

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30 025 31364                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>B 7845                                                              |
| 7. Lease Name or Unit Agreement Name<br>Lovington San Andres Unit                                   |
| 8. Well No.<br>70                                                                                   |
| 9. Pool name or Wildcat<br>Lovington Grayburg San Andres                                            |

|                                                                                                                                                                                                                                                 |                                   |                                                |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|----------------------------------------------------|
| 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"/>                                                                                 |                                   |                                                |                                                    |
| 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"/> |                                   |                                                |                                                    |
| 2. Name of Operator<br>GREENHILL PETROLEUM CORPORATION                                                                                                                                                                                          |                                   |                                                |                                                    |
| 3. Address of Operator<br>11490 Westheimer, Suite 200, Houston, Texas 77077                                                                                                                                                                     |                                   |                                                |                                                    |
| 4. Well Location<br>Unit Letter <u>P</u> : <u>1229</u> Feet From The <u>South</u> Line and <u>1196</u> Feet From The <u>East</u> Line<br>Section <u>36</u> Township <u>16 South</u> Range <u>36 East</u> NMPM Lea County                        |                                   |                                                |                                                    |
| 10. Date Spudded<br>11-16-91                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>11-23-91 | 12. Date Compl. (Ready to Prod.)<br>12-31-91   | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3822 GR |
| 15. Total Depth<br>5070'                                                                                                                                                                                                                        | 16. Plug Back T.D.<br>5022'       | 17. If Multiple Compl. How Many Zones?<br>---- | 18. Intervals Drilled By<br>Rotary Tools<br>XXXXXX |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>4648'-5030' San Andres                                                                                                                                                     |                                   |                                                | 20. Was Directional Survey Made<br>-----           |
| 21. Type Electric and Other Logs Run<br>GR/CNL/CCL                                                                                                                                                                                              |                                   |                                                | 22. Was Well Cored<br>-----                        |

| 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#           | 1315'     | 12 1/4"   | 600 sacks        |               |
| 5 1/2"                                             | 15#           | 5070'     | 7 7/8"    | 1000 sacks       |               |
|                                                    |               |           |           |                  |               |
|                                                    |               |           |           |                  |               |
|                                                    |               |           |           |                  |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 7/8"            | 5007'     |            |
|                  |     |        |              |        |                   |           |            |

|                                                                                    |  |                                                                                                                                                                      |  |
|------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 26. Perforation record (interval, size, and number)<br>4648'-5030' See Exhibit "A" |  | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL<br>4648'-5030'<br>AMOUNT AND KIND MATERIAL USED<br>13,500 gals. 20% NFFF HCl<br>with 16.9 tons CO2 |  |
|------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                                                    |                                                                                 |                                             |                                            |                                         |                                      |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------|-----------------------------------------|--------------------------------------|
| 28. PRODUCTION                                                     |                                                                                 |                                             |                                            | Well Status (Prod. or Shut-in)<br>Prod. |                                      |
| Date First Production<br>12-23-91                                  | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Rod Pump |                                             |                                            |                                         |                                      |
| Date of Test<br>1-10-92                                            | Hours Tested<br>24 hours                                                        | Choke Size<br>-----                         | Prod'n For Test Period<br>Oil - Bbl.<br>58 | Gas - MCF<br>TSTM                       | Water - Bbl.<br>294                  |
| Flow Tubing Press.<br>-----                                        | Casing Pressure<br>-----                                                        | Calculated 24-Hour Rate<br>Oil - Bbl.<br>58 | Gas - MCF<br>TSTM                          | Water - Bbl.<br>294                     | Oil Gravity - API - (Corr.)<br>----- |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                                                                                 |                                             |                                            |                                         | Test Witnessed By<br>-----           |

30. List Attachments  
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 Michael J. Newport

Printed Name Michael J. Newport

Land Manager  
Permian Basin Date 1-17-92

# 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 \_\_\_\_\_ NI \_\_\_\_\_  
 T. Yates \_\_\_\_\_ 3062 \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_ 3301 \_\_\_\_\_  
 T. Queen \_\_\_\_\_ 3716 \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_ 4398 \_\_\_\_\_  
 T. San Andres \_\_\_\_\_ 4604 \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

### 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 Otzie \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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 T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 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 \_\_\_\_\_ 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     | 3000  | 3000                 | Not logged          |      |    |                      |           |
| 3000  | 3062  | 62                   | Sandstone-Siltstone |      |    |                      |           |
| 3062  | 3301  | 239                  | Sandstone-Siltstone |      |    |                      |           |
| 3301  | 3716  | 415                  | Sandstone-Siltstone |      |    |                      |           |
| 3716  | 4398  | 682                  | Sandstone           |      |    |                      |           |
| 4398  | 4604  | 206                  | Lime and Anhydrite  |      |    |                      |           |
| 4604  | 5070  | 466                  | Dolomite            |      |    |                      |           |
| Total | Depth | 5070                 |                     |      |    |                      |           |