

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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

RECEIVED

JAN 19 1996

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ 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 DHC-1169		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., N., OR BLOCK AND SURVEY OR AREA Sec. 31, T-27-N, R-7-W		12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
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, RKB, ET, GR, 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 60-6901		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6031-6194 Gallup		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 CORED Yes	
28. 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.																	
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD															
										SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										1 1/2		6694		4950											
31. PREPARATION RECORD (Interval, size and number)																									
6031, 6034, 6037, 6042, 6097, 6100, 6102, 6150, 6167, 6194																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD)																									
6031-6194																									
AMOUNT AND KIND OF MATERIAL USED																									
42,439 gal 35# gel																									
39,900# 20/40 Super DC sd																									
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		HOURS TESTED		CHOKED SIZE		PROD'N. FOR TEST PERIOD		OIL—BSL.		GAS—MCF.		WATER—BSL.		GAS-OIL RATIO											
								5		50 Pitot Gauge															
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.		OIL GRAVITY-API (CORR.)													
SI 156																									
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 [Signature] TITLE Regulatory Administrator DATE 1-17-96																									

*(See Instructions and Spaces for Additional Data on Reverse Side) JAN 2 1996

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'	
				Lewis	2287'	
Huerfanito Bentonite*	2659'	3084'	White, waxy chalky bentonite	Huerfanito Bent.	2659'	
				Chacra	3084'	
Chacra	3084'	3892'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Cliff House	3892'	
Cliff House	3892'	3913'	ss. Gry, fine-grn, dense sil ss.	Menefee	3913'	
				Pt.Lookout	4483'	
Menefee	3913'	4483'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	4833'	
				Gallup	5612'	
Point Lookout	4483'	4833'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Juana Lopez	6097'	
				Greenhorn	6422'	
Mancos	4833'	5612'	Dark gry carb sh.	Graneros	6482'	
				Dakota	6592'	
				Morrison	6867'	

Gallup 5612' 6097' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh

Greenhorn 6422' 6482' Highly calc gry sh w/thin lmst.

Graneros 6482' 6592' Dk gry shale, fossil & carb w/pyrite incl.

Dakota 6592' 6867' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

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)