

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF BARBER OIL INC. FOR SALT WATER DISPOSAL, EDDY COUNTY, NEW MEXICO CASE NO. 10772

#### PRE-HEARING STATEMENT

This pre-hearing statement is submitted by SNYDER RANCHES INC. as required by the Oil Conservation Division.

#### APPEARANCE OF PARTIES

APPLICANT

APPLICANT ATTORNEY

Barber Oil Inc.

William F. Carr, Esq. P. O. Box 2208 Santa Fe, New Mexico 87501

(505) 988-4421

OPPOSITION PARTY

ATTORNEY

Snyder Ranches Inc. P. O. Box 2158 Hobbs, New Mexico 88241 Attn: Larry C. Squires (505) 393-7544

W. Thomas Kellahin KELLAHIN AND KELLAHIN P.O. Box 2265 Santa Fe, NM 87504 (505) 982-4285 Pre-Hearing Statement Case No. 10772 Page 2

# STATEMENT OF CASE

### OPPOSITION PARTY:

Snyder Ranches Inc. is the owner of the "Woods Ranch" and has a domestic water well immediately adjacent to the Barber Oil Company's Stovall-Wood Well No 5 which is a shallow salt water disposal well and the subject of this application.

The subject salt water disposal well has contaminated the Woods Ranch domestic water well to such an extent that it can no longer be used for domestic or stock watering purposes.

The Division should deny the application of Barber Oil Company in order to prevent further contamination of the shallow ground water in this area.

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#### PROPOSED EVIDENCE

# OPPOSITION PARTY

WITNESSES

EST. TIME EXHIBITS

Tim E. Kelly (hydrogeologist) 60 min.

8-10 exhibits

# PROCEDURAL MATTERS

None applicable at this time.

KELLAHIN AND KELLAHIN

W. Thomas Kellahin

P.O. Box 2265 /

Santa Fe, New Mexico 87504

(505) 982-4285

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

| BEFORE EXAMINER | CATANACH   |
|-----------------|------------|
| OIL CONSERVATIO | N DIVISION |
| EXHIBIT NO      | _/_        |
| CASE NO. 10772  |            |

