

P O BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| OIL COMPLETION DIVISION                                                                                                                                                                                                                                                                                                                                               |  |                                                                                |  | P. O. BOX 2088<br>SANTA FE, NEW MEXICO 87501              |  | 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|
| DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                          |  | SANTA FE                                                                       |  | FILE                                                      |  | U.S.O.S.                                                                                             |  |
| LAND OFFICE                                                                                                                                                                                                                                                                                                                                                           |  | OPERATOR                                                                       |  | WELL COMPLETION OR RECOMPLETION REPORT AND LOG            |  |                                                                                                      |  |
| 1. TYPE OF WELL                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  | 7. Unit Agreement Name                                    |  |                                                                                                      |  |
| OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  |                                                                                |  | 8. Farm or Lease Name<br>Betty State                      |  |                                                                                                      |  |
| 2. Name of Operator<br>C. W. Trainer                                                                                                                                                                                                                                                                                                                                  |  |                                                                                |  | 9. Well No.<br>1                                          |  |                                                                                                      |  |
| 3. Address of Operator<br>c/o Oil Reports & Gas Services, Inc., Box 755, Hobbs, NM 88241                                                                                                                                                                                                                                                                              |  |                                                                                |  | 10. Field and Pool, or Wildcat<br>No. Vacuum Atoka-Morrow |  |                                                                                                      |  |
| 4. Location of Well                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                |  | 12. County<br>Lea                                         |  |                                                                                                      |  |
| UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>17S</u> RGE. <u>35E</u> NMMPM                                                                                                                                                                                            |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| 15. Date Spudded<br>1/10/88                                                                                                                                                                                                                                                                                                                                           |  | 16. Date T.D. Reached<br>2/11/88                                               |  | 17. Date Compl. (Ready to Prod.)<br>2/20/88               |  | 18. Elevations (DF, RAB, RT, GR, etc.)<br>3983.3 KB                                                  |  |
| 20. Total Depth<br>12,150                                                                                                                                                                                                                                                                                                                                             |  | 21. Plug Back T.D.<br>12,121                                                   |  | 22. If Multiple Compl., How Many                          |  | 23. Intervals Drilled By<br>Rotary Tools<br>0-TD                                                     |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>12,006 - 12,021 Atoka                                                                                                                                                                                                                                                                            |  |                                                                                |  |                                                           |  | 25. Was Directional Survey Made<br>No                                                                |  |
| 26. Type Electric and Other Logs Run<br>Compensated Nuetron, Density, Dual Induction                                                                                                                                                                                                                                                                                  |  |                                                                                |  |                                                           |  | 27. Was Well Cored<br>No                                                                             |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                    |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                           |  | WEIGHT LB./FT.                                                                 |  | DEPTH SET                                                 |  | HOLE SIZE                                                                                            |  |
| 13 3/8                                                                                                                                                                                                                                                                                                                                                                |  | 48#                                                                            |  | 494                                                       |  | 17 1/2                                                                                               |  |
| 8 5/8                                                                                                                                                                                                                                                                                                                                                                 |  | 24# & 32#                                                                      |  | 4914                                                      |  | 11                                                                                                   |  |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                 |  | 17#                                                                            |  | 12150                                                     |  | 7 7/8                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                |  | 30. TUBING RECORD                                         |  |                                                                                                      |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                  |  | TOP                                                                            |  | BOTTOM                                                    |  | PACKER SET                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  | 11,922                                                                                               |  |
| 31. Perforation Record (Interval, size and number)<br>12,006 - 12,021 32 shots                                                                                                                                                                                                                                                                                        |  |                                                                                |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.            |  |                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  | DEPTH INTERVAL                                            |  |                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  | AMOUNT AND KIND MATERIAL USED<br>None                     |  |                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  |                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  |                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| Date First Production<br>2/20/88                                                                                                                                                                                                                                                                                                                                      |  | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |  |                                                           |  | Well Status (Prod. or Shut-in)<br>Producing                                                          |  |
| Date of Test<br>3/3/88                                                                                                                                                                                                                                                                                                                                                |  | Hours Tested<br>1                                                              |  | Choke Size<br>14/64                                       |  | Prod'n. For Test Period                                                                              |  |
| Flow Tubing Press.<br>870#                                                                                                                                                                                                                                                                                                                                            |  | Casing Pressure<br>Pkr                                                         |  | Calculated 24-Hour Rate                                   |  | Oil - Bbl.<br>None                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  | Gas - MCF<br>1030                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  | Water - Bbl.<br>None                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  | Oil Gravity - API (Corr.)                                                                            |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                    |  |                                                                                |  |                                                           |  | Test Witnessed By<br>Gene Lee                                                                        |  |
| 35. List of Attachments<br>None                                                                                                                                                                                                                                                                                                                                       |  |                                                                                |  |                                                           |  |                                                                                                      |  |
| 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 <u>Blanche Hall</u>                                                                                                                                                                                                                                                                                                                                            |  |                                                                                |  | TITLE <u>Agent</u>                                        |  | DATE <u>3-8-88</u>                                                                                   |  |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 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 1495.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                   | Northwestern New Mexico |                   |
|-------------------------|-------------------|-------------------------|-------------------|
| T. Anhy 1835            | T. Canyon         | T. Ojo Alamo            | T. Penn. "B"      |
| T. Salt                 | T. Strawn 11,508  | T. Kirtland-Fruitland   | T. Penn. "C"      |
| B. Salt                 | T. Atoka 11,860   | 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 4005        | T. Montoya        | T. Mancos               | T. McCracken      |
| T. San Andres 4555      | T. Simpson        | T. Gallup               | T. Ignacio Quartz |
| T. Glorieta 6300        | T. McKee          | Base Greenhorn          | T. Granite        |
| T. Paddock              | T. Ellenburger    | T. Dakota               |                   |
| T. Blinbry              | T. Gr. Wash       | T. Morrison             |                   |
| T. Tubb 7835            | T. Granite        | T. Todilto              |                   |
| T. Drinkard             | T. Delaware Sand  | T. Entrada              |                   |
| T. Abo 8390             | T. Bone Springs   | T. Wingate              |                   |
| T. Wolfcamp             | T. Clearfork 7035 | T. Chinle               |                   |
| T. Penn.                | T. Hueco 9635     | T. Permian              |                   |
| T. Cisco (Bough C)      | T. Morrow 12060   | T. Penn. "A"            |                   |

