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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**

**JUL 2 1979**

Form O-135  
Revised 1-10-68

|                                           |     |
|-------------------------------------------|-----|
| State <input checked="" type="checkbox"/> | Fee |
| E 4205                                    |     |

| 1. Name of Operator<br><b>C.E. LaRue and B. N. Muncy, Jr.</b>                                                                                                                                                                                                                                                                                                                                                                     |                               | 2. Name of Operator<br><b>2</b>                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------|------------------|---------------------|--------|-------------------|------|---------|-----------|------------|--------|-------|-------|--------|-----------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-----|--------|--------------|--------|------|-----------|------------|--|--|--|--|--|--------|-------|--|
| 3. Address of Operator<br><b>P.O. Box 196, Artesia, New Mexico 88210</b>                                                                                                                                                                                                                                                                                                                                                          |                               | 4. Location of Well<br><b>Indian Flats Delaware</b>                                                                                                                                                                                                |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 5. Type of Well<br><b>OIL WELL <input checked="" type="checkbox"/></b>                                                                                                                                                                                                                                                                                                                                                            |                               | 6. Type of Completion<br><b>NEW WELL <input type="checkbox"/></b>                                                                                                                                                                                  |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 7. Name of Operator<br><b>C.E. LaRue and B. N. Muncy, Jr.</b>                                                                                                                                                                                                                                                                                                                                                                     |                               | 8. Name of Operator<br><b>2</b>                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 9. Address of Operator<br><b>P.O. Box 196, Artesia, New Mexico 88210</b>                                                                                                                                                                                                                                                                                                                                                          |                               | 10. Location of Well<br><b>Indian Flats Delaware</b>                                                                                                                                                                                               |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 11. Unit Letter <b>F</b>                                                                                                                                                                                                                                                                                                                                                                                                          |                               | 12. Located <b>1650</b> Feet from the <b>North</b> Line and <b>1650</b> Feet from the <b>West</b> Line of Sec. <b>2</b> Twp. <b>22 S</b> Rge. <b>28 E</b>                                                                                          |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 13. Date Spudded<br><b>10/13/78</b>                                                                                                                                                                                                                                                                                                                                                                                               |                               | 14. Date T.D. Reached<br><b>10/28/78</b>                                                                                                                                                                                                           |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 15. Date Completed (Ready to Prod.)<br><b>10/29/78</b>                                                                                                                                                                                                                                                                                                                                                                            |                               | 16. Elevation (DB, FKB, RT, GR, etc.)<br><b>3156.4 GL</b>                                                                                                                                                                                          |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 17. Total Depth<br><b>3624'</b>                                                                                                                                                                                                                                                                                                                                                                                                   |                               | 18. Plug back T.D.<br><b>3624'</b>                                                                                                                                                                                                                 |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 19. Producing Interval(s) of this completion - To, Bottom, From<br><b>Delaware 3539-3545</b>                                                                                                                                                                                                                                                                                                                                      |                               | 20. Type Electric and Other Logs Run<br><b>Gamma Ray Neutron</b>                                                                                                                                                                                   |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 21. Casing Record (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                |                               | 22. Tubing Record                                                                                                                                                                                                                                  |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| <table border="1"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT L.B. FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>8-5/8"</td> <td>29#</td> <td>433'</td> <td>12-1/4"</td> <td>300 sacks</td> <td>circulated</td> </tr> <tr> <td>5-1/2"</td> <td>15.5#</td> <td>3624'</td> <td>7-7/8"</td> <td>300 sacks</td> <td></td> </tr> </tbody> </table> |                               | CASING SIZE                                                                                                                                                                                                                                        | WEIGHT L.B. FT.          | DEPTH SET        | HOLE SIZE                     | CEMENTING RECORD | AMOUNT PULLED       | 8-5/8" | 29#               | 433' | 12-1/4" | 300 sacks | circulated | 5-1/2" | 15.5# | 3624' | 7-7/8" | 300 sacks |  | <table border="1"> <thead> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2-3/8"</td> <td>3553'</td> <td></td> </tr> </tbody> </table> |  | SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |  |  |  |  |  | 2-3/8" | 3553' |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT L.B. FT.               | DEPTH SET                                                                                                                                                                                                                                          | HOLE SIZE                | CEMENTING RECORD | AMOUNT PULLED                 |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 8-5/8"                                                                                                                                                                                                                                                                                                                                                                                                                            | 29#                           | 433'                                                                                                                                                                                                                                               | 12-1/4"                  | 300 sacks        | circulated                    |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 5-1/2"                                                                                                                                                                                                                                                                                                                                                                                                                            | 15.5#                         | 