CASE 3220:
SOUTHEASTERN NEW MEXICO NOMENCLATURE

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

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

> CASE NO. 3220 Order No. R-2879

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

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 17, 1965, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 25th day of March, 1965, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and subject matter thereof.
- (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Berry-Morrow Gas Pool. Said Berry-Morrow Gas Pool was discovered by Texaco Inc., Berry Unit No. 1, located in Unit N of Section 7, Town-ship 21 South, Range 34 East, NMPM. It was completed in Morrow on June 6, 1964. The top of perforations is 13,908 feet.

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- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Mcrrow formation, said pool to bear the designation of Osudo-Morrow Gas Pool. Said Osudo-Morrow Gas Pool was discovered by The British American Oil Producing Company, North Wilson Deep Unit No. 1, located in Unit O of Section 31, Township 20 South, Range 36 East, NMPM. It was completed in Morrow on November 22, 1964. The top of perforations is 11,353 feet.
- (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of South Wilson-Pennsylvanian Gas Pool. Said South Wilson-Pennsylvanian Gas Pool was discovered by Sinclair Oil & Gas Company, South Wilson Deep Unit Mo. 1, located in Unit L of Section 23, Township 21 South, Range 34 East, NMPM. It was completed in Morrow on March 4, 1964. The top of perforations is 12,642 feet.
- (5) That there is need for the contraction of the vertical limits of the South Tulk-Wolfcamp Pool in Lea County. New Mexico, to include only the Upper Wolfcamp formation with special vertical limits designated as being from 9,610 feet to 10,240 feet on the log of the Great Western Town No. 1, located 660 feet from the Worth line and 1980 feet from the West line of Section 18, Township 15 South, Range 35 East, MMPM. Further, to redesignate said pool as the South Tulk-Upper Wolfcamp Pool.
- (6) That there is need for certain extensions to the Cap-rock-Queen Pool in Chaves County, New Mexico, the North Bagley-Upper Pennsylvanian Pool, the Blinebry Oil Pool, the East Cap-rock-Devonian Pool, the Drinkard Pool, the Goodwin-Drinkard Pool, the Inbe-Pennsylvanian Pool, the West Kemnitz-Lower Wolf-camp Pool, the Mescalero-San Andres Pool, the Monument-Tubb Pool, the Sawyer-San Andres Gas Pool, the Tubb Gas Pool, and the Vacuum-Yates Gas Pool, all in Lea County, New Mexico, and the Bluitt-San Andres Gas Pool in Roosevelt County, New Mexico.

#### IT IS THEREFORE ORDERED:

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 7: S/2

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

## TOWNSHIP 20 SOUTH, RANGE 36 EAST, LIMPM SECTION 31: E/2

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

## TOWNSEIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 23: W/2

(d) That the North Bagley-Upper Pennsylvanian Pool in Lea County, New Maxico, as heretofore classified, defined, and described, is hereby extanded to include therein:

## TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 3: S/2 SW/4 SECTION 22: NW/4 and S/2 SE/4

SECTION 27: NE/4

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

## TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM SECTION 20: NW/4

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

# TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 9: N/2 SECTION 10: N/2 SECTION 11: NW/4

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

TOWNSHIP 12 SOUTH, RANGE 32 BAST, NMPM SECTION 23: NW/4

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

## TOWNSHIP 1.5 SOUTH, RANGE 31 EAST, NMPM SECTION 3: SE/4 and E/2 SW/4

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

## TOWNSHIP 21 SOUTH, RANGE 37 EAST, MMPM SECTION 19: N/2 NW/4

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

## TOWESHIP 18 SOUTH, RANGE 37 EAST, HMPM SECTION 30: SW/4

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

## TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 1: SM/4 SECTION 12: NW/4

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

## TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM SECTION 31: W/2 NW/4

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

#### TOWESHIP 10 SOUTH, RANGE 32 RAST, NMPM SECTION 26: NW/4 SECTION 27: E/2

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

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DOME at Santa Pe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL COMSERVATION COMMISSION

Suylon B. Hays, Member

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

COUNTY LEA POOL BERRY-MORROW GAS

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

| PURPOSE: One completed gas well capable of producing.                |
|--|
| TEXACO, INC Berry Unit #1 in Unit N of Section 7-21-34. Completed in |
| Morrow on June 6, 1964. Top of Perforations 13,908'.                 |
| Proposed pool boundary colored in red. SECTION 7: S/2                |
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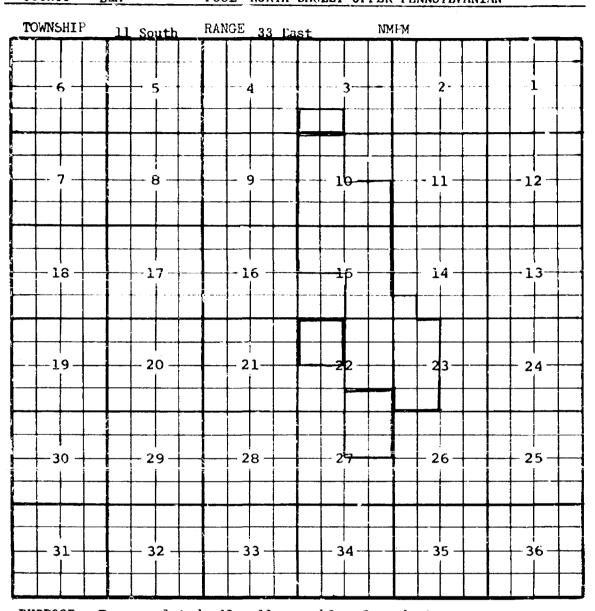
COUNTY LEA POOL OSUDO-MORROW GAS