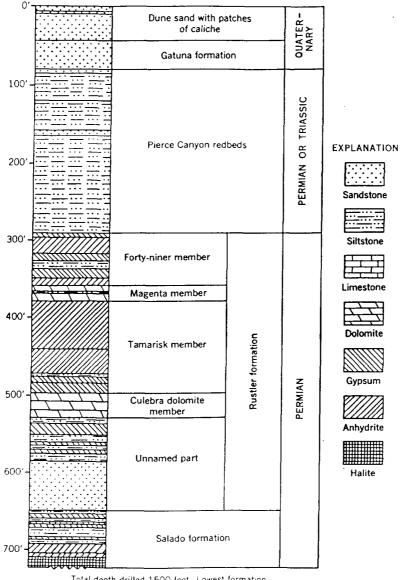
|                  | (             |  | O.          | L CONS            | FRVA:       | CASE NO.     | 10772                |                  |                 |
|------------------|---------------|--|-------------|-------------------|-------------|--------------|----------------------|------------------|-----------------|
| <u> </u>         | DISTRIBUTION  |  | •           |                   | . O. BOX    | O. (D. A)    | ED BY: SNYDER RANCHE | s                | Form C-10       |
| 144              | TA FE         | <del>                                     </del> |             |                   |             | HEARING      | DATE: NOVEMBER 4, 19 |                  | Revised 15      |
| 710              |               | <del>                                     </del> | •           | SANTA FI          | E, NEW      | M            |                      | -                |                 |
| <u> </u>         | .0.1.         |  |             |                   |             |              |                      | 1 Ty             | pe of Leuse     |
| <b>1</b>         | HO OFFICE     |  |             |                   |             |              |                      | State            | Fee             |
| 02               | RATOA         |  |             |                   |             |              |                      | 5. State Ott & C | ias Lease No.   |
| <del></del>      |               | <del></del>                                      |             |                   |             |              | 1                    |                  |                 |
| U                |               | SUNDR  | Y NOTICES   | AND REPO          | RTS ON Y    | ELLS         | MENT RESERVOIR.      |                  |                 |
| 1.               |               |  |             |                   |             | R            | ECETT                | 7. Unit Agreeme  | int Name        |
| WELL             | 6A8 WELL      |  | GTHER-      | Disposal          | Well        |              | ·                    | Barbe            | r               |
| 2. Name o        | Operator      |  | <del></del> |                   |             | <del></del>  | 1111 3'90            | 8. Farm or Lea   | se Hame         |
|                  | Barber        | - 011.   | Inc.        |                   |             |              | TIL 2 20             | Stovall-         | Wood Fee        |
| 3. Addres:       | s of Operator | ,  | 1201        |                   |             |              |                      | 9. Well No.      |                 |
|                  | P. O.         | Box 1  | 658 Carls   | had. NM           | 88221-1     | 658          | ن. ن. ن.<br>معالات   | Barber D         | isposal         |
| 4. Locatio       | on of Well    |  |             | <del>566, 1</del> |             |              | ARTESM. OFFICE       |                  | ool, or Wildeat |
| İ                | LETTERC       |  | 880         |                   | North       |              |                      | Barb             | er              |
| TIMP             | LETTER        |  | <u> </u>    | 780M THE          | MOLEN       | LIME AHO     | 1300 PEET PR         | mmm "            | $\tau mmm$      |
| THE.             | West          | 1E, SECTIO                                       |             |                   |             |              |                      |                  |                 |
| IIII             |               | IIIII  | 15. E       | levation (Shor    | w whether D | F, RT, GR, e | ic.)                 | 12. County       |                 |
| IIIIi            |               |  | /////       |                   |             |              |                      | Eddy             |                 |
| 16.              | (             | heck   | Annionriace | Box To Isc        | licare Na   | cure of No   | ctice, Report or C   | Icher Data       |                 |
|                  |               |  | TENTION T   |                   | 1           |              | •                    | NT REPORT OF     | F•              |
|                  | .,,           | - 0  |             | <b>.</b>          | ł           |              | 30032402             |                  | •               |
| 97 <b>9</b> 708W | REMEDIAL WORK |  |             | PLUG AND ABA      |             | REMEDIAL WO  |                      | ALTI             | DHIEAS DHIR     |
|                  | =             |  |             |                   |             |              |                      |                  |                 |
|                  | AILT ABANDON  |  |             |                   |             |              | ILLING OPHS.         | PLUG             |                 |
| PULL OR .        | ALTER CASING  |  |             | CHANGE PLANS      | <u> </u>    |              | &PC TH3M33 DHA       |                  |                 |
|                  | •             |  |             |                   |             | R3HT0        | ·                    |                  |                 |
| WTHE R           | ·             |  |             | <del></del>       | <u> </u>    |              |                      |                  |                 |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any pro-

JUNE, 1990 - This disposal well drilled in approximately 1943 to a depth of 227' to a "cut out section" of the Upper Rustler formation. The bottom of the this formation is approximately 415'. Ran 195' of 8-5/8" casing and set with 25 sax cement. The injection interval was from 195' - 207' or 12' total open hole. Surface water is at approx. 50' and the top of the nearest oil or gas zone is 1420'. In June of 1990 we began experienci: trouble with the well back flowing ver y slight amounts of water (less than 10 bbls) and the wells rate of intake began to decline. We ran a special hand made tool down the well bore and casing and cleaned out what appeared to be a combination of asphaltines, iron sulfide and parafin. We then pumped in 1,000 gallons of acid and flushed with 250 bbls of fresh water. The well improved for a few days and then the problem reappeared We then cleaned the well bore out to a depth of 115' and ran 128' of plastic schedule 80 6" pipe down the well until we were inside good casing. The last 13' of pipe had to be forced into the casing as the existing pipe was coated with "gunk". We then ran our tool back down the new casing and into the old casing and cleaned out the hole

