

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

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 <input type="checkbox"/> |  | 2. NAME OF OPERATOR<br>Meridian Oil Inc. |  | 3. ADDRESS OF OPERATOR<br>PO Box 4289, Farmington, NM 87499 |  | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).<br>At surface 1165'N, 1000'E<br>At top prod. interval reported below<br>At total depth |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF-078387 |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |  | 7. UNIT AGREEMENT NAME        |  | 8. FARM OR LEASE NAME<br>Howell D      |  | 9. WELL NO.<br>352                              |  | 10. FIELD AND POOL OR WILDCAT<br>Basin Fruitland Coal                                                        |  | 11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA<br>Sec.31, T-31-N,R-8-W<br>NMPM |  | 12. COUNTY OR PARISH<br>San Juan              |  | 13. STATE<br>NM           |  |
| 15. DATE SPUNDED<br>05-15-88                                                                                                                                    |  | 16. DATE T.D. REACHED<br>06-10-88        |  | 17. DATE COMPL. (Ready to prod.)<br>06-11-88                |  | 18. ELEVATIONS (DF. RKB. RT. GR. ETC.)*<br>6360'GL                                                                                                                                  |  | 19. ELEV. CASINGHEAD<br>6360'GL                  |  | 20. TOTAL DEPTH, MD & TVD<br>3190'   |  | 21. PLUG. BACK T.D., MD & TVD |  | 22. IF MULTIPLE COMPL., HOW MANY*<br>1 |  | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>yes |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>3001-3190' (Fruitland Coal) |  | 25. WAS DIRECTIONAL SURVEY MADE<br>no                                         |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>----- |  | 27. WAS WELL CORRED<br>no |  |

| CASING RECORD (Report all strings set in well) |                 |                |           |                  |               |
|------------------------------------------------|-----------------|----------------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 9 5/8"                                         | 36.0#           | 421'           | 12 1/4"   | 295 cu.ft.       |               |
| 7"                                             | 20.0#           | 2978'          | 8 3/4"    | 987 cu.ft.       |               |
|                                                |                 |                |           |                  |               |
|                                                |                 |                |           |                  |               |

| LINER RECORD |          |             |               |             | TUBING RECORD |                |                 |
|--------------|----------|-------------|---------------|-------------|---------------|----------------|-----------------|
| SIZE         | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
| 5 1/2"       | 2906     | 3190'       |               |             | 2 3/8"        | 3180'          |                 |
|              |          |             |               |             |               |                |                 |
|              |          |             |               |             |               |                |                 |

|                                                                                                         |  |                                                                                                        |  |
|---------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|--|
| 31. PERFORATION RECORD (Interval, size and number)<br>3001-42', 3083-3124', 3149-90' (predrilled liner) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED |  |
|                                                                                                         |  |                                                                                                        |  |
|                                                                                                         |  |                                                                                                        |  |
|                                                                                                         |  |                                                                                                        |  |

|                                                                          |              |                                                                                                                               |                         |          |          |                                    |                         |
|--------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|----------|------------------------------------|-------------------------|
| 33. PRODUCTION                                                           |              |                                                                                                                               |                         |          |          |                                    |                         |
| DATE FIRST PRODUCTION                                                    |              | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>flowing-capable of comm HC; to be sold when connected |                         |          |          | WELL STATUS (Producing or shut-in) |                         |
| DATE OF TEST                                                             | HOURS TESTED | CHOKE SIZE                                                                                                                    | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL.                         | GAS-OIL RATIO           |
| SI 1337                                                                  | SI 1407      |                                                                                                                               |                         |          |          |                                    |                         |
| FLOW. TUBING PRESS.                                                      |              | CASING PRESSURE                                                                                                               | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL.                         | OIL GRAVITY-API (CORR.) |
|                                                                          |              |                                                                                                                               |                         |          |          |                                    |                         |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>to be sold |              |                                                                                                                               |                         |          |          | TEST WITNESSED BY                  |                         |
| 35. LIST OF ATTACHMENTS                                                  |              |                                                                                                                               |                         |          |          |                                    |                         |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [Signature] TITLE Regulatory Affairs DATE 11-14-88

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

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, flowing and shut-in pressures, and recoveries):

| 38. GEOLOGIC MARKERS |       |        |                                                                  |                                                      |
|----------------------|-------|--------|------------------------------------------------------------------|------------------------------------------------------|
| FORMATION            | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                      | NAME                                                 |
|                      |       |        |                                                                  | MEAS. DEPTH                                          |
| Ojo Alamo            | 1900' | 2065'  | ss. White cr-grn s.                                              |                                                      |
| Kirtland             | 2065' | 2855'  | Gry sh interbedded w/tight gry fine-grn ss.                      |                                                      |
| Fruitland            | 2855' | 3190'  | Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. | Ojo Alamo 1900'<br>Kirtland 2065'<br>Fruitland 2855' |

TRUE  
VERT. DEPTH