| TOWNSHIF 20 South | RANGE 36 East | NMPM      |
|-------------------|---------------|-----------|
| 5-                | 3-            | 2- 1      |
| 7 - 8 -           | 9 10          | 11 -12    |
| 17                | 16 15         | 14 - 13 - |
| 19 20             | 21            | 23 24     |
| 30 - 29           | 28 27         | 26 25     |
| 3132              | 33 - 34 -     | 35 - 36 - |
|                   |               |           |

| PURPOSE: One completed gas well capable of producing.                   |
|---|
| THE BRITISH AMERICAN OIL PRODUCING COMPANY - North Wilson Deep Unit #1  |
| in Unit 0 of Section 31-20-36. Completed in Morrow on November 22, 1964 |
| Top of Perforations 11,353'.  |
| Proposed pool boundary colored in red. SECTION 31: E/2                  |
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CASE 3220: (c) CREATION OF A NEW GAS POOL

| COUNTY LI   |                     |                      |           |                 |        |      | NSYLV/ | MIAN  | GAS_ |        |             |
|---|---------------------|----------------------|-----------|-----------------|--------|------|--------|-------|------|--------|-------------|
| TOWNSHIP  | 21                  | South                | RANGE     | 34              | East   | N    | IMEM   |       |      |        |             |
| 6   |                     | 5                    | 4         |                 |        | 3    |        | 2.    |      | · - 1  |             |
| 7   |                     | - 8                  | 9         |                 | 1      | 0    |        | 11-   |      | -12-   |             |
| 18  |                     | -17                  | 16        | 5               |        | .5   |        | 14-   |      | -13-   |             |
| 19-   |                     | -20-                 | 2         | 1               | 2      | 22-  | -      | 23-   |      | 24-    |             |
| 30  |                     | - 29                 | 28        | 3               | 2      | 7    |        | 26-   | į    | 25-    |             |
| 31  |                     | - 32                 | 3         | 3               | 3      | 34-  |        | 35    |      | 36 -   |             |
| PURPOSE: (SINGLAIR OF Section 23-tions 12,64) Proposed po | L &<br>-21-<br>42'. | GAS (1.2)<br>34. Cor | (PANY ~ S | South<br>in Mor | Wilson | Deep | Unit   | #1 in | Тор  | of Per | <del></del> |
|   |                     |                      |           |                 |        |      |        |       |      |        |             |
|   |                     |                      |           |                 |        |      |        |       |      |        |             |



PURPOSE: Two completed oil wells capable of producing.

DEANE H. STOLTZ - State NBF #1 in Unit F of Section 22-11-33. Completed in Upper Pennsylvanian on December 13, 1964. Top of Perforations 9102'.

H. L. BROWN, JR. & W. J. HEATH - M.P.C. State #1 in Unit H of Section 27-11-33. Completed in Upper Pennsylvanian on December 18, 1964. Top of Perforations 9397's'.

ADDITION--CHARLES B. GILLESPIE, JR. - State "A" #1 in Unit N of Section 3-11-33. Completed in Upper Pennsylvanian on February 14, 1965. Top of Perforations 9552'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 22: NW/4 and S/2 SE/4 SECTION 27: NE/4

ADDITION----SECTION 3: S/2 SW/4

| ASE 3220: | (e)  | EXTENSI | POOL    | BLINEBRY                                   | 011.   |         |         |         | <del></del> 1 |   |
|-----------|------|---------|---------|--|--|---------|---------|---------|---------------|---|
| COUNTY    | LEA_ |         | _       |  |  | NMPM    | -       |         | 1.1           |   |
| TOWNSHIP  | 22 S | outh    | RANGE   | 38 Fast                                    |  |         | - 2.    | 1       |               |   |
|           | 30 - | - 5     | 0       | 4<br>-9<br>-16<br>-16<br>-21<br>-21<br>-28 | 10   | #       | -2      |         | -13           |   |
|           | 廿    | $\prod$ | ++      | 1  |  | 1-1-1   | ++      | +-      | 36            | 1 |
|           | 1    |         | ++      | 33   | ++   | 34-     |         | -35 +   | 1+++          | 1 |
| -         | - 31 | 1 6 1   | - 32 +  | 1-1-11                                     | ++   |         |         | اسلساء  | المسلسل       | · |
| +         | ++   |         |         | ed uil W                                   | alle car   | oable o | f_produ | cing.   | ion 20-22-38  |   |
| F         |      | G. : ^  | complet | ed uil W                                   | in the state of th | uan in  | unit D  | of Sect | 56591         |   |

PURPOSE: Two completed oil wells capable of producing.

TEXACO, INC. - A. H. Blinebry NCT-1 #10 in Unit D of Section 20-22-38.

Completed in Blinebry on January 23, 1965. Top of Perforations 56591.

TEXACO, INC. - A. H. Blinebry NCT-1 #20 in Unit E of Section 20-22-38.

Completed in Blinebry on January 5, 1965. Top of Perforations 56441.

