2                                     | 8             |                                        | - 27 -        | <del>                                     </del> | 26                                    | -                | 45.           |                         |
|                       |                                                  |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       |                                                  |             |                                       |               |                                        |               |                                                  |                                       |                  | -             |                         |
| 31-                   | +                                                | 32          | +-+-:                                 | 33 +          | -                                      | -34-          |                                                  | 35-                                   |                  | -36           | +                       |
|                       |                                                  |             |                                       |               | V.5.                                   |               |                                                  |                                       |                  |               |                         |
| PURPOSE:              | To ta                                            | ake in ac   | reage s                               | urro          | unded                                  | by po         | ol.                                              |                                       |                  |               |                         |
| D. 311                |                                                  |             | ···                                   | B             |                                        | <del> </del>  |                                                  |                                       |                  |               |                         |
| Pool bour<br>Proposed |                                                  |             |                                       |               | n gree                                 | en. S         | ECTION                                           | 30:                                   | SW/4             |               | ·                       |
|                       |                                                  | <u> </u>    |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       |                                                  |             |                                       | <del></del> - | ······································ |               |                                                  |                                       | <del></del>      | <del></del> - |                         |
|                       | <del> </del>                                     | 15 - A.     | · · · · · · · · · · · · · · · · · · · |               | ······································ | <del></del>   | <del></del>                                      | t.                                    | ;`               |               |                         |
| <u> </u>              | ~ *~~                                            |             |                                       |               |                                        |               |                                                  |                                       |                  |               |                         |
|                       | -4-1.                                            |             |                                       |               |                                        | · · ·         |                                                  |                                       |                  |               |                         |
|                       |                                                  | <del></del> | <del></del>                           | <del></del> - | <del></del>                            |               |                                                  | <u> </u>                              | ·                | <del></del>   | ·                       |
|                       |                                                  |             |                                       |               |                                        |               |                                                  | Vinder .                              |                  |               |                         |

CASE 5643: (q) EXTENSION OF AN EXISTING GAS POOL

| TOWNSHIP     | 19 South              | RANGE                                            | 7.1. de.                              |               |                   |                   |             |                                                  |                        |
|--------------|-----------------------|--------------------------------------------------|---------------------------------------|---------------|-------------------|-------------------|-------------|--------------------------------------------------|------------------------|
|              |                       | ICANOD                                           | 34 East                               | ·<br>•        | NMPM              |                   |             |                                                  |                        |
| <del> </del> |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
| 6            | 5                     |                                                  |                                       | 3 <del></del> |                   | _ 2               |             | 1                                                |                        |
|              |                       | 4                                                | $\perp \parallel \parallel \parallel$ |               |                   |                   |             | <u> </u>                                         |                        |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  | Щ                      |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
|              | 8-                    |                                                  | 1 1                                   | - 10          |                   | - 11 -            |             | <br> -12-                                        | <u> </u>               |
|              |                       |                                                  |                                       | -1-1          |                   |                   |             | <del></del>                                      |                        |
|              |                       |                                                  |                                       | $\dashv$      |                   |                   | <b></b>     |                                                  | $\vdash$               |
|              |                       | <del></del>                                      | ╂╌╂╌┤                                 |               |                   |                   |             | <del>                                     </del> |                        |
| 18 +-        | 17-                   | 16                                               | <del>1i</del>                         | - 15 -        |                   | 14                | _           | -13-                                             | -                      |
|              |                       |                                                  | +                                     |               |                   |                   | _           |                                                  |                        |
|              |                       | <del>                                     </del> | <del>       </del>                    | · e           | $\dashv$          |                   |             | <del>                                     </del> | $\vdash \vdash \vdash$ |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
| 19           | 20                    | 21-                                              | 1-1-1                                 | - 22 -        |                   | - 23-+            |             | 24-                                              | $\Box$                 |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  | $\Box$                 |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
| 30           | 29                    | 28 -                                             |                                       | - 27 -        |                   | - 26 -            |             | 25-                                              |                        |
| 30           | 23                    | 20                                               |                                       |               |                   | 20                |             |                                                  |                        |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
|              |                       | 1     -                                          | 1-1-1                                 |               |                   |                   |             | <u> </u>                                         | _                      |
| 31           | 32                    | 33 -                                             | 1,1-1                                 | - 34-         |                   | - 35 <del>-</del> |             | - 36 -                                           | $\perp$                |
|              | <b>{</b>              |                                                  | +                                     |               |                   |                   |             |                                                  | $\vdash$               |
| IDDOCE 3 O   |                       |                                                  |                                       |               |                   |                   |             |                                                  | لـــا                  |
|              | completed Corporation |                                                  |                                       |               |                   |                   | - V 2       | 10 24                                            |                        |
|              | the Morrow            |                                                  |                                       |               | The second second |                   |             |                                                  |                        |
| 3,614'.      | CHC FIOTEON           | 301111011                                        | on bec                                | Cinder        | 17, 13.           | 75, 10            | pp or       | perior                                           | aci                    |
|              | outlined i            | n red.                                           |                                       |               |                   |                   | <del></del> | . 1                                              |                        |
|              | extension             |                                                  | in gree                               | n. SE         | CTION             | 3: A11            |             |                                                  |                        |
|              |                       | ·                                                |                                       |               |                   |                   |             |                                                  |                        |
|              |                       |                                                  |                                       |               |                   |                   |             |                                                  | •                      |
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|              |                       |                                                  |                                       |               |                   |                   |             |                                                  |                        |
|              |                       | f. g.                                            |                                       |               |                   |                   |             |                                                  |                        |
|              | 11                    |                                                  |                                       |               |                   |                   |             |                                                  |                        |

