

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

LEASE DESIGNATION AND SERIAL

SF-078880

6. IF INDIAN, ALLOTTEE OR TRIBE #

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 ☐ REPAIR ☐ PLUG ☐ DIFF. ☐ 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 1475' FNL, 1475' FEL

At top prod. interval reported below

At total depth

NSL-3490

14. PERMIT NO.

DATE ISSUED

Sec. 13, T-25-N, R-7-W

12. COUNTY OR

PARISH

13. STATE

Rio Arriba

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DP, RAB, ST, GR, ETC.)* 19. ELEV. CASINGHEAD

8-9-95

8-19-95

12-10-95

6895 GR

6908 KB

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. INTERVALS COMPLETED 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

7461

0-7461

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

27. WAS DIRECTION

SUSPECT MADE

7096-7370 Dakota

28. TYPE ELECTRIC AND OTHER LOGS RUN

AIT-ML-SP-GR, ILP, APS-LDS-GR, DSI, FMT

29. WAS WELL CORING

Sidewall Cores

30. CARING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT FILL
8 5/8	24#	395	12 1/4	590 cu. ft.	
5 1/2	17#	7459	7 7/8	3520 cu. ft.	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2	7292	6500

31. PERFORATION RECORD (Interval, size and number)

7304-7306, 7318-7370, 7096, 7102,
7109, 7164, 7168, 7182, 7208, 7211,
7215, 7234, 7236, 7238, 7249, 7253,
7258

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7096-7258	90,200# 20/40 Econoproc
	65,865 gal 22# x-link
	gel

33. PRODUCTION
DATE FIRST PRODUCTION 12-10-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or Shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-10-95	3	3/4		10	1000	1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GROSS-APT (C)	
SI 2309							

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 12-19-95

*(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 omissions as to any matter within its jurisdiction.

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, core intervals and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recovered):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2128'	2310'	White, cr-gr ss.
Kirtland	2310'	2566'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2566'	2781'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2781'	3171'	Bn-Gry, fine grn, tight ss.
Huerfanto Bentonite*	3171'	3631'	White, waxy chalky bentonite
Chacra	3631'	4335'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Cliff House	4335'	4405'	ss. Gry, fine-grn, dense sil ss.
Menefee	4405'	5028'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5028'	5266'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	5266'	6616'	Dark gry carb sh.
Gallup	6616'	6675'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
Greenhorn	6988'	7052'	Highly calc gry sh w/thin lmst.
Graneros	7052'	7094'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7094'	7422'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
Morrison	7422'	7461'	Interbed grn, brn & red waxy sh & fine to coarse grn ss

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

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE DEPTH
Ojo Alamo	2128'	
Kirtland	2310'	
Fruitland	2566'	
Pictured Cliffs	2781'	
Chacra	3631'	
Cliff House	4335'	
Menefee	4405'	
Point Lookout	5028'	
Mancos	5266'	
Gallup	6616'	
Greenhorn	6988'	
Graneros	7052'	
Dakota	7094'	
Morrison	7422'	

Side wall cores @ 2809-5306, ran 35 cores, recovered 33