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

CASE 3220: (f) EXTENSION OF AN EXISTING GAS POOL COUNTY ROOSEVELT POOL BUILTT-SAN ANDRES GAS

| TOWNSHIP | 8 South | RANGE | 37          | East | NMPM |    |          |
|----------|---------|-------|-------------|------|------|----|----------|
|          |         |       | -           |      |      |    |          |
| 6        | 5       | 4     | +           | 3-   |      | 2  | <u> </u> |
|          |         |       | <del></del> |      |      |    |          |
| 7        | 8       |       | +-          | 10   |      | 21 | 12       |
|          |         |       | -           |      |      |    |          |
| 18       | 17-     | 16    | 1           | 15-  |      | 14 | 13       |
|          |         |       |             |      |      |    |          |
|          |         |       | +-          |      |      |    |          |
| 19 +-    | 20      | 21    |             | 22-  |      | 23 | 24       |
|          |         |       |             |      |      |    |          |
| 30       | 29      | 28    |             | 27-  |      | 26 | 25       |
|          |         |       |             |      |      |    |          |
| 31-      | 32      | 33    | -           | 34-  |      | 35 | 36       |
|          |         |       |             |      |      |    |          |

PURPOSE: Two completed gas wells capable of producing.

BTA OIL PRODUCERS - Felmont C Ltd. #1 in Unit C of Section 9-8-37. Completed in San Andres on July 17, 1964. Top of Perforations 4410.

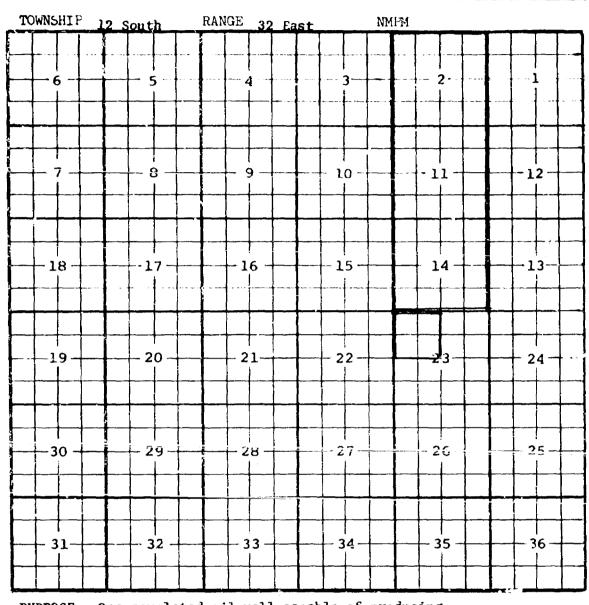
BTA OIL PRODUCERS - Perkins #1 in Unit F of Section 10-8-37. Completed in San Andres on May 4, 1964. Top of Perforations 4425.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 9: N/2

SECTION 10: 1/2

SECTION 11: NW/4



| PURPOSE: One completed oil well capable of producing.                 |
|---|
| CARPER DRILLING COMPANY, INC Soldier Hill State "AE" #1 in Unit C of  |
| Section 23-12-32. Completed in Devonian on May 15, 1964. Top of Perfo |
| rations 11,224'.  |
| Poul boundary colored in red.   |
| Proposed pool extension colored in green. SECTION 23: NW/4            |
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CASE 3220: (h) EXTENSION OF AN EXISTING OIL POOL

| COUNTY CHA   | VES          | POOL CAPRO                                       | CK-QUEEN      | · · · · · · · · · · · · · · · · · · · |               |
|--|--------------|--|---------------|---------------------------------------|---------------|
| TOWNSHIP   | 15 South     | RANGE 31 Ea                                      | st NM.        | PM.                                   |               |
|  |              |  |               |                                       |               |
| 1  | 5            |  |               | 2                                     |               |
|  |              |  |               |                                       | 111           |
|  |              |  |               |                                       |               |
|  |              |  |               |                                       |               |
|  | 8            | ++++   | 10            | 11                                    | -12           |
|  |              | +++-   |               |                                       |               |
|  |              |  |               |                                       |               |
|  |              |  |               |                                       |               |
| 18   | 17           | 16   | 15            | 14                                    | 13            |
|  |              |  |               |                                       |               |
|  |              |  |               |                                       |               |
| 19   | 20           | 21   | 22            | 23                                    | 24            |
|  |              |  |               |                                       |               |
|  |              |  |               |                                       |               |
|  |              |  |               |                                       |               |
| 30 +   | 29           | 28   | 27            | 25                                    | 25            |
|  |              | <del>                                     </del> |               |                                       |               |
|  |              |  | H             |                                       |               |
| 31   |              | 33   | 24            | 35                                    | 36            |
| 31   | 32 +         | 33   | 34            | 35                                    | 36            |
|  |              |  |               |                                       |               |
| PURPOSE:   | Two complete | d oil wells c                                    | apable of pro | oducing.                              |               |
|  |              |  |               |                                       | Section 3-15- |
| -  | -            | _  | -             | _                                     | ations 3154'. |
|  |              |  | -             |                                       | Section 3-15- |
| 31. Completed in Queen on January 31, 1965. Top of Perforations 3160:. Pool boundary colored in red. |              |  |               |                                       |               |
| root boundary colored in led.  |              |  |               |                                       |               |

PURPOSE: Two completed oil wells capable of producing.

TENNECO OIL COMPANY - USA Reno Oil Company #3 in Unit K of Section 3-15-31. Completed in Queen on January 21, 1965. Top of Perforations 3154'.

TENNECO OIL COMPANY - USA Reno Oil Company #4 in Unit N of Section 3-15-31. Completed in Queen on January 31, 1965. Top of Perforations 3160'. Pool boundary colored in red.

