

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SE-079266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Vaughn #12M

9. API WELL NO.

30-039-23922

10. FIELD AND POOL, OR WILDCAT  
Blanco MV/Basin DK/  
Ensenada Mesa Gallup

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

Sec. 26, T-26-N, R-6-W

12. COUNTY OR  
PARISH

13. STATE

Rio Arriba NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMO. ☒ OTHER

2. NAME OF OPERATOR

Meridian Oil Inc

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1000' FNL, 1850' FWL

At top prod. interval reported below

At total depth

DHC R-10239

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB. RT. GR. ETC.)\* 19. ELEV. CASINGHEAD

11-5-85 11-18-85 9-14-96 6348 GR

20. TOTAL DEPTH, MD & TVD 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

7220 7179 0-7220

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6050-6492 Gallup

Commingled w/Mesaverde & Dakota

28. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-CCL

27. WAS WELL CORRED

No

29. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 9 5/8             | 32.3#           | 225            | 12 1/4    | 189 cu.ft.                      |               |
| 5                 | 23.2#           | 7220           | 7 7/8     | 1987 cu.ft.                     |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|-------------|-------|----------------|-----------------|
|      |          |             |             | 2 3/8 | 7184           |                 |

31. PERFORATION RECORD (Interval, size and number)

6050-6492 w/22 holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 6050-6492           | 160,000# sd,                     |
|                     | 245 sx 20/40 DC sd               |
|                     | 645,475 SCF N2                   |

33. PRODUCTION

|                                                        |                 |                                                                      |                         |          |            |                                    |               |
|--------------------------------------------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION                                  |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 9-14-96                                                |                 | Flowing                                                              |                         |          |            | SI                                 |               |
| DATE OF TEST                                           | HOURS TESTED    | CHOKES SIZE                                                          | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 9-14-96                                                |                 |                                                                      | →                       | 10       | 100        | Pitot Gauge                        |               |
| FLOW. TURNING POINT                                    | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| SI 573                                                 | SI 720          | →                                                                    |                         |          |            |                                    |               |
| 24-HOUR PRODUCTION (Gals. used for fuel, vented, etc.) |                 |                                                                      |                         |          |            | TEST WITNESSED BY                  |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

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

TITLE

Regulatory Administrator

DATE 10-2-96

\*(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 a Federal agency or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NM000

BY

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):

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                |
|-----------------|-------|--------|--------------------------------------------------------------------------------------------|
| Ojo Alamo       | 2007' | 2198'  | ss. White cr-grn s.                                                                        |
| Kirtland        | 2198' | 2468'  | Gry sh interbedded w/tight gry fine-grn ss.                                                |
| Fruitland       | 2468' | 2644'  | Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.                           |
| Pictured Cliffs | 2644' | 3526'  | Gry, fine-grn tight, varicolored soft ss.                                                  |
| Chacra          | 3526' | 4300'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     |
| Mesa Verde      | 4300' | 4350'  | Gry, fine-grn, dense sil ss., carb sh & coal                                               |
| Menefee         | 4350' | 4873'  | Gry, fine-grn s, carb sh & coal                                                            |
| Point Lookout   | 4873' | 5373'  | Gry, very fine sil ss w/frequent sh breaks                                                 |
| Mancos          | 5373' | 5915'  | Gry carb sh.                                                                               |
| Gallup          | 5915' | 6782'  | Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh                 |
| Greenhorn       | 6782' | 6832'  | Highly calc gry sh w/thin lmst.                                                            |
| Graneros        | 6832' | 6957'  | Dk gry shale, fossil & carb w/pyrite incl.                                                 |
| Dakota          | 6957' | 7220'  | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |

38.

GEOLOGIC MARKERS

| NAME        | TOP         |            |
|-------------|-------------|------------|
|             | MEAS. DEPTH | TRUE DEPTH |
| Ojo Alamo   | 2007'       |            |
| Kirtland    | 2198'       |            |
| Fruitland   | 2468'       |            |
| Pic. Cliffs | 2644'       |            |
| Chacra      | 3526'       |            |
| Mesa Verde  | 4300'       |            |
| Menefee     | 4350'       |            |
| Pt. Lookout | 4873'       |            |
| Mancos      | 5373'       |            |
| Gallup      | 5915'       |            |
| Greenhorn   | 6782'       |            |
| Graneros    | 6832'       |            |
| Dakota      | 6957'       |            |