

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ 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 1650'FSL, 1840'FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DHC-1169
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
SF-080511

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Harrington #9

9. API WELL NO.
30-039-25503

10. FIELD AND POOL, OR WILDCAT
Otero Cha-Blanco MV-Largo Gal-Basin DK

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

Sec. 31, T-27-N, R-7-W
12. COUNTY OR PARISH Rio Arriba NM
13. STATE

15. DATE SPUDDED 10-20-95 16. DATE T.D. REACHED 10-31-95 17. DATE COMPL. (Ready to prod.) 1-9-96 18. ELEVATIONS (DP, RMB, RT, OR, ETC.)* 6034 GR, 6046 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6901 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY* 4 23. INTERVALS DRILLED BY 0-6901 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6544-6780 Dakota 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN AIT-ML-SP-GR, IPL APS-LDS-GR; DSI; Numar 27. WAS WELL CORRED Yes

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
8 5/8	24#	313	12 1/4	396 cu.ft.	
5 1/2	17#	6900	7 7/8	3161 cu.ft.	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					1 1/2	6694
						4950

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6764-6780, 6544, 6593, 6596, 6632, 6637, 6653, 6665, 6670, 6684, 6693 6700, 6720, 6724, 6728, 6745, 6747		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		6544-6780	98,000# 20/40 Ottawa sd
			33,000# 20/40 Econoprop
			2042 bbl 35# linear gel

33. PRODUCTION							
DATE FIRST PRODUCTION 1-9-96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 1-9-96	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
					350 Pitot Gauge		
FLOW. TUBING PRESS. SI 156	CASING PRESSURE	CALCULATED 24-HOUR RATE	WATER—BSL.	OIL GRAVITY-API (CORR.)			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold TEST WITNESSED BY

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: [Signature] TITLE: Regulatory Administrator DATE: 1-17-96

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

NMOCD

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	1316'	1532'	White, cr-gr ss.	Ojo Alamo	1316'	
Kirtland	1532'	1903'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1532'	
Fruitland	1903'	2178'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1903'	
Pictured Cliffs	2178'	2287'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2178'	
Huerfanito Bentonite*	2659'	3084'	White, waxy chalky bentonite	Lewis	2287'	
Chacra	3084'	3892'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Huerfanito Bent.	2659'	
Cliff House	3892'	3913'	ss. Gry, fine-grn, dense sil ss.	Chacra	3084'	
Menefee	3913'	4483'	Med-dark gry, fine gr ss, carb sh & coal	Cliff House	3892'	
Point Lookout	4483'	4833'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Menefee	3913'	
Mancos	4833'	5612'	Dark gry carb sh.	Pt.Lookout	4483'	
Gallup	5612'	6097'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Mancos	4833'	
Greenhorn	6422'	6482'	Highly calc gry sh w/thin lmst.	Gallup	5612'	
Graneros	6482'	6592'	Dk gry shale, fossil & carb w/pyrite incl.	Juana Lopez	6097'	
Dakota	6592'	6867'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	6422'	
				Graneros	6482'	
				Dakota	6592'	
				Morrison	6867'	

Core #1: 2046-2076, cut 30', rec 30'
Core #2: 2137-2167, cut 30', rec 7'

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