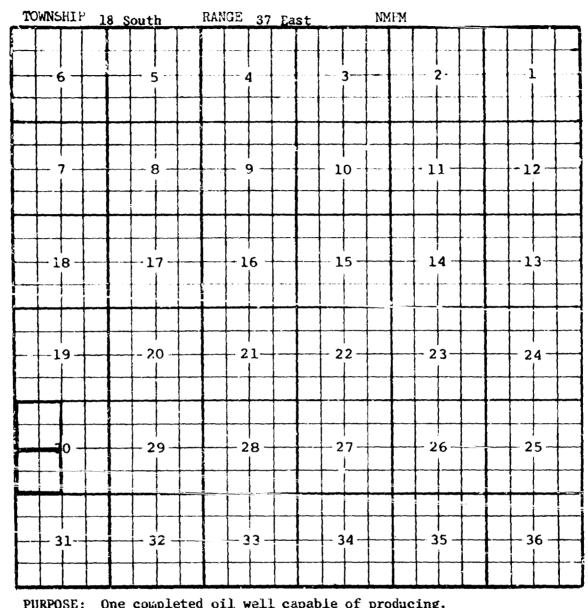
Proposed pool extensions colored in green. SECTION 3: SE/4 and E/2 SW/4

CASE 3220: (i) EXTENSION OF AN EXISTING OIL POOL COUNTY LEA POOL DRINKARD

| COUNTY   | LEA      | POOL  | DRINKARD |      |  |    |
|----------|----------|-------|----------|------|--|----|
| TOWNSHIP | 21 South | RANGE | 37 Cast  | N    | мем  |    |
|          |          |       |          |      |  |    |
| 6        | 5        |       |          | 3    | <b>┨</b> ╌┤╴ <u>┡</u> ╾┼                         | 1  |
|          |          |       |          |      | <del>                                     </del> |    |
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|          |          |       |          |      |  |    |
|          |          |       |          |      |  |    |
| 19       | 20       | 2     | ,        | - 22 | 23   | 24 |
|          |          |       | 1        | 22   | 23   | 24 |
|          |          |       |          |      |  |    |
|          |          |       |          |      |  |    |
| 1-30 +   | 29       | 2     | 8 8      | 27   | 26   | 25 |
|          | 1        | 1-1-1 |          |      |  |    |
|          | 1        |       |          |      |  |    |
| 31-      | 32       | 3     | 3        | 34-  | 35   | 36 |
|          |          |       |          |      |  |    |

| PURPOSE: One completed oil well capable of producing.                   |
|---|
| PENROSE PRODUCTION COMPANY - Sunshine State #1 in Unit C of Section 19- |
| 21-37. Completed in Drinkard on June 8, 1964. Top of Perforations       |
| 6658%.  |
| Pool boundary colored in red.   |
| Proposed pool extension colored in green. SECTION 19: N/2 NW/4          |
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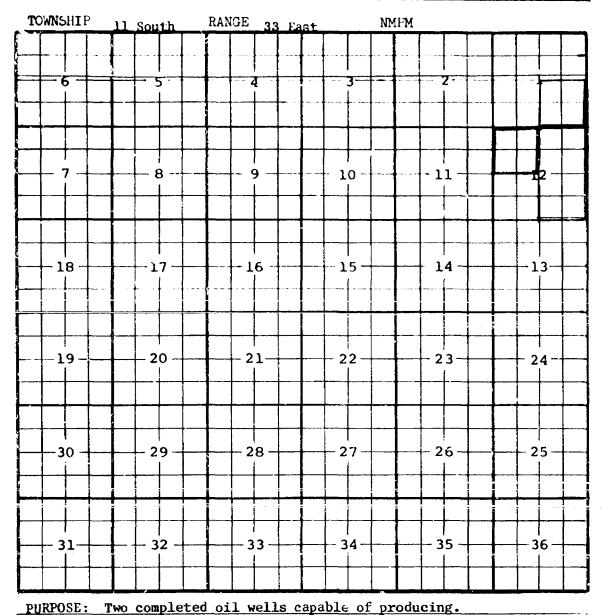
CASE 3220: (j) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL GOODWIN-DRINKARD



| FORFOOD. One completed oil well capable of producting.                  |
|---|
| CONTINENTAL OIL COMPANY - State GG-30 #3 in Unit N of Section 30-18-37. |
| Completed in Drinkard on January 3, 1965. Top of Perforations 6982.     |
| Pool boundary colored in red.   |
| Proposed pool extension colored in green. SECTION 30: SW/4              |
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COUNTY LEA

POOL INDE-PENNSYLVANIAN



SAM BOREN - Southern Natural Gas Company #1 in Unit I of Section 1-11-33.

Completed in Bough C on February 4, 1965. Top of Perforations 9690'.

SOUTHLAND ROYALTY COMPANY - Federal McKinley #1 in Unit O of Section 1
11-33. Completed in Bough C on January 17, 1964. Top of Perforations

9704'.

ADDITION--SOUTHLAND ROYALTY COMPANY - J. D. Guye #4 in Unit F of Section

12-11-33. Completed in Bough C on February 18, 1965. Top of

Perforations 9699'.

Pool boundary colored in red.