1.3

CASE 5643: (r) EXTENSION OF AN EXISTING OIL POOL

| TC | WN:             | SHIP                                             | , 2  | 21       | Sou          | t'n                                              |         | RAN                                              | GE       | 37           | 7 E          | ast         |              |             | NM       | IPM                                              |     |         |              |          |              |                                                  |    |
|----|-----------------|--------------------------------------------------|------|----------|--------------|--------------------------------------------------|---------|--------------------------------------------------|----------|--------------|--------------|-------------|--------------|-------------|----------|--------------------------------------------------|-----|---------|--------------|----------|--------------|--------------------------------------------------|----|
|    |                 |                                                  |      |          |              |                                                  | - 11    |                                                  |          |              |              |             |              |             |          |                                                  |     | -       |              |          |              |                                                  |    |
|    |                 |                                                  |      |          |              |                                                  |         |                                                  | l        |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
|    | L,              | 1<br>5 —                                         |      |          | L,           | J<br>5 —                                         |         |                                                  | <br>  4  | 1            |              |             |              | <br>3 —     |          |                                                  | _ ; | 2       |              |          |              | L                                                |    |
|    |                 | Ī                                                |      |          |              | ļ                                                |         |                                                  |          |              |              | _           | ]            |             |          |                                                  |     |         |              |          |              | <b></b>                                          |    |
|    |                 |                                                  |      |          | - ∤          | <b> </b>                                         |         |                                                  |          |              | 7            |             |              |             |          |                                                  |     |         |              |          | <u> </u>     |                                                  | ļ, |
| _  | <u> </u>        |                                                  | - Çi |          | +            |                                                  |         |                                                  |          |              |              |             |              | -           |          |                                                  |     |         |              | -        | <u> </u>     |                                                  |    |
|    |                 |                                                  |      |          | -            | -                                                |         |                                                  |          |              | -            |             |              |             |          |                                                  |     |         |              | -        |              |                                                  |    |
|    | -               | 7 —                                              |      | _        | -            | B -                                              |         |                                                  | _        | -            |              |             | - 1          | 0           |          |                                                  | - 1 | 1-      |              | -        | -1           | 2 —                                              | 70 |
|    | ├               | <del> </del>                                     |      | $\vdash$ | +=           | -                                                |         |                                                  |          | -            | -            | <b>├</b> ─~ |              |             | $\vdash$ |                                                  |     | l       | <del> </del> |          |              |                                                  |    |
| -  | -               |                                                  |      | ┢        | +            | ,,                                               |         |                                                  | $\vdash$ | ~            | -            |             |              |             |          |                                                  |     |         |              | -        | -            |                                                  |    |
|    |                 | <del>                                     </del> | -    |          | 1            | <del>                                     </del> | -       |                                                  |          | <del>-</del> | -            |             |              | <del></del> |          |                                                  |     |         |              |          |              | <u> </u>                                         |    |
|    | <del> </del>    | .8<br>i                                          |      |          | 十一           | .7 —<br>1                                        | <u></u> | ļ —                                              | -1       | 6 –<br>      |              |             | -1           | 5 –<br>     |          |                                                  | -1  | 4       |              |          | -1           | 3—<br>                                           |    |
