

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30 025 31288                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>B 1505                                                              |

| 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"/>                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         | 7. Lease Name or Unit Agreement Name<br>Lovington Paddock Unit                                                                                                                  |                                    |                                                        |  |  |
| 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"/> DEEP RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> |                                   |                                                                                 |                                                                                                                   |                                         | 8. Well No.<br>112                                                                                                                                                              |                                    |                                                        |  |  |
| 2. Name of Operator<br>GREENHILL PETROLEUM CORPORATION                                                                                                                                                                                          |                                   |                                                                                 |                                                                                                                   |                                         | 9. Pool name or Wildcat<br>Lovington Paddock                                                                                                                                    |                                    |                                                        |  |  |
| 3. Address of Operator<br>11490 Westheimer, Suite 200, Houston, Texas 77077                                                                                                                                                                     |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 4. Well Location<br>Unit Letter <u>K</u> : <u>1370</u> Feet From The <u>South</u> Line and <u>2720</u> Feet From The <u>West</u> Line<br>Section <u>31</u> Township <u>16</u> Range <u>37E</u> NMPM Lea County                                  |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 10. Date Spudded<br>11-12-91                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>11-22-91 | 12. Date Compl. (Ready to Prod.)<br>1-8-92                                      | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3815 GR                                                                |                                         | 14. Elev. Casinghead<br>----                                                                                                                                                    |                                    |                                                        |  |  |
| 15. Total Depth<br>6500'                                                                                                                                                                                                                        | 16. Plug Back T.D.<br>6452'       | 17. If Multiple Compl. How Many Zones? <u>---</u>                               | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> | 20. Was Directional Survey Made<br>---- |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>6060' - 6381'                                                                                                                                                              |                                   |                                                                                 |                                                                                                                   |                                         | 22. Was Well Cored<br>----                                                                                                                                                      |                                    |                                                        |  |  |
| 21. Type Electric and Other Logs Run<br>GR/CBL/CCL                                                                                                                                                                                              |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 23. 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#                               | 1870'                                                                           | 12 1/4"                                                                                                           | 600 sacks                               |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 5 1/2"                                                                                                                                                                                                                                          | 15.5#                             | 6500'                                                                           | 7 7/8"                                                                                                            | 1400 sacks                              |                                                                                                                                                                                 |                                    |                                                        |  |  |
|                                                                                                                                                                                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
|                                                                                                                                                                                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
|                                                                                                                                                                                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 24. LINER RECORD                                                                                                                                                                                                                                |                                   |                                                                                 |                                                                                                                   |                                         | 25. TUBING RECORD                                                                                                                                                               |                                    |                                                        |  |  |
| SIZE                                                                                                                                                                                                                                            | TOP                               | BOTTOM                                                                          | SACKS CEMENT                                                                                                      | SCREEN                                  | SIZE                                                                                                                                                                            | DEPTH SET                          | PACKER SET                                             |  |  |
|                                                                                                                                                                                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         | 2 7/8"                                                                                                                                                                          | 6393'                              | 5922'                                                  |  |  |
|                                                                                                                                                                                                                                                 |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 26. Perforation record (interval, size, and number)<br>6060'-6381' See Exhibit "A"                                                                                                                                                              |                                   |                                                                                 |                                                                                                                   |                                         | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED<br>6060'-6381'      16,000 gal. 28% NEFF<br>HCL Acid with 12.6 tons<br>CO2 |                                    |                                                        |  |  |
| 28. PRODUCTION                                                                                                                                                                                                                                  |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| Date First Production<br>1-3-92                                                                                                                                                                                                                 |                                   | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Rod Pump |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    | Well Status (Prod. or Shut-in)<br>Producing            |  |  |
| Date of Test<br>2-2-92                                                                                                                                                                                                                          | Hours Tested<br>24 hrs.           | Choke Size<br>---                                                               | Prod'n For Test Period                                                                                            | Oil - Bbl.<br>46                        | Gas - MCF<br>TSTM                                                                                                                                                               | Water - Bbl.<br>185                | Gas - Oil Ratio<br>TSTM                                |  |  |
| Flow Tubing Press.<br>---                                                                                                                                                                                                                       | Casing Pressure<br>---            | Calculated 24-Hour Rate                                                         | Oil - Bbl.<br>46                                                                                                  | Gas - MCF<br>TSTM                       | Water - Bbl.<br>185                                                                                                                                                             | Oil Gravity - API - (Corr.)<br>--- |                                                        |  |  |
| 29. Disposition of Gas (Solid, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                             |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 | Test Witnessed By<br>----          |                                                        |  |  |
| 30. List Attachments<br>Exhibit "A"                                                                                                                                                                                                             |                                   |                                                                                 |                                                                                                                   |                                         |                                                                                                                                                                                 |                                    |                                                        |  |  |
| 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 <u>Michael J. Newport</u>                                                                                                                                                                                                             |                                   |                                                                                 |                                                                                                                   | Printed Name <u>Michael J. Newport</u>  |                                                                                                                                                                                 |                                    | Land Manager-<br>Title <u>Permian Basin</u> Date _____ |  |  |

# 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 \_\_\_\_\_ NL  
 T. Salt \_\_\_\_\_ NL  
 B. Salt \_\_\_\_\_ NL  
 T. Yates \_\_\_\_\_ NL  
 T. 7 Rivers \_\_\_\_\_ NL  
 T. Queen \_\_\_\_\_ NL  
 T. Grayburg 4421  
 T. San Andres 4631  
 T. Glorieta 6001  
 T. Paddock 6089  
 T. Blinbry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

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

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 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 \_\_\_\_\_  
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### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, 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 \_\_\_\_\_ 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    | 3900 | 3900                 | Not Logged        |      |    |                      |           |
| 3900 | 4421 | 521                  | Sandstone         |      |    |                      |           |
| 4421 | 4631 | 210                  | Lime & Anhydrate  |      |    |                      |           |
| 4631 | 6001 | 1370                 | Dolomite          |      |    |                      |           |
| 6001 | 6089 | 88                   | Dolomite-Silstone |      |    |                      |           |
| 6089 | 6500 | 411                  | Dolomite          |      |    |                      |           |
| TD   | 6500 |                      |                   |      |    |                      |           |

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