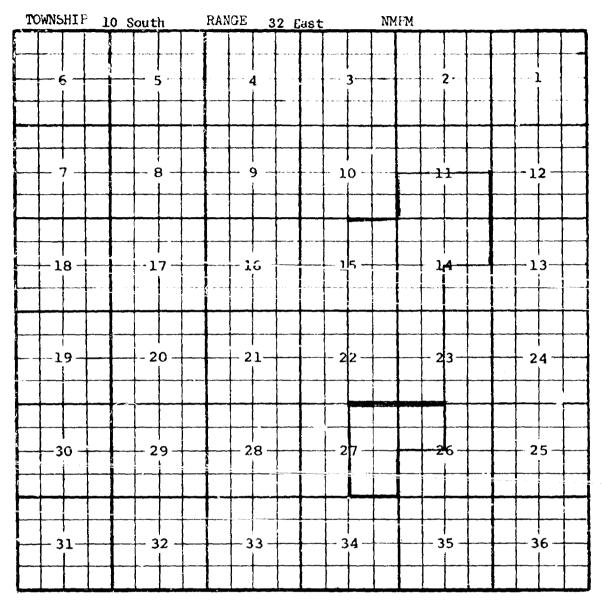
Proposed pool extensions colored in green. SECTION 1: SE/4

ADDITION--SECTION 12: NW/4

CASE 3220: (1) EXTENSION OF AN EXISTING OIL FOOL

|          |  | LEA_        | DATE:NO! |              |                 |             |               |          | OLECAME  | •     |              |  |
|----------|--|-------------|----------|--------------|-----------------|-------------|---------------|----------|--|-------|--------------|--|
| TO       |  | 16 So       |          | RANGE        |                 |             |               | NMPM     |  |       |              |  |
|          |  |             |          |              |                 |             |               |          |  |       |              |  |
|          | 6-   |             | . 5 -    | -            | 4               |             | 3             |          | 2.   |       | 1 1          |  |
|          |  | +           |          |              | +               |             |               |          | ļ  |       | <u> </u>     |  |
|          | <del>                                     </del> | 1           | ++-      |              |                 |             |               |          |  |       | <del> </del> |  |
|          | <del>                                     </del> | 1           | 1        |              | ++              |             |               |          |  | -     | <del> </del> |  |
|          | 7 1  |             | - 8 -    |              | 9 -             |             | 10 -          |          | - 11 -   |       | 12           |  |
| _        |  |             |          |              |                 |             |               |          |  |       |              |  |
| -        | }  |             |          | -            | +-+             |             |               |          |  |       | 1-1-         |  |
| }        | 18   | <b>-i</b> ⊦ | 17       | -            | 16 🕂            |             | 15-           | <b>-</b> | 14-  |       | 13-          |  |
| -        | <del>                                     </del> |             |          |              |                 |             |               |          | <u>                                     </u>     |       |              |  |
|          |  |             |          |              |                 |             |               |          |  |       |              |  |
| <u> </u> | 19-  | 1           | 20       |              | 21-             |             | - 22 -        |          | - 23-  |       | + 24 -       |  |
|          |  | 1           |          |              | ++              | _           |               |          |  |       | <del></del>  |  |
| }        | + + -  | +           | +        |              | +-+             |             |               |          | <del>                                     </del> |       | +            |  |
|          | 1 1  | 1           | ++       | <b>}</b>     | +++             |             | 27            |          | ++-  |       | +            |  |
|          | 30   |             | 29       |              | 28 <del> </del> |             | 27 –          |          | 26-  |       | 25 -         |  |
| er somme |  | 1           |          |              | 1 1             |             |               |          |  |       |              |  |
|          |  |             |          |              | +               |             | <b> </b>      |          |  |       |              |  |
| -        | 31-  |             | - 32 -   | <del> </del> | 33 -            | _           | 34            |          | 35 -   |       | 36 -         |  |
|          | † † †  |             |          |              |                 |             |               |          |  |       | 1-1-         |  |
| Pl       | IRPOSE:  | One c       | omplete  | loil         | well            | capal       | le of         | produc   | ing.   |       |              |  |
| DI       | elaware A  | PACHE       | CORPOR   | ATION        | - Ma            | ljama       | r Nort        | h Uni    | t #4 in  | Unit  | E of         |  |
|          | ection 3   |             | _        |              |                 |             |               | _        |  |       | 1954.        |  |
|          | op of Per<br>ool bound                           |             | _        |              |                 |             | <del></del> - |          |  |       | <del></del>  |  |
|          | roposed p  |             |          |              |                 | n gre       | en. S         | ECTIO    | N 31:  | W/2 N | W/4          |  |
|          |  |             |          |              |                 |             |               |          |  | •     |              |  |
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|          |  |             |          |              |                 |             |               |          |  |       |              |  |

COUNTY LEA POOL MESCALERO-SAN ANDRES



PURPOSE: Four completed oil wells capable of producing.

SUN CIL COMPANY - St. of New Mexico "E" #2 in Unit D of Section 26-10-32.

Completed in Sar Andres on January 1, 1965. Top of Perforations 4074;.

SUN OIL COMPANY - St. of New Mexico E #2 in Unit E of Section 26-10-32.

Completed in San Andres on January 19, 1965. Top of Perforations 4188!.

SUN OIL COMPANY - St. of New Mexico "E" #3 in Unit C of Section 26-10-32.

Completed in San Andres on February 4, 1965. Top of Perforations 4124!.

SUN OIL COMPANY - St. of New Mexico E #4 in Unit F of Section 26-10-32.

Completed in San Andres on February 26, 1965. Top of Perforations 4159!.

ADDITION--HUMBLE OIL & RFG. CO. - New Mexico St. #3 in Unit J of Section 27-10-32. Completed in San Andres on January 10, 1965. Top of Perforations 4050!.