|    |                 |                                                  |      |          |              |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
|    |                 |                                                  |      |          |              |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
|    |                 | <u> </u>                                         |      |          |              | ا<br>م                                           |         |                                                  | _ 2      | 1            | <u> </u>     |             | ر ا          | 2           |          |                                                  | - 2 | !<br>3— |              | _        | 2            | !<br>!4 —                                        | _  |
|    |                 |                                                  | _(   |          |              |                                                  |         |                                                  |          |              | L            |             |              | _           | <u> </u> |                                                  | L   | Ĭ       | _            |          |              | <u> </u>                                         |    |
| _  |                 | <u> </u>                                         |      | ļ.       | -            | <b> </b>                                         |         | _                                                |          |              |              | _           |              |             |          |                                                  |     |         | _            | <b> </b> |              | <u> </u>                                         |    |
|    | _               | <del> </del>                                     | ļ    | _        | <del> </del> | _                                                |         |                                                  | <u> </u> | -            | -            | -           | ├-           |             |          |                                                  |     | -       |              | _        | <del> </del> | <del> </del>                                     | _  |
|    | -               | ;<br>qr                                          |      | ┞        | + 2          | 9                                                | _       | <u> </u>                                         | -2       | 8 -          | <del> </del> | -           | ≥¹ <b>2</b>  | 7-          | -        |                                                  | - 2 | 6<br>—  | -            | -        | - 2          | 5 —                                              | _  |
|    | <u> </u>        | <u> </u>                                         | -    | ╂        | +-           | -                                                |         | ├                                                |          | -            | -            | -           |              | _           | -        | ļ                                                | -   |         | -            | -        | }            | <del> </del> -                                   | -  |
|    | -               | <del> </del>                                     | -    | ┪        | ╫            | -                                                | 7.      | <del>                                     </del> |          |              | -            | <b> -</b> - | <del> </del> | -           | ┼┤       | 7.                                               |     |         | -            | -        | -            | ┢                                                | -  |
|    | -               | +-                                               | -    | ╁        | +            |                                                  | -       | $\vdash$                                         |          | -            | $\vdash$     | $\vdash$    | 1-           | -           | <u> </u> | <del>                                     </del> | -   |         | $\vdash$     |          | <u> </u>     | <del>                                     </del> |    |
|    | <del> -</del> : | 31—<br>!                                         |      | ╁        | +3           | Î2 -                                             | _       | <del> </del>                                     | 一3       | 33<br>       | <u> </u>     | ╁           | 3            | 4-<br>      | <b> </b> | <del>                                     </del> | -3  | 5<br>I  |              | -        | 1-3          | <del>'6−</del><br>I                              |    |
|    |                 | 1                                                |      | L        |              |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
| ıR | POS             | E:                                               | 0n   | e (      | omp          | let                                              | ed      | oi l                                             | we       | 11           | cap          | abl         | e o          | fр          | rod      | uci                                              | iq. |         |              |          |              |                                                  |    |
|    |                 | enta                                             |      |          |              |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     | K       | of           | 21-      | 21-          | <del>37.</del>                                   |    |
|    |                 | ted                                              |      |          |              |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
| 9  | 4١.             |                                                  |      |          | **.<br>*.    |                                                  |         |                                                  |          |              |              |             |              |             |          |                                                  |     |         |              |          |              |                                                  |    |
| 0( | 1 b             | ound                                             | dar  | ý (      | ou <b>t1</b> | ine                                              | d i     | n r                                              | ed.      |              |              |             |              |             |          |                                                  |     |         |              |          |              | · · ·                                            |    |