3624'                                                                                                                                                                                                                                              | 7-7/8"                   | 300 sacks        |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                              | TOP                           | BOTTOM                                                                                                                                                                                                                                             | SACKS CEMENT             | SCREEN           | SIZE                          | DEPTH SET        | PACKER SET          |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |                                                                                                                                                                                                                                                    |                          |                  | 2-3/8"                        | 3553'            |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 23. Perforation Record (Interval, size and number)<br><b>2 SPF 3539-45</b>                                                                                                                                                                                                                                                                                                                                                        |                               | 24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                     |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | <table border="1"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>3539-3545</td> <td>500 gal 7-1/2% acid</td> </tr> <tr> <td></td> <td>1000 gal kerosene</td> </tr> </tbody> </table> |                          | DEPTH INTERVAL   | AMOUNT AND KIND MATERIAL USED | 3539-3545        | 500 gal 7-1/2% acid |        | 1000 gal kerosene |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| DEPTH INTERVAL                                                                                                                                                                                                                                                                                                                                                                                                                    | AMOUNT AND KIND MATERIAL USED |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 3539-3545                                                                                                                                                                                                                                                                                                                                                                                                                         | 500 gal 7-1/2% acid           |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1000 gal kerosene             |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 25. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| Date First Production<br><b>11-1-78</b>                                                                                                                                                                                                                                                                                                                                                                                           |                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Swab</b>                                                                                                                                                                 |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| Date of Test<br><b>11-2-78</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                               | Well Status (Prod. or Shut-in)<br><b>shut in</b>                                                                                                                                                                                                   |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| Hours Tested<br><b>12</b>                                                                                                                                                                                                                                                                                                                                                                                                         | Choke Size<br><b>2"</b>       | Flowing Rate<br><b>2</b>                                                                                                                                                                                                                           | Gas - MCF<br><b>TSTM</b> |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                                                                | Casing Pressure               | Water - BBL<br><b>40</b>                                                                                                                                                                                                                           | Gas - Oil Ratio          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | Oil Gravity - API (Corr.)<br><b>80</b>                                                                                                                                                                                                             |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 26. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                                                                                                                                        |                               | Test Witnessed By                                                                                                                                                                                                                                  |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 27. List of Attachments                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| 28. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.                                                                                                                                                                                                                                                                                           |                               |                                                                                                                                                                                                                                                    |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
| SIGNED <b>[Signature]</b>                                                                                                                                                                                                                                                                                                                                                                                                         |                               | TITLE <b>Operator</b>                                                                                                                                                                                                                              |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | DATE <b>6/29/79</b>                                                                                                                                                                                                                                |                          |                  |                               |                  |                     |        |                   |      |         |           |            |        |       |       |        |           |  |                                                                                                                                                                                                                                                                                                                      |  |      |     |        |              |        |      |           |            |  |  |  |  |  |        |       |  |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ days after the completion of any newly-drilled or deepened well. It shall be accompanied by \_\_\_\_\_ a copy of all electrical and resistivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured in feet. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 3a through 3d shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. (See Rule 115b.)

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____ 480'       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____ 1134'      | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quartz _____ |
| T. Glorieta _____        | T. McKee _____         | T. de Greenhorn _____       | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Bluebry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____ 2580  | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Pennian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____                |

3539

3552

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                                                                            |
|----------------------------------------------------------------------------|
| No. 1, from _____ 1200' _____ to _____ 1230 _____ feet. _____ flowed _____ |
| No. 2, from _____ to _____ feet. _____                                     |
| No. 3, from _____ to _____ feet. _____                                     |
| No. 4, from _____ to _____ feet. _____                                     |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation  | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------|------|----|-------------------|-----------|
| 0    | 431  | 431               | Shale      |      |    |                   |           |
| 431  | 480  | 49                | Anhydrite  |      |    |                   |           |
| 480  | 1134 | 654               | Salt       |      |    |                   |           |
| 1134 | 2164 | 1030              | Salt shale |      |    |                   |           |
| 2164 | 2627 | 463               | Anhydrite  |      |    |                   |           |
| 2627 | 2751 | 124               | Shale Lime |      |    |                   |           |
| 2751 | 3545 | 794               | Sand shale |      |    |                   |           |