Proposed pool extensions colored in green. SECTION 26: NW/4

ADDITION---SECTIC 27: E/2

CASE 3220: (n) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL MONUMENT-TUBB

| TOWNSHIP 20 Se | outh F  | ANGE | 37 Ea | st  | NMPM |         |              |
|----------------|---------|------|-------|-----|------|---------|--------------|
|                |         |      |       |     |      |         |              |
|                | - 5     | 4    |       |     | 2    | •       | -1-          |
|                |         |      |       |     |      |         |              |
|                |         |      |       |     |      |         |              |
| 7              | - 8 -   | 9    |       | 10  | 11   |         | 12           |
|                |         |      |       |     |      |         | ++-          |
|                |         |      |       | -   |      | +++     | +            |
| 18             | -17 + - | 1    |       | 15  | 14   |         | 13           |
|                |         |      |       |     |      |         | <del>-</del> |
|                |         | -    |       |     |      |         |              |
|                | 29      | 2    |       | 72  |      |         | +++-         |
| 19             | 29      |      | 1     | 22  | 23   |         | 24           |
|                |         | -    | 1     |     |      |         |              |
|                |         | ++   | -     |     |      |         |              |
| 30             | - 29    | 21   | 3     | 27- | 26   | 5       | 25           |
|                |         |      |       |     |      |         |              |
|                |         |      |       |     |      |         |              |
| 31             | 32      | 3    | 3     | 34- | 35   | 5 + + + | 36           |
|                |         | 1    |       |     |      |         |              |

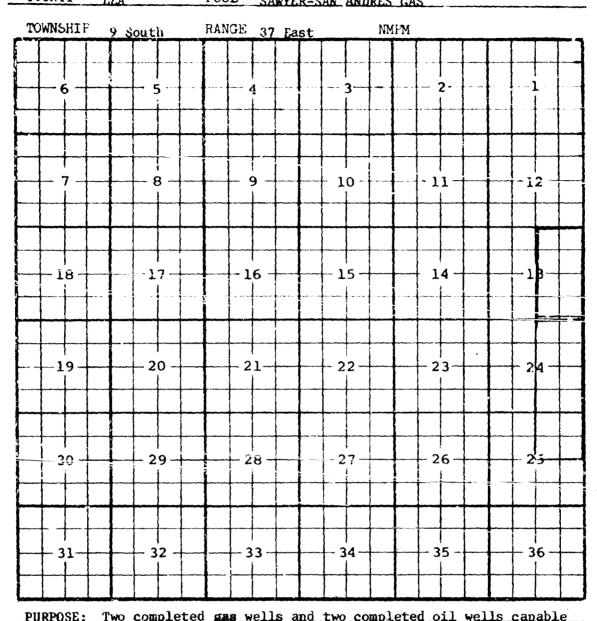
PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - SEMU Tubb #86 in Unit D of Section 14-20-37.

Completed in Tubb on December 23, 1964. Top of Perforations 6488.

Pool boundary colored in red.

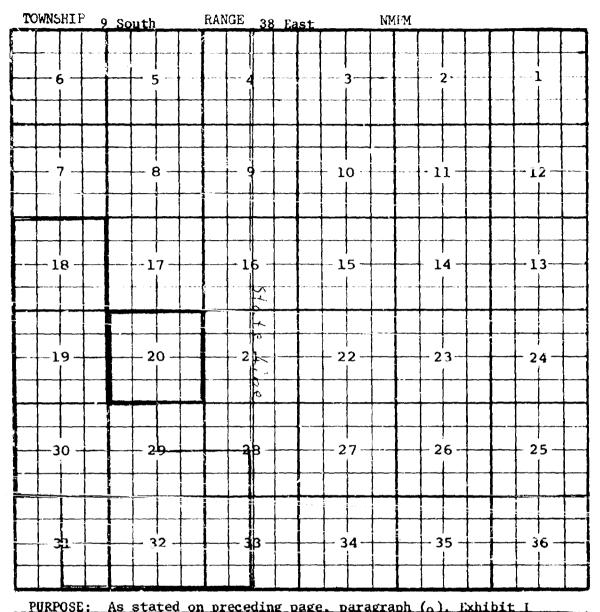
Proposed pool extension colored in green. SECTION 14: W/2 NW/4



| THIRDON'S THE SAME AND ASSESSED TO SAME AND ASSESSED TO SAME AND ASSESSED TO SAME ASSESSED. |
|---|
| of producing.   |
| WESTERN DRILLING COMPANY - Toles Federal #1 in Unit H of Section 13-9-37  |
| Completed in San Andres on July 16, 1961. Top of Perforations 4918.  Pool boundary colored in red.  |
| Proposed pool extension colored in green. SECTION 13: E/2   |
| •   |
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|   |

CASE 3220: (o) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY LEA POOL SAWYER-SAN ANDRES GAS



| JANAGON US STATES AN INTERNATIONAL TO IN |
|--|
| SOCONY MOBIL OIL COMPANY, INC Bell Federal #1 in Unit G of Section   |
| 20-9-38. Completed in San Andres on January 17, 1961. Top of Perfora-  |
| tions 49101.   |
| SOCONY MOBIL OIL COMPANY, INC Bell Federal #2 in Unit P of Section   |
| 20-9-38. Completed in San Andres on January 4, 1961. Top of Perforation  |
| 4877'.   |
| SOCONY MOBIL OIL COMPANY, INC Bell Federal #3 in Unit N of Section   |
| 20-9-38. Completed in San Andres on January 22, 1961. Top of Perfora-  |
| tions 4917'.   |
| Pool boundary colored in red.  |
| Proposed pool extension colored in green. SECTION 20: All  |
|  |
|  |