| leaving a seal of gunk between t<br>since this procedure. We believ<br>successfully shut off all surfac<br>formation. Secondly, we replace<br>pipe at the top of the well with | he two pipes. The well has be<br>the procedure accopmlished to<br>the water that was previously do<br>do what was probably several jo | two things. First, we umping into the rustler pints of badley corroded |
|--|---|--|
| 18. I hereby certify that the Mormanton story is true and co   | mplete to the best of my knowledge and belief.  TITLE President   | DATE 7/3/90  |
| For Recard Only  | TITLE   | GATE   |

of the upper 725 feet of this core was used as a standard of reference for many of the stratigraphic units as they were mapped in the field. The core log is therefore reproduced below with minor modifications and shown graphically in figure 3.



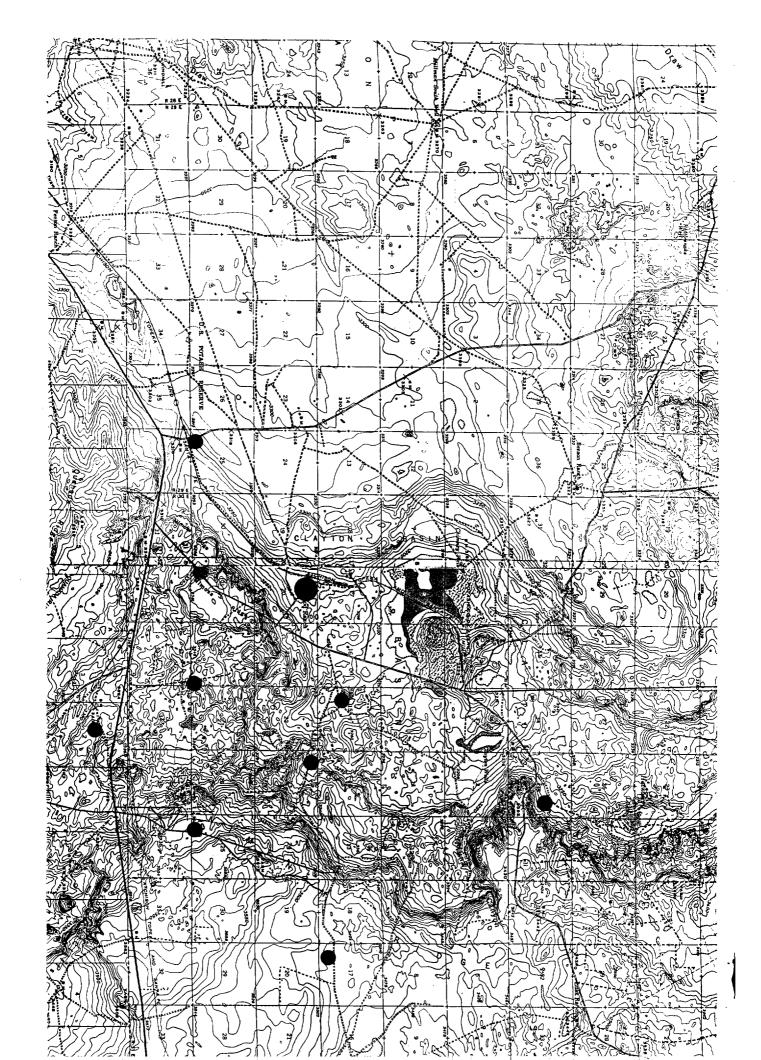
Total depth drilled 1500 feet. Lowest formation found was the Salado formation.

FIGURE 3.-Lithologic log of core from AEC drill hole 1, sec. 34, T. 23 S., R. 30 E.

