

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

(See other instructions on reverse side)

RECEIVED  
BLM  
31 MAR 14 PM 3:54  
019 FARMINGTON, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                |  |                                                                                             |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF-078092                                            |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____ |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>AGREEMENT NAME<br>OR LEASE NAME<br>Douthitt Federal |  |
| 2. NAME OF OPERATOR<br>Meridian Oil Inc.                                                                                                                                                                                       |  | 9. WELL NO.<br>351                                                                          |  |
| 3. ADDRESS OF OPERATOR<br>PO Box 4289, Farmington, NM 87499                                                                                                                                                                    |  | 10. FIELD AND POOL OR WILDCAT<br>Basin Fruitland Co                                         |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1110'N, 1215'E<br>At top prod. interval reported below<br>At total depth                                            |  | 11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA<br>Sec. 35, T-27-N, R-11-NMPM                 |  |
| 14. PERMIT NO.<br>30-0                                                                                                                                                                                                         |  | DATE ISSUED<br>APR 6 1991                                                                   |  |
| 15. DATE SPUDDED<br>12-29-90                                                                                                                                                                                                   |  | 16. DATE T.D. REACHED<br>12-31-90                                                           |  |
| 17. DATE COMPL. (Ready to prod.)<br>1-31-91                                                                                                                                                                                    |  | 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*<br>6446' GL                                         |  |
| 19. ELEV. CASINGHEAD<br>2012'                                                                                                                                                                                                  |  | 20. TOTAL DEPTH, MD & TVD<br>2012'                                                          |  |
| 21. PLUG. BACK T.D., MD & TVD                                                                                                                                                                                                  |  | 22. IF MULTIPLE COMPL., HOW MANY*                                                           |  |
| 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>yes                                                                                                                                                                                |  | CABLE TOOLS                                                                                 |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Fruitland Coal (1806-2000')                                                                                                                   |  | 25. WAS DIRECTIONAL SURVEY MADE<br>no                                                       |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>DIL-LDT-CNL-NGT-ML                                                                                                                                                                     |  | 27. WAS WELL CORED<br>no                                                                    |  |

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                  |               |
|----------------------------------------------------|-----------------|----------------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8 5/8"                                             | 24.0#           | 226'           | 12 1/4"   | 248 cu.ft.       |               |
| 5 1/2"                                             | 15.5#           | 2012'          | 7 7/8"    | 694 cu.ft.       |               |
|                                                    |                 |                |           |                  |               |
|                                                    |                 |                |           |                  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2 3/8"            | 1975'          |                 |
|                  |          |             |               |             |                   |                |                 |
|                  |          |             |               |             |                   |                |                 |

| 31. PERFORATION RECORD (Interval, size and number)                             |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|--------------------------------------------------------------------------------|--|------------------------------------------------|----------------------------------|
|                                                                                |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 1806-10', 1832-35', 1860-62', 1883-85', 1916-19', 1949-53', 1988-2000' w/4 spf |  | 1806-2000'                                     | 10,000# 40/70 sand               |
|                                                                                |  |                                                | 100,200# 20/40 sand              |
|                                                                                |  |                                                | 106,830 gal. fluid               |

|                                                            |                 |                                                                            |                         |          |            |                                    |               |
|------------------------------------------------------------|-----------------|----------------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 33.* PRODUCTION                                            |                 |                                                                            |                         |          |            |                                    |               |
| DATE FIRST PRODUCTION                                      |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)       |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|                                                            |                 | shut in, waiting on pipeline; capable of commercial hydrocarbon production |                         |          |            |                                    |               |
| DATE OF TEST                                               | HOURS TESTED    | CHOKE SIZE                                                                 | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
|                                                            |                 |                                                                            |                         |          | 28 MCFD    | -pitted gas                        |               |
| FLOW. TUBING PRESS.                                        | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                    | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| SI 272                                                     | SI 273          |                                                                            |                         |          |            |                                    |               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) |                 |                                                                            |                         |          |            |                                    |               |
| to be sold BHP @ 1970' 287                                 |                 |                                                                            |                         |          |            |                                    |               |
| 35. LIST OF ATTACHMENTS                                    |                 |                                                                            |                         |          |            |                                    |               |
| none                                                       |                 |                                                                            |                         |          |            |                                    |               |

|                                                                                                                                   |                    |  |              |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|--|--------------|
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                    |  |              |
| SIGNED                                                                                                                            | Regulatory Affairs |  | DATE 3-13-91 |
| APR 6 1991                                                                                                                        |                    |  |              |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                            | NAME                               | TOP                    |                  |
|-----------|-------|--------|------------------------------------------------------------------------|------------------------------------|------------------------|------------------|
|           |       |        |                                                                        |                                    | MEAS. DEPTH            | TRUE VERT. DEPTH |
| Ojo Alamo | 945   | 1062'  | White, cr-gr ss.                                                       |                                    |                        |                  |
| Kirtland  | 1062' | 1766'  | Gry sh interbedded w/tight, gry, fine-gr ss.                           |                                    |                        |                  |
| Fruitland | 1766' | 2012'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Ojo Alamo<br>Kirtland<br>Fruitland | 945'<br>1062'<br>1766' |                  |