

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

4/51  
B20m  
Bryant

APR 2 '90

|                                                                                                     |                                         |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------|
| WELL API NO.<br>30-005-62734                                                                        |                                         |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |                                         |
| 6. State Oil & Gas Lease No.                                                                        |                                         |
| 7. Lease Name or Unit Agreement Name<br>Mesquite Tank                                               |                                         |
| 8. Well No.<br>1                                                                                    | 9. Pool name or Wildcat<br>WC - Devoian |

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|                                                                                                                                                                                                                                                 |                                  |                                                       |                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> ARTESIA, OFFICE                                                                 |                                  | 7. Lease Name or Unit Agreement Name<br>Mesquite Tank |                                                                                                                   |
| b. Type of Completion:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIRT RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> |                                  | 8. Well No.<br>1                                      |                                                                                                                   |
| 2. Name of Operator<br>Fred Pool drilling, Inc. /                                                                                                                                                                                               |                                  | 9. Pool name or Wildcat<br>WC - Devoian               |                                                                                                                   |
| 3. Address of Operator<br>P.O. Box 1393, Roswell, N.M. 88201                                                                                                                                                                                    |                                  |                                                       |                                                                                                                   |
| 4. Well Location<br>Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line<br>Section <u>29</u> Township <u>11S</u> Range <u>28E</u> NMFM <u>Chaves</u> County                         |                                  |                                                       |                                                                                                                   |
| 10. Date Spudded<br>12-17-89                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>1-15-90 | 12. Date Compl. (Ready to Prod.)<br>3-20-90           | 13. Elevations (DF & RKB, RT, GR, etc.)<br>Gr 3729'                                                               |
| 14. Elev. Casinghead<br>3729                                                                                                                                                                                                                    |                                  |                                                       |                                                                                                                   |
| 15. Total Depth<br>7375'                                                                                                                                                                                                                        | 16. Plug Back T.D.<br>7326       | 17. If Multiple Compl. How Many Zones?<br>No          | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>7286-88 5shots Fusselman                                                                                                                                                   |                                  |                                                       | 20. Was Directional Survey Made<br>No                                                                             |
| 21. Type Electric and Other Logs Run<br>CNL-FDC; DLL-MSFS                                                                                                                                                                                       |                                  |                                                       | 22. Was Well Cored<br>No                                                                                          |

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 8 5/8       | 24#           | 2389      | 12 1/2    | 1200 sx Hal Lite | circ.         |
| 5 1/2       | 17#           | 7375'     | 7 7/8     | 600 sx 50/50 POZ | circ.         |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8         | 7242      | No         |
|              |     |        |              |        |               |           |            |

|                                                                        |                                                 |                               |
|------------------------------------------------------------------------|-------------------------------------------------|-------------------------------|
| 26. Perforation record (interval, size, and number)<br>7286-88 5 shots | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|                                                                        | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|                                                                        | 7286-88                                         | 1000 gal. 15% acid            |

**PRODUCTION**

|                                                                      |                       |                                                                                                   |                              |                 |                    |                                             |                       |
|----------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------|------------------------------|-----------------|--------------------|---------------------------------------------|-----------------------|
| 28. Date First Production<br>3-29-90                                 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 24 x 1 3/4 x 2 1/2 |                              |                 |                    | Well Status (Prod. or Shut-in)<br>Producing |                       |
| Date of Test<br>3-29-90                                              | Hours Tested<br>24    | Choke Size<br>NA                                                                                  | Prod n For Test Period<br>52 | Oil - Bbl.<br>5 | Gas - MCF<br>96    | Water - Bbl.<br>45                          | Gas - Oil Ratio<br>96 |
| Flow Tubing Press.<br>NA                                             | Casing Pressure<br>30 | Calculated 24-Hour Rate<br>52                                                                     | Oil - Bbl.<br>5              | Gas - MCF<br>96 | Water - Bbl.<br>45 | Oil Gravity - API - (Corr.)<br>45           |                       |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>vented |                       |                                                                                                   |                              |                 |                    | Test Witnessed By<br>Fred Pool, III         |                       |

30. List Attachments  
logs, Dev. Survey

31. 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

Signature Fred Pool Printed Name Penta Pool Title Vice President Date 4-2-90

# 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 radio-activity 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 25 through 29 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 1105.

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

### Southeastern New Mexico

T. Anhy \_\_\_\_\_  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates 357  
 T. 7 Rivers 466  
 T. Queen 1034  
 T. Grayburg \_\_\_\_\_  
 T. San Andres 1573  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinbry \_\_\_\_\_  
 T. Tubb 4275  
 T. Drinkard \_\_\_\_\_  
 T. Abo 5071  
 T. Wolfcamp 5927  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss 6956  
 T. Devonian 7285  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Otzte \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from 7286 to 7288  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

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

No. 1, from none to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology    | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|--------------|------|----|----------------------|-----------|
| 0    | 357  | 357                  | red bed      |      |    |                      |           |
| 357  | 466  | 109                  | sand, shale  |      |    |                      |           |
| 466  | 1034 | 677                  | sand         |      |    |                      |           |
| 1034 | 1573 | 539                  | silt, sand   |      |    |                      |           |
| 1573 | 4275 | 2702                 | lime         |      |    |                      |           |
| 4275 | 5071 | 796                  | sand         |      |    |                      |           |
| 5071 | 5927 | 856                  | shale        |      |    |                      |           |
| 5927 | 6956 | 1029                 | lime         |      |    |                      |           |
| 6956 | 7285 | 319                  | dolomite, TD |      |    |                      |           |