BEFORE EXAMINER CATANACH
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MACR EXHIBIT NO. 3

CASE NO. 10772



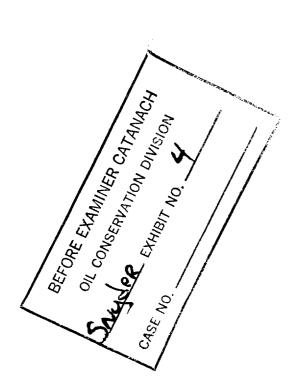


TABLE 1. RECORDS OF WELLS IN EDDY COUNTY, NEW MEXICO. (Continued)

|                    | OWNER            | DATE |                          | ALTITUDE                     | DEPTH                | DIAMETER            | PRINCIPAL WATER-BEARING BED |                      |
|--------------------|------------------|------|--------------------------|------------------------------|----------------------|---------------------|-----------------------------|----------------------|
| LOCATION<br>NUMBER | OR<br>NAME       | COM- | TOPOGRAPHIC<br>SITUATION | ABOVE SEA<br>LEVEL<br>(feet) | OF<br>WELL<br>(feet) | of well<br>(inches) | CHARACTER<br>OF MATERIAL    | GEOLOGIC<br>UNIT     |
| 20.28.36.140       | Dinwitty         | _    | Scanlon draw             | 3,210                        | _                    | 8                   | Redbeds,<br>gypsum (?)      | Rustler (?)          |
| 20.29.3.433        | -                | -    | Shallow<br>depression    | 3,300                        | -                    | 6                   | do.                         | Dockum or<br>Rustler |
| 20.30.3.223        | "Clayton Wells"  | _    | Clayton<br>basin         | 3,175                        | -                    | -                   | Sand and silt               | Quaternary           |
| 3.424              | do.              | _    | do.                      | 3,185                        | _                    | 6 (?)               | do.                         | do.                  |
| 5.310              | "Chimney Well"   | _    | do.                      | 3,184                        | _                    | - '                 | do.                         | do.                  |
| 16.420             |                  | _    | do.                      | 3,220                        | <u></u>              | 6                   | Redbeds (?)                 | Dockum (?)           |
| 20.120             | Wood Ranch       | _    | do.                      | 3,210                        | 90                   | 6                   | do. `´                      | do.                  |
| 20.130             | do.              | _    | do.                      | 3,210                        | 60                   | 7                   | do.                         | . do.                |
| 33.440             | ~                | _    | Rolling                  | 3,380                        | 240+                 | 9                   | do.                         | do.                  |
| 20.31.13.440       |                  |      | Williams<br>sink         | 3,450                        | - '                  | -                   | do.<br>do.                  | do.                  |
| 15.130             | ~                |      | do.                      | 3,450                        | 70 (?)               | 6                   |                             | do.                  |
| 16.240             | -                | _    | do.                      | 3,460                        | 110+                 | 6                   | do.                         | do.                  |
| 21.21.7.440        | Armstrong        | _    | _                        | 4,760                        | 1,300                | _                   | _                           | -                    |
| 36.213             | Frank McWilliams | 1941 | Draw                     | 4,550                        | 962                  | ·6                  | Limestone                   | San Andres (?)       |

See explanation at beginning of table.

|                    | WA'                       | WATER LEVEL            |                   |                      |                    |   |  |
|--------------------|---------------------------|------------------------|-------------------|----------------------|--------------------|---|--|
| LOCATION<br>NUMBER | EELOW LAND SURFACE (feet) | DATE OF<br>MEASUREMENT | YIELD<br>(g.p.m.) | METHOD<br>OF<br>LIFT | USE<br>OF<br>WATER | REMARKS   |  |
| 20.28.36.140       | 19.1                      | Dec. 27, 1948          | _                 | w                    | S                  |   |  |
| 20.29.3.433        | 91.9                      | Dec. 13, 1948          | -                 | W                    | S                  | See analysis, Table 3.  |  |
| 20.30.3.223        | 6.0                       | Dec. 23, 1948          |                   | W                    | S                  | do.   |  |
| 3.424              | 8.5                       | do.                    | _                 | W                    | S                  | do.   |  |
| 5.310              | 3.5                       | do.                    |                   | W                    | S                  |   |  |
| 16.420             | 29.9                      | May 1, 1950            |                   | w                    | S                  | See analysis, Table 3.  |  |
| 20.120             | 29.3                      | Dec. 22, 1948          | 5 E.              | W                    | D                  | Depth to water measured while pumping                         |  |
| 20.130             | 45.3                      | do.                    | _                 | W                    | D                  | do. See analysis, Table 3.                                    |  |
| 33.440             | 203.8                     | Dec. 27, 1948          | _                 | W                    | S                  | See analysis, Table 3.  |  |
| 20.31.13.440       | 45                        | Dec. 22, 1948          | 4 E.              | . W                  | S                  | do. ´   |  |
| 15.130             | 63.1                      | do.                    | _                 | W                    | S                  |   |  |
| 16.240             | 61.2                      | do.                    | 1 E.              | W                    | S                  | Depth to water measured while pumping. See analysis, Table 3. |  |
| 21.21.7.440        | 1,100                     | _                      | _                 | W                    | D & S              | · ·   |  |
| 36.213             | 942                       | _                      | _                 | w                    | S                  | Driller: T. Hillyer   |  |