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| COUNTY        | Eddy                      | POOL Red     | Lake-Pen    | nsylvania   | n Gas   |             |
|---------------|---------------------------|--------------|-------------|-------------|---------|-------------|
| TOWNSHIP      | 185                       | RANGE 26     | 5E          | NMPM        |         |             |
|               |                           |              |             |             |         |             |
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| Purpose       | at the                    | Z VI raragra | on (s) exit | ibi c.      |         | 7.          |
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| Propose       | ed extension<br>Section 2 |              | n blue.     |             |         |             |
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CASE 5643: (s) EXTENSION OF AN EXISTING GAS POOL (page 2)

|          | COU  | NTY      | Edd         | у              | ·                                                | PO   | OL_               | ⁄ Re                   | d La          | ke-          | Per | nsy         | lva           | nia          | n G       | as       |           |                |                |
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|          | Fur  | ose      | : T         | wo o           | comp                                             | lete | ed g              | jas                    | well          | ls c         | apa | able        | of            | pr           | ođu       | cir      | ıg.       |                | •              |
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|          | Ope1 |          |             | Le             |                                                  |      |                   |                        | #&U1          |              |     |             |               |              | mp.<br>-1 |          |           | orn            | ow 925         |
| ADDITION | Depo | on C     | orp.        | Re             |                                                  |      |                   |                        | n 1-<br>om 1- |              |     |             |               |              |           |          |           | 10T.T          | 921            |
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|          | Pool | l bo     | unda        | irv (          | out1                                             | inec | d ir              | ı re                   | ed .          | <del></del>  |     | <del></del> | ·             |              |           |          |           |                | <del></del> -  |
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|          | Prop | ose      | d ex        | ten            | sion                                             | out  | tlir              | ned                    | in l          | olue         | ··· |             |               | ···          |           |          | ····      |                | <del>_</del> · |
| ADDITION |      |          | Se          | ection         | on                                               | 6: 7 | A11               |                        |               |              |     |             |               |              |           |          |           |                | <del></del>    |
|          |      |          | Se          | ecti           | on 1                                             | 9: 1 | N/2               |                        |               | ~~~~         |     |             |               |              | ٠.        |          |           |                | —<br>— ,,,     |
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CASE 5643: (t) EXTENSION OF AN EXISTING OIL POOL

