

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

UNCLASSIFIED  
EXEMPTIONS OF  
FOIA 5010

DATE: 12/06/2011

LEASE DESIGNATION AND SERIAL NO

SF-078358

6 IF INDIAN ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
2. TYPE OF COMPLETION ☒ NEW WELL ☐ WORK OVER ☐ REPERFORATION ☐ PLUG BACK ☐ DEEP PERFORATION ☐ Other ☐  
3. NAME OF OPERATOR Meridian Oil Inc.  
4. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 505-326-9700  
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1795'FSL, 1730'FEL  
At top prod. interval reported below  
At total depth

7 UNIT AGREEMENT NAME Huerfano Unit  
8. FARM OR LEASE NAME, WELL NO. Huerfano Unit 79M  
9. API WELL NO. 30-045-28948  
10. FIELD AND POOL OR WILDCAT Blanco MV/Basin D  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 26, T-27-N, R-9-W NMMPM  
12. COUNTY OR PARISH San Juan  
13. STATE NM

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 06-04-93 16. DATE T.D. REACHED 06-18-93 17. DATE COMPL. (Ready to prod.) 08-19-93 18. ELEVATIONS (DT, RAB, RT, GL, ETC.)\* 6224'GL  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6804' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY? 2 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Mesa Verde 4405-4750' commingle R9887 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, ML, NGT, LDT/CNL, FMS  
27. WAS WELL CORED yes

28. CARING RECORD (Report all strings set in well)  
CARING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED  
8 5/8" 24.0# 247' 12 1/4" 242 cu.ft.  
4 1/2" 11.6# 6804' 7 7/8" 2858 cu.ft.

29. LINER RECORD  
SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT\* SCREEN (MD)  
30. TUBING RECORD  
SIZE DEPTH SET (MD) PACKER SET (MD)  
2 3/8" 6592'

31. PERFORATION RECORD (Interval, size and number) 4405-4750' w/1 spf 0.28"holes 32 holes  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
4405-4750' 148,000#sand; 164,362 gal.fluid

33. PRODUCTION RECORD  
DATE FIRST PRODUCTION 08-19-93 PRODUCTION METHOD (Flowing, gas lift, pumpjack, etc. and type of pump) Flowing, capable of commercial hydrocarbon prod. WELL STATUS (Producing or shut-in) shut in  
DATE OF TEST 01-12-94 HOURS TESTED 3 hrs CHOKER SIZE 3/4" PROD. FOR TEST PERIOD 1614 bbl  
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL GAS—MCF WATER—BBL OIL GRAVITY-API (CORR.) 900 1200 1981

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold TEST WITNESSED BY R. Culbertson  
35. LIST OF ATTACHMENTS none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from the best of my knowledge and belief.

SIGNED [Signature] TITLE Regulatory Representative DATE 01-31-94  
ACCEPTED FOR RECORD  
FEB 10 1994

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

BY [Signature] NM000

FARMINGTON DISTRICT OFFICE

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. | NAME | TOP         |                  |
|-----------|-----|--------|-----------------------------|------|-------------|------------------|
|           |     |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |

38.

GEOLOGIC MARKERS

|                     |                      |            |                                                                                            |                     |       |  |
|---------------------|----------------------|------------|--------------------------------------------------------------------------------------------|---------------------|-------|--|
| Ojo Alamo           | 1302'                | 1357'      | White, cr-gr ss.                                                                           |                     |       |  |
| Kirtland            | 1357'                | 1814'      | Gry sh interbedded w/tight, gry, fine gr ss.                                               |                     |       |  |
| Fruitland           | 1814'                | 2090'      | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Ojo Alamo           | 1302' |  |
| Fractured Cliffs    | 2090'                | 2588'      | bn gry, fine grn, tight ss.                                                                | Kirtland            | 1357' |  |
| Huerfanto Bentonite | 2588'                | 3012'      | White, waxy chalky bentonite                                                               | Fruitland           | 1814' |  |
| Chacra              | 3012'                | 3695'      | Gry fn grn silty, glauconitic sd stone w/dr k gry shale                                    | Fractured Cliffs    | 2090' |  |
| Cliff House         | 3695'                | 3760'      | ss. Gry, fine-grn, dense sil ss.                                                           | Huerfanto Bentonite | 2588' |  |
| Menefee             | 3760'                | 4400'      | Med-dark gry, fine gr ss, carb sh & coal                                                   | Chacra              | 3012' |  |
| Point Lookout       | 4400'                | 4573'      | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Cliff House         | 3695' |  |
| Mancos              | 4573'                | 5582'      | Dark gry carb sh.                                                                          | Menefee             | 3760' |  |
| Gallup              | 5582'                | 6386'      | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       | Pt. Lookout         | 4400' |  |
| Greenhorn           | 6386'                | 6440'      | Highly calc gry sh w/thin lmst.                                                            | Mancos              | 4573' |  |
| Graneros            | 6440'                | 6543'      | Dk gry shale, fossil & carb w/pyrite incl.                                                 | Gallup              | 5582' |  |
| Palmer              | 6543'                | 6804'      | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks | Greenhorn           | 6386' |  |
| Core #1:            | Cut 30', rec'd 30'   | 2006 2036' |                                                                                            | Graneros            | 6440' |  |
| Core #2:            | Cut 30', rec'd 28'   | 2042 2072' |                                                                                            | Dakota              | 6543' |  |
| Core #3:            | Cut 31', rec'd 30.3' | 2072 2103  |                                                                                            |                     |       |  |

\*Huerfanto Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)