| OIL OR GAS SANDS OR ZONES    |                |
|------------------------------|----------------|
| No. 1, from 12,006 to 12,021 | 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 None Logged to feet |
| 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     | 494   | 494               | Surface Sands & Red Beds |      |    |                   |           |
| 494   | 1851  | 1357              | Redbed & Anhydrite       |      |    |                   |           |
| 1851  | 2710  | 859               | Salt & Anhydrite         |      |    |                   |           |
| 2710  | 3275  | 565               | Lime & Anhydrite         |      |    |                   |           |
| 3275  | 3586  | 311               | Lime                     |      |    |                   |           |
| 3586  | 5150  | 1564              | Lime & Dolomite          |      |    |                   |           |
| 5150  | 6740  | 1590              | Dolomite                 |      |    |                   |           |
| 6740  | 6780  | 40                | Dolomite & Sand          |      |    |                   |           |
| 6780  | 8620  | 1840              | Dolomite                 |      |    |                   |           |
| 8620  | 9600  | 980               | Dolomite & Shale         |      |    |                   |           |
| 9600  | 9700  | 100               | Dolomite & Lime          |      |    |                   |           |
| 9700  | 10120 | 420               | Lime                     |      |    |                   |           |
| 10120 | 10640 | 520               | Lime & Shale             |      |    |                   |           |
| 10640 | 10800 | 160               | Lime                     |      |    |                   |           |
| 10800 | 11690 | 890               | Lime Shale               |      |    |                   |           |
| 11690 | 12150 | 460               | Lime, Shale & Sand       |      |    |                   |           |

RECEIVED  
MAR 8 - 1988  
OCD  
HOBBS OFFICE