

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.  
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 ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 applicable requirements)\*  
At surface 1190'FNL, 1660'FEL  
At top prod. interval reported below  
At total depth

5. PERMIT NO. 30-039-25024 DATE ISSUED JUL 31 1991

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE DESIGNATION AND SERIAL NO.  
BLM 079392

8. AGREEMENT NAME  
San Juan 27-5 Unit

9. FARMER LEASE NAME  
San Juan 27-5 Unit

9. WELL NO.  
319

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
Sec. 29, T-27-N, R-05-W  
NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. DATE SPUDDED 12/01/90 16. DATE T.D. REACHED 12/04/90 17. DATE COMPL. (Ready to prod.) 05/26/91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6484' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3265'

21. FLUD. BACK T.D., MD & TVD

22. IF MULTIPLE COMPL. HOW MANY\*

23. INTERVALS DRILLED BY ROTARY TOOLS yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Fruitland Coal (3075' - 3144')

25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CML/LDT/DIL/NGT/MLT

27. WAS WELL CORRED 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#           | 220'           | 12 1/4"   | 248 cu.ft.       |               |
| 5 1/2"      | 15.5#           | 3256'          | 7 7/8"    | 1207 cu.ft.      |               |

29. LINER RECORD

| SIZE     | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|----------|----------|-------------|---------------|-------------|
| No Liner |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2 3/8" | 3338'          |                 |

31. PERFORATION RECORD (Interval, size and number)

3075-79', 3097-99', 3101-13', 3115-23',  
3125-29', 3133-36', 3138-44' w/2 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED         |
|---------------------|------------------------------------------|
| 3075-3144'          | 106,000# 20/40 sand<br>24,906 gal. fluid |

33. PRODUCTION

DATE FIRST PRODUCTION shut in, waiting on pipeline; capable of commercial hydrocarbon production

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

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

135 mcf—pitot gge

SI 910 SI 913 CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
to be sold BHP @ 3135' 1001

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

DATE 6-20-91

\*(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       | 2602' | 2770'  | White, cr-gr ss.                                                       | Ojo Alamo<br>Kirtland<br>Fruitland<br>Pic.Cliffs | 2602'<br>2770'<br>2960'<br>3231' |                  |
| Kirtland        | 2770' | 2960'  | Gry sh interbedded w/tight, gry, fine-gr ss.                           |                                                  |                                  |                  |
| Fruitland       | 2960' | 3231'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. |                                                  |                                  |                  |
| Pictured Cliffs | 3231' | 3265'  | Bn-Gry, fine grn, tight ss.                                            |                                                  |                                  |                  |