| COUNTY                                           | LEA                                                | POOL TO                | NTO - SEVE       | N RIVERS                                         |                  |
|--------------------------------------------------|----------------------------------------------------|------------------------|------------------|--------------------------------------------------|------------------|
| <b>rownshi</b> p                                 | 19 South                                           | RANGE 3                | 33 East          | NMPM                                             |                  |
|                                                  | 1 /                                                |                        |                  |                                                  |                  |
| 6-                                               | 5                                                  | 1 4                    | 3-               | 2                                                | 1 1 1            |
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| 19-                                              | 20                                                 | 21-                    | 22-              | 13-                                              |                  |
|                                                  | 20                                                 |                        | 1 4              |                                                  | 24               |
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| + 31-                                            | 32                                                 | 33                     | 34-              | 35                                               | 36               |
|                                                  |                                                    | 1-1-1-                 |                  |                                                  |                  |
| RPOSE:                                           | One completed                                      | oil well ca            | apable of p      | roducing.                                        |                  |
| lco Petr                                         | oleum Company                                      | La Rica Un             | it #1, loca      | ted in Unit L                                    | of Section 13-19 |
| npleted                                          | in the Seven F                                     | Rivers form            | ation on Dè      | cember 27, 197                                   |                  |
|                                                  | forations 3813                                     |                        |                  |                                                  | <                |
|                                                  | ary outlined                                       |                        | ٧,               |                                                  |                  |
| oposed p                                         | ool extension                                      | outlined in            |                  | ECTION 13: SW                                    |                  |
|                                                  |                                                    | <u> </u>               | <u> </u>         | ECTION 14: S/2                                   | •                |
|                                                  |                                                    |                        |                  | ·                                                |                  |
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TOWNSEND-STRAWN LEA COUNTY POOL TOWNSHIP RANGE NMPM 16 South 35 East 6 10 18 -17--16 -,**1**5 -14 20 -22 23 -19 24 -28 29 --27 26 - 25 -- 30 PURPOSE: One completed oil well capable of producing. Tri-Service Drilling Company Read State #1, located in Unit G of 4-16-35. Completed in the Strawn formation on December 8, 1975. Top of perforations 11,294'. Pool boundary outlined in red. Proposed pool extension outlined in green. 4: Lots 1, 2, 7, 8, 9, 10, 15 & 16, and SE/4

- CASE 5643: (v) EXTENSION OF AN EXISTING GAS POOL COUNTY Eddy -- continued on next page POOL White City-Pennsylvanian Gas TOWNSHIP **24**S RANGE 26E NMPM --6 8 9 <sub>(10</sub> - 11 --12 18 -16 15 14 13 19 20 21 24 30 29 28 27 26 32 33 34-35 Purpose: Two completed gas wells capable of producing. Operator Lease Corinne Grace #&Ut. S.T.R. White Baby Com 1-K 16-24-26 Comp. Mesa Pet.Co. Form. 11-30-75 1-F 3-25-26 12-31-75 Morrow 11260 11098

Pool boundary outlined in red. Proposed extension outlined in blue.

Section 16: All Section 34: AII

TOP

CASE 5643: (v) EXTENSION OF AN EXISTING GAS POOL Contd. (page 2)

| COUNTY        | Eddy                                             | POOL          |                                       | City-                                   | Pennsy                                           | lvan:       | ian G       | as                                               |
|---------------|--------------------------------------------------|---------------|---------------------------------------|-----------------------------------------|--------------------------------------------------|-------------|-------------|--------------------------------------------------|
| TOWNSHIP      | 25S                                              | RANGE         | ब्रह्म<br>2                           | 6E                                      | NMPM                                             |             | 6.25        |                                                  |
|               |                                                  |               |                                       |                                         |                                                  |             |             |                                                  |
|               |                                                  |               |                                       | 11                                      |                                                  |             |             |                                                  |
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| 19            | 20                                               | 2             | t t                                   | 22-                                     |                                                  | - 23-       |             | 24                                               |
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| 20            | 20                                               |               |                                       | 27                                      |                                                  | 26          |             | 25                                               |
| 30            | 29                                               | 2             | 8                                     | 27 –                                    |                                                  | - 26 -<br>I |             | 25                                               |
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|               |                                                  |               |                                       | 11, 1                                   |                                                  |             |             |                                                  |
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| 31            | 32                                               | 3             | 3                                     | 34-                                     |                                                  | - 35 -      |             | 36                                               |
|               | 1                                                | -1            |                                       |                                         | <b>  -</b>                                       |             |             |                                                  |
| Purpose:      | See exhil                                        | hit one       | ann der en el en                      | *************************************** | <u> </u>                                         | <u> </u>    |             | and the second second                            |
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| Dronogod      | extension                                        | outlin        | od 42                                 | hluo                                    | <del>`</del>                                     |             |             | <del></del>                                      |
| Proposed      |                                                  | 5.1           | ied III                               | Diue.                                   |                                                  | <del></del> |             |                                                  |
|               | Section 3                                        | : Al <u>a</u> |                                       | <del></del>                             |                                                  |             |             |                                                  |
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