| 5     | 4  |   |  |       |
|-------|--|---|--|-------|
| 5     | - 4 - 1  |   |  | r 6 I |
| ├─┼─┼ |  |   | 2.   |       |
|       |  |   |  |       |
|       |  |   |  |       |
|       |  | 10  |  |       |
| 8     |  | 1.0   | 11   | 12    |
|       | $\blacksquare$                                   |   |  |       |
|       | $\mathbf{I}$                                     |   |  |       |
| 17    | 1 1 1 1  | 15  | 14   | 13-   |
|       | 12/  |   |  |       |
|       |  |   |  |       |
| 20    | 2  | 22  | 23   | 24    |
|       | 1 2  |   |  |       |
|       | 1 1 1 1  |   | ++++   |       |
| 30    |  | 27  | 1 1 1  | 25    |
| 29    | 40   | 2/  | 20   | 23    |
|       | <del>                                     </del> |   |  |       |
|       |  |   |  |       |
| 32    | <b></b>  | 34  | 35   | 36    |
|       |  |   |  |       |
|       | 29-  | 17 - 15 - 20 - 21 - 20 - 21 - 20 - 21 - 21 - 20 - 21 - 21 | 17 - 15 - 15 - 15 - 22 - 22 - 23 - 27 - 34 - 34 - 34 - 34 - 34 - 34 - 34 - 3 |       |

PURPOSE: One completed oi: well capable of producing.

TEXACO, INC. - A. H. Blinebry NCT-1 #20 in Unit E of Section 20-22-38.

Completed in Tubb on January 5, 1965. Top of Perforations 6204'.

ADDITION--TEXACO, INC. - A. H. Blinebry NCT-1 #16 in Unit L of Section 33-22-38. Completed in Tubb on April 27, 1964. Top of Perforations 6151'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 20: NW/4

ADDITION---SECTION 33: SW/4

CASE 3220: (q) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL VACUUM-YATES GAS

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

| PURPOSE: One completed gas well capable of producing.                   |
|---|
| PHILLIPS PETROLFUM COMPANY - M. E. Hale #11 in Unit K of Section 35-17- |
| 34. Completed in Yates on August 1, 1964. Top of Perforations 2997!     |
| Pool boundary colored in red.   |
| Proposed pool extension colored in green. SECTION 35: SW/4              |
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CASE 3220: (r) CONTRACTION OF VERTICAL LIMITS OF AN EXISTING OIL POOL AND

REDESIGNATED

SOUTH TULK-WOLFCAMP - REDESIGNATED

SOUTH TULK-UPPER WOLFCAMP

| CASE 3220:        | (r) | CONTRA                    | CTION OF<br>ICNATION | VERTIC<br>OF SAI | AL<br>D | P00  | L SOU   | TH.                                       | IULK: | -WOLE   | CAMP<br>SO                                       | UTH  | redesi<br>Tulk-l | JPPEF       | WOLF - |
|-------------------|-----|---------------------------|----------------------|------------------|---------|------|---------|---|-------|---|--|------|------------------|-------------|--------|
| COUNTY            | EÀ  |                           |                      |                  |         |      | N       | MYM                                       |       | _   |  | _    | M                |             |        |
| TOWNSHIP          | 15  | South                     | RANGE                | 35 E             | ast     | -    | T       |   |       |   | <del>                                     </del> | +    | +-1              |             |        |
| PIJR<br>SPI<br>10 | 9   | Contra forma VERTICA eet. |                      | 9 16 16 21 Top   | mil of  | ts_i | to inco | 7-34-34-3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | le on | 11 - 14 - 23 - 26 - 26 - 26 - 26 - 26 - 26 - 26 | is lipp  | er h | 36-<br>lolfca    | mp<br>nol a |        |
|                   |     |                           |                      |                  |         |      |         |   |       |   |  |      |                  |             |        |
|                   |     |                           |                      |                  | - '     |      |         |   |       |   |  |      |                  |             |        |

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

- a) CREATE A new-pool-in hea County, New Mexico, classified-as-a gas pool for Morrow production, designated as the Berry-Morrow Gas Paol, and described
  - TOWNSHIP 21 SOUTH, RANGE 34 EAST, MAPM SECTION 7: 8/2
- b) CREATE A new/pool in Lea County, New Mexico, classified as a gas pool for Morrow production, designated as the Osudo-Morrow Gas Pool, and described

c) CREATE A new pool in Lea County, New Moxies, classified as a gas pool. for Pennsylvanian production, designated as the South Wilson-Pennsylvanian Gas Pool, and described as:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 23: W/2

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

> TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  $\sqrt{\text{SECTION 22: }NW/4 \text{ and }S/2 \text{ SE}/4}$ SECTION 27: NE/4

- e) EXTEND the Blinebry Oil Pool in Lee County, New Mexico, include . therein:
  - TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM SECTION 20: NW/4
- f) EXTEND the Bluitt-San Andres Gas Pool in Roosevelt County, New Mexico. to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 9: N/2 SECTION 10: N/2 SECTION 11: NW/4

- g) EXTEND the East Caprock-Devonian Pool in Lea County, New Mexico, to include therein:
  - TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM SECTION 23: NW/4

-2- March, 1965 Nomene lature

h) EXTEND the Caprock-Queen Pool in-Chaves County, New Hexico, to include therein:

TOWNSHIP US SOUTH, RANGE 31 LAST, MITH SECTION 3: SE/4 and E/2 SW/4

i) EXTEND the Drinkard Poel in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, MAPM SECTION 19: N/2 N/4

j) EXTEND the Goodwin-Drinkard Pool in Lea County, New Mexico, to include thereir:

 $\sqrt{\frac{\text{TOWNSHIP 18 SOUTH, RANGE 37 EAST, MMPM}}{\text{SECTION 30: SW/4}}}$ 

k) EXTEND the Inbe-Pennsylvarian Pool<u>in Lea County, New Mexic</u>o, to include therein:

 $\sqrt{\frac{\text{TOWNSHIP II SOUTH, RANGE 33 EAST, NMPM}}{\text{STOTION II: SE/4}}}$ 

1) EXTEND the West Kemmitz-Lower Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, MAPM SECTION 31: W/2 NW/4

m) EXTEND the Mescalere-San Andres Pool in Lea County, Asw Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, MAPM SECTION 26: NW/4

n) EXTEND the Monument-Tubb Pool in Lea Gounty, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 MAST, NMPM SECTION 14: W/2 NW/4

o) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, MMPM SECTION 13: E/2

TOWNSHIP 9 SOUTH, RANGE 38 EAST, MMPM SECTION 20: All

p) EXTEND the Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM SECTION 20: NW/4

q) EXTEND the Vacuum-Yates Cas Pool in the County, New Maxico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, MAPM SECTION 35: SW/4

n) Contract the vertical limits of the South Tulkwolfcamp Pool in Con County Newsmap so to
include any the Upper wolfcamp formation
include any the Upper wolfcamp formation
from 9610 feet to 10,240 feet on the
ling of the Sweat Western Town bleel
No 1, located 660 feet from the hosth
line and 1980 feet from the wort
line and 1980 feet from the Wort
line of Section 18, Township 15 South,
Pune of Section 18, Township 15 South,
Range 35 East, Los County hen Mexico,
Further, to redesignate said
pool as the South Tulk-Upper
Walfamup Pool.

#### BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 17, 1965

REGULAR HEARING

IN THE MATTER OF:

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

Case No. 3220

BEFORE:

Honorable Jack M. Campbell Mr. A. L. "Pete" Porter Mr. Guyton B. Hays

TRANSCRIPT OF HEARING



PHONE 243-6691

1092

• P. O. BOX

1120 SIMMS BLDG.

MR. PORTER: The hearing will come to order, please. The Commission will take the nomenclature case first this morning. Case 3220.

MR. DURRETT: Southeastern New Mexico nomenclature case.

(Witness sworn.)

#### JOE D. RAMEY

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

### DIRECT EXAMINATION

### BY MR. DURRETT:

- Will you please state your name and position for the record?
- Joe D. Ramey, supervisor, District I, New Mexico Α Oil Conservation Commission.
- Are you the same Joe Ramey that is the author of the article that recently appeared in the World Oil?
- Yes. I'm sorry I didn't bring a copy along, I Α would have read it.
- Mr. Ramey, are you prepared to make a recommendation to the Commission concerning the creation, extension and contraction of certain pools in Lea, Chaves and Rocsevelt Counties, New Mexico?

Yes. Α



**BOX 1092** 

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

A Yes, I have.

(Whereupon, Southeastern New Mexico nomenclature Exhibit 1 was marked for identification.)

Q How is that marked?

A Southeastern New Mexico nomenclature Exhibit 1, paragraphs (a) through (r).

Q Is that substantially similar to the docket that has been prepared and distributed here today, Mr. Ramey?

A Yes, sir, with the exceptions of paragraphs (d), (k), (m) and (p).

Q Would you please point out the discrepancies or differences?

A In paragraph (d) we have an addition in Township 11 South, Range 33 East, Section 3, South Half of the Southwest Quarter. Paragraph (k) the addition is in Township 11 South, Range 33 East, Section 12, Northwest Quarter. Paragraph (m), Township 10 South, Range 32 East, Section 27, the East Half, and in paragraph (p), Township 22 South, Range 38 East, Section 33, the Southwest Quarter. The remainder is as indicated on the docket.

Q Would it be your recommendation that the creation and extension and contraction of the pools as shown on Exhibit 1



ALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENT

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691

be adopted by the Commission?

- A Yes, sir.
- Q Was Exhibit 1 prepared by you or under your supervision?
  - A Yes, sir.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit 1 and that will conclude my examination.

MR. PORTER: Without objection the exhibit will be

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

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

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

(Witness excused.)

MR. PORTER: The Commission will take the case under advisement.



SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY CGPY, CONVENTIONS

1120 SIMMS BLDG. 4 P. O. BOX 1092 4 PHONE 243-6691 4 ALBUQUERQUE, NEW MEXICO

INDEX

WITNESS

No. 1

PAGE

JOE D. RAMEY

Direct Examination by Mr. Durrett

|                     |        | OFFERED AND |
|---------------------|--------|-------------|
| EXHIBIT             | MARKED | ADMITTED    |
| Southeastern New    |        |             |
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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATE MENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS dearnley-meier roporting service, 180. 1120 SIMMS BLDG. . P. O. BCX 1092 . PHONE 243-6691 . ALBUQUERQUE, NEW MEXICO

STATE OF NEW MEXICO

I, ADA DEARNLEY, Notary Public in and for the County of COUNTY OF BERNALILLO ) Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability. Witness my Hand and Seal this 30th day of March, 1965.

My Commission Expires:

June 19, 1967.



#### NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE , NEW MEXICO

### REGISTER

| NAME:            | REPRESENTING:          | LOCATION:       |
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