

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088Submit to Appropriate  
District Office  
State Lease - 6 copies  
For Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

|                                      |                                                                        |
|--------------------------------------|------------------------------------------------------------------------|
| WELL API NO.                         | 3002531068                                                             |
| 5. Indicate Type of Lease            | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.         | 87845                                                                  |
| 7. Lease Name or Unit Agreement Name |                                                                        |
| LOVINGTON PADDOCK UNIT               |                                                                        |
| 8. Well No.                          | 91                                                                     |
| 9. Pool name or Wildcat              | LOVINGTON PADDOCK                                                      |

## 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"/>                                                                                | 2. Name of Operator<br>GREENHILL PETROLEUM CORPORATION                   |                                            |                                                        |
| 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"/> DRY RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> | 3. Address of Operator<br>11490 WESTHEIMER, STE., 200, HOUSTON, TX 77077 |                                            |                                                        |
| 4. Well Location<br>Unit Letter J : 2390 Feet From The SOUTH Line and 2370 Feet From The EAST Line                                                                                                                                             | Section 36 Township 16S Range 36E NMPM LEA County                        |                                            |                                                        |
| 10. Date Spudded<br>1-22-91                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>6345                                            | 12. Date Compl. (Ready to Prod.)<br>3-7-91 | 13. Elevations (DFA RKB, RT, GR, etc.)<br>3834         |
| 15. Total Depth<br>6345                                                                                                                                                                                                                        | 16. Plug Back T.D.                                                       | 17. If Multiple Compl. How Many Zones?     | 18. Intervals Drilled By Rotary Tools<br>X Cable Tools |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>PADDOCK 6052-6296                                                                                                                                                         |                                                                          |                                            | 20. Was Directional Survey Made                        |
| 21. Type Electric and Other Logs Run<br>GR-CAL-DLL-MSFL-SLD-CNS-SFT                                                                                                                                                                            |                                                                          |                                            | 22. Was Well Cored                                     |

## 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            | 2048      | 12 1/4    | 1300 SXS         |               |
| 5 1/2       | 15.5          | 6345      | 7 7/8     | 1610 SXS         |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

## LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2 7/8 | 6046      |            |
|      |     |        |              |        |       |           |            |

26. Perforation record (interval, size, and number)

SEE ATTACHED

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | AMOUNT AND KIND MATERIAL USED |
|-------------------------------------------------|-------------------------------|
| DEPTH INTERVAL                                  |                               |
| 6052-6296                                       | 1500 G. 20% NEFE              |
|                                                 | 6000 G. 20% NEFE              |

## PRODUCTION

|                                                                    |                                                                                 |                         |                              |                   |                                |                             |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------|------------------------------|-------------------|--------------------------------|-----------------------------|
| 28. Date First Production<br>3-7-91                                | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>ROD PUMP |                         |                              |                   | Well Status (Prod. or Shut-in) |                             |
| Date of Test<br>4-24-91                                            | Hours Tested<br>24                                                              | Choke Size              | Prod'n For Test Period<br>15 | Oil - Bbl.<br>15  | Gas - MCF<br>71                | Water - Bbl.<br>33°         |
| Flow Tubing Press.                                                 | Casing Pressure                                                                 | Calculated 24-Hour Rate | Oil - Bbl.<br>15             | Gas - MCF<br>TSTM | Water - Bbl.<br>71             | Oil Gravity - API - (Corr.) |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>SOLD |                                                                                 |                         |                              |                   |                                | Test Witnessed By           |

30. List Attachments

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 Michael J. NewportPrinted  
Name

MICHAEL J. NEWPORT Title LAND MANAGER

Date 5-13-

# 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 |            |                  | Northwestern New Mexico |                  |  |
|-------------------------|------------|------------------|-------------------------|------------------|--|
| T. Anhy                 | Not Logged | T. Canyon        | T. Ojo Alamo            | T. Penn. "B"     |  |
| T. Salt                 | "          | T. Strawn        | T. Kirtland-Fruitland   | T. Penn. "C"     |  |
| B. Salt                 | "          | 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                | 3748       | T. Silurian      | T. Point Lookout        | T. Elbert        |  |
| T. Grayburg             | 4426       | T. Montoya       | T. Mancos               | T. McCracken     |  |
| T. San Andres           | 4629       | T. Simpson       | T. Gallup               | T. Ignacio Otzie |  |
| T. Glorieta             | 5979       | T. McKee         | Base Greenhorn          | T. Granite       |  |
| T. Paddock              | 6080       | T. Ellenburger   | T. Dakota               | T.               |  |
| T. Blinberry            |            | T. Gr. Wash      | T. Morrison             | T.               |  |
| T. Tubb                 |            | T. Delaware Sand | T. Todilto              | T.               |  |
| T. Drinkard             |            | T. Bone Springs  | T. Entrada              | T.               |  |
| T. Abo                  |            | T.               | T. Wingate              | T.               |  |
| T. Wolfcamp             |            | T.               | T. Chinle               | T.               |  |
| T. Penn                 |            | T.               | T. Permian              | T.               |  |
| T. Cisco (Bough C)      |            | T.               | T. Penn "A"             | T.               |  |

### 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 |
|------|------|----------------------|-----------------------|------|----|----------------------|-----------|
|      | 3748 |                      |                       |      |    |                      |           |
| 3748 | 4426 | 678                  | Sandstone - Siltstone |      |    |                      |           |
| 4426 | 4629 | 203                  | Limestone             |      |    |                      |           |
| 4629 | 5979 | 1350                 | Dolomite              |      |    |                      |           |
| 5979 | 6080 | 101                  | Dolomite - Siltstone  |      |    |                      |           |
| 6080 | 6345 | 265                  | Dolomite              |      |    |                      |           |
| TD   | 6345 |                      |                       |      |    |                      |           |

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