

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

DHC-1276

Form C-105  
Revised 1-1-89

|                                      |                                                                        |
|--------------------------------------|------------------------------------------------------------------------|
| WELL API NO.                         | 30-045-29321                                                           |
| 5. Indicate Type of Lease            | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.         | E-3150-11                                                              |
| 7. Lease Name or Unit Agreement Name | San Juan 32-9 Unit                                                     |
| 8. Well No.                          | 37A                                                                    |
| 9. Pool name or Wildcat              | Blanco PC/Blanco IV                                                    |

|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             |                                                |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------|--------------------------------------|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                    |                                  |                                                                                |                                                             |                                                |                                      |
| 1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                      |                                  |                                                                                |                                                             |                                                |                                      |
| b. Type of Completion: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DEEP RESER <input type="checkbox"/> OTHER <input type="checkbox"/> |                                  |                                                                                |                                                             |                                                |                                      |
| 2. Name of Operator<br>Meridian Oil Inc                                                                                                                                                                                           |                                  |                                                                                |                                                             |                                                |                                      |
| 3. Address of Operator<br>PO Box 4239, Farmington, NM 87402                                                                                                                                                                       |                                  |                                                                                |                                                             |                                                |                                      |
| 4. Well Location<br>Unit Letter J : 1625 Feet From The South Line and 1490 Feet From The East Line<br>Section 32 Township 32N Range 9W NMPM San Juan County                                                                       |                                  |                                                                                |                                                             |                                                |                                      |
| 10. Date Spudded<br>3-10-96                                                                                                                                                                                                       | 11. Date T.D. Reached<br>3-19-96 | 12. Date Compl. (Ready to Prod.)<br>5-14-96                                    | 13. Elevations (DF& RKB, RT, GR, etc.)<br>6752, GR, 6755 KB | 14. Elev. Casinghead                           |                                      |
| 15. Total Depth<br>6379                                                                                                                                                                                                           | 16. Plug Back T.D.               | 17. If Multiple Compl. How Many Zones?<br>2                                    | 18. Intervals Drilled By<br>Rotary Tools<br>0-6379          | Cable Tools                                    |                                      |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>4504-6157 Mesaverde Commingled w/Pictured Cliffs                                                                                                             |                                  |                                                                                |                                                             |                                                | 20. Was Directional Survey Made      |
| 21. Type Electric and Other Logs Run<br>AIT-LDS-TEMP-CAL, APS-GR                                                                                                                                                                  |                                  |                                                                                |                                                             |                                                | 22. Was Well Cored<br>No             |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                                |                                  |                                                                                |                                                             |                                                |                                      |
| CASING SIZE                                                                                                                                                                                                                       |                                  | WEIGHT LB/FT.                                                                  | DEPTH SET                                                   | HOLE SIZE                                      | CEMENTING RECORD                     |
| 9 5/8                                                                                                                                                                                                                             |                                  | 36#                                                                            | 245                                                         | 12 1/4                                         | 212 cu ft                            |
| 7                                                                                                                                                                                                                                 |                                  | 20#                                                                            | 3878                                                        | 8 3/4                                          | 1160 cu ft                           |
| 24. LINER RECORD                                                                                                                                                                                                                  |                                  |                                                                                |                                                             |                                                |                                      |
| SIZE                                                                                                                                                                                                                              | TOP                              | BOTTOM                                                                         | SACKS CEMENT                                                | SCREEN                                         | 25. TUBING RECORD                    |
| 4 1/2                                                                                                                                                                                                                             | 3690                             | 6378                                                                           | 477 cu ft                                                   |                                                | SIZE 2 3/8 DEPTH SET 6138 PACKER SET |
| 26. Perforation record (interval, size, and number)<br>4504, 4516, 4520, 4523, 4540, 4550,<br>4553, 4556, 4560, 4564, 4574, 4582,<br>4604, 4610, 4614, 4618, 4622, 4626,<br>4634, 4640, 4650, 5194, 5196, 5198                    |                                  |                                                                                |                                                             | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC |                                      |
|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED        |
|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             | 4504-4650                                      | 80,000# sd, 443 bbl gel              |
|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             | 5194-5706                                      | 35,000# sd, 1139 bbl ge              |
|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             | 5793-6157                                      | 110,000# sd 1632 bbl ge              |
| 28. Continued on back                                                                                                                                                                                                             |                                  |                                                                                |                                                             |                                                |                                      |
| PRODUCTION                                                                                                                                                                                                                        |                                  |                                                                                |                                                             |                                                |                                      |
| Date First Production<br>5-14-96                                                                                                                                                                                                  |                                  | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                                                             |                                                | Well Status (Prod. or Shut-in)<br>SI |
| Date of Test<br>5-14-96                                                                                                                                                                                                           | Hours Tested                     | Choke Size                                                                     | Prod'n For Test Period                                      | Oil - Bbl.                                     | Gas - MCF                            |
|                                                                                                                                                                                                                                   |                                  |                                                                                |                                                             |                                                | 852 Pilot Gauge                      |
| Flow Tubing Press.                                                                                                                                                                                                                | Casing Pressure                  | Calculated 24-Hour Rate                                                        | Oil - Bbl.                                                  | Gas - MCF                                      | Water - Bbl.                         |
| SI 251                                                                                                                                                                                                                            | SI 488                           |                                                                                |                                                             |                                                | Oil Gravity - API - (Corr.)          |
| 29. Composition of Gas (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                          |                                  |                                                                                |                                                             |                                                | Test Witnessed By                    |
| 30. List Attachments<br>None                                                                                                                                                                                                      |                                  |                                                                                |                                                             |                                                |                                      |
| 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<br>Peggy Bradfield                                                                                                                                                                                                      |                                  | Printed Name<br>Peggy Bradfield                                                |                                                             | Title<br>Reg. Administrator                    | Date<br>6-3-96                       |