See explanation at beginning of table.

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

ASE NO.

TABLE 3. CHEMICAL ANALYSES OF WATER FROM WELLS IN EDDY COUNTY, NEW MEXICO LOCATION NUMBERS CORRESPOND TO THOSE IN TABLE 1 Analyses by U. S. Geological Survey (Parts per million)

|   | PER-<br>CENT<br>SODIUM                            | - 1 4 1 1 1 1 4 5 1 1 8 8 8 2 1 1 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3   | 1     |
|---|---|---|-------|
|   | TOTAL<br>HARD-<br>NESS<br>AS<br>CaCO <sub>2</sub> | 22 23 2 23 2 23 2 23 2 23 2 23 2 23 2   | 1,110 |
|   | SOLUS<br>SOLVED                                   | 28 20 20 20 20 20 20 20 20 20 20 20 20 20   | 8,220 |
|   | NI-<br>TRATE<br>(NO <sub>2</sub> )                | 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | 89    |
| , | FLUO-<br>RIDE<br>(F)                              |   | ı     |
|   | CHLO-<br>RLDE<br>(Cl)                             | 24 88 88 88 88 88 88 88 88 88 88 88 88 88   | 785   |
| • | SUL-<br>PATE<br>(SO <sub>2</sub> )                | 338<br>138<br>138<br>138<br>138<br>138<br>138<br>138<br>138<br>138  | 1,190 |
| . | BICAR-<br>BONATE<br>(HCO <sub>2</sub> )           | 156<br>166<br>166<br>166<br>166<br>166<br>166<br>166<br>166<br>166  | TOS   |
| ) | SOBIUM AND POTAS- SIUM (Na+K)                     | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 101   |
|   | MAGNE-<br>SIUM<br>(Mg)                            | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200  | 244   |
|   | CAL-<br>CIUM<br>(Ca)                              | 109<br>106<br>106<br>106<br>106<br>106<br>108<br>108<br>108<br>108<br>108<br>108<br>108<br>108<br>108<br>108  | 707   |
|   | SILICA<br>(SiO <sub>2</sub> )                     |   |       |
|   | SPECIFIC CONDUCT- ANCE (MICROMHOS AT 25° C.)      | 948<br>948<br>948<br>948<br>948<br>948<br>948<br>948<br>948<br>948  | 2204  |
|   | DATE OF<br>COLLEC-<br>TION                        | 1-11-50<br>1-11-50<br>1-11-50<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-21-8<br>12-8<br>12  |       |
|   | LOCATION  | 16.21.82.20<br>17.24.42.20<br>17.27.11.110<br>17.27.11.110<br>17.27.21.1110<br>17.27.21.110<br>19.29.24.300<br>19.29.27.23<br>19.29.27.23<br>19.29.27.23<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>19.20.20<br>20.29.24.33<br>20.29.24.33<br>20.29.24.33<br>20.29.24.33<br>20.29.24.33<br>20.29.27.30<br>16.420<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.130<br>20.13 | -     |

| OIL CONSERVATION DIVISION  CASE NO. EXHIBIT NO. 6 |
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