

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CENSR ☐ OTHER ☐

2. NAME OF OPERATOR  
Meridian Oil Inc.

3. ADDRESS OF OPERATOR  
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1695' FSL, 1595' FWL

At top prod. interval reported below

At total depth

RECEIVED  
AUG 21 1991

OIL CON. DIV.  
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.  
SE-078945

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
C: 117

7. UNIT AGREEMENT NAME  
San Juan 29-7 Unit

8. FARM OR LEASE NAME  
San Juan 29-7 Unit

9. WELL NO.  
581

10. FIELD AND POOL OR WILDCAT  
Basin Fruitland Coal

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 01, T-29-N, R-07-W  
NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

15. DATE SPUDDED 09/22/90 16. DATE T.D. REACHED 10/31/90 17. DATE COMPL. (Ready to prod.) 6/21/91 18. ELEVATION (OP. RKB. ST. OR, ETC.) 6796' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3720' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 1 23. INTERVALS DRILLED BY Rotary Tools Yes Cable Tools

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Fruitland Coal (3522'-3677') 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN IEL/CDL/CNL/HRL/NGT/ML 27. WAS WELL CORRED

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                 |               |
|----------------------------------------------------|-----------------|----------------|-----------|-----------------|---------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | SPURTING RECORD | AMOUNT PULLED |
| 9 5/8"                                             | 36#             | 389'           | 12 1/4"   | 378 cu.ft.      | 320           |
| 7 "                                                | 20#             | 3505'          | 8 3/4"    | 1197 cu.ft.     | 240           |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
| 4 1/2            | 3325'    | 3719'       | 76 cu.ft.     |             | 2 3/8"            | 3662'          |                 |

| 31. PERFORATION RECORD (Interval, size and number)         |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|------------------------------------------------------------|--|------------------------------------------------|----------------------------------|
| 3522-34', 3579-81', 3599-3601', 3626-38', 3640-77' w/2 spf |  | DEPTH (INTERVAL (MD))                          | AMOUNT AND KIND OF MATERIAL USED |
|                                                            |  | 3522'-3677'                                    | 10,000# 40/70 sand               |
|                                                            |  |                                                | 171,000# 20/40 sand              |
|                                                            |  |                                                | 114,690 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 connection, capable of commercial hydrocarbon prod. |              |                                                                      |                         |          |                    |                                    |               |
| DATE OF TEST                                                                    | HOURS TESTED | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF            | WATER—BSL.                         | GAR-OIL RATIO |
|                                                                                 |              |                                                                      |                         |          | 54 mcf - pitot gge |                                    |               |

| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BSL. | GAS—MCP. | WATER—BSL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| SI 307              | SI 1159         |                         |          |          |            |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold BHP @ 3620' 1457

35. LIST OF ATTACHMENTS  
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from:  
SIGNED [Signature] TITLE Regulatory Affairs BY [Signature] DATE 7-18-91

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

ACCEPTED FOR RECORD

AUG 14 1991

FARMINGTON RESOURCE AREA

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       | 2690' | 2932'  | White, cr-gr ss.                                                       | Ojo Alamo<br>Kirtland<br>Fruitland<br>Pic.Cliffs | 2690'       |                  |
| Kirtland        | 2932' | 3405'  | Gry sh interbedded w/tight, gry, fine-gr ss.                           |                                                  | 2932'       |                  |
| Fruitland       | 3405' | 3683'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. |                                                  | 3405'       |                  |
| Pictured Cliffs | 3683' | 3270'  | Bn-Gry, fine grn, tight ss.                                            |                                                  | 3683'       |                  |