# 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 sp tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is 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 _____            | T. Canyon _____        | T. Ojo Alamo _____ 2110               | T. Penn. "B" _____        |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ 2150-3212 | T. Penn. "C" _____        |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____ 3600         | T. Penn. "D" _____        |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____ 5185             | T. Leadville _____        |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____ 5582                 | T. Madison _____          |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____ 5892           | T. Elbert _____           |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____                       | T. McCracken _____        |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                       | T. Ignacio Oute _____     |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____                  | T. Granite _____          |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                       | T. Lewis _____ 3934       |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____                     | T. Huerf. Bent _____ 4332 |
| 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. 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 in Feet | Lithology                                                                      | From                                | To                | Thickness in Feet | Lithology |
|------|------|-------------------|--------------------------------------------------------------------------------|-------------------------------------|-------------------|-------------------|-----------|
| 2110 | 2150 |                   | White, cr-gr ss                                                                | Perfs continued:                    | 5304, 5308, 5525, |                   |           |
| 2150 | 3212 |                   | Gry sh interbedded w/tight, gry, fine-gr ss.                                   | 5530, 5536, 5542, 5550, 5553, 5560, |                   |                   |           |
| 3212 | 3600 |                   | Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss          | 5563, 5620, 5653, 5683, 5687, 5691, |                   |                   |           |
| 3600 | 3934 |                   | Bn-gry, fine grn, tight ss                                                     | 5706, 5793, 5797, 5801, 5819, 5837, |                   |                   |           |
| 4332 | 5185 |                   | White, waxy chalky bentonite                                                   | 5859, 5897, 5900, 5905, 5912, 5921, |                   |                   |           |
| 5185 | 5582 |                   | ss. Gry, fine-grn, dense sil ss                                                | 5925, 5929, 5937, 5947, 5952, 5958, |                   |                   |           |
| 5582 | 5892 |                   | Med-dk gry, fine gr ss carb sh & coal                                          | 5973, 5984, 6023, 6033, 6053, 6062, |                   |                   |           |
| 5892 | 6379 |                   | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation | 6093, 6114, 6125, 6135, 6147, 6157  |                   |                   |           |