

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>BLM</u>				5. NAME DESIGNATION AND SERIAL NO. SF-079266	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CNVR. ☒ Other <u>93 JUN 25 PM 2:42</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Meridian Oil Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499				8. FARM OR LEASE NAME, WELL NO. Vaughn #30E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1170'FNL, 960'FWL At top prod. interval reported below At total depth				9. API WELL NO. 30-039-23803	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Blanco MV	
15. DATE SPUDDED 10-22-85 16. DATE T.D. REACHED 11-04-85 17. DATE COMPL. (Ready to prod.) 06-11-93 18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 6440'GL 19. ELEV. CASINGHEAD				11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA Sec.28, T-26-N, R-6-W NMPM	
20. TOTAL DEPTH, MD & TVD 7281' 21. PLUG, BACK T.D., MD & TVD 7220' 22. IF MULTIPLE COMPL., HOW MANY* two				12. COUNTY OR PARISH Rio Arriba	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde (4912-5138')				13. STATE NM	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL=CBL				25. WAS DIRECTIONAL SURVEY MADE	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD
9 5/8"		32.3#	225'	12 1/4"	165 cu.ft.
5"		23.3#	7280'	7 7/8"	1817 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"	5054'				
31. PERFORATION RECORD (Interval, size and number)					
4912', 4914', 4918', 4920', 4920', 4922', 4932', 4934', 4936', 4938', 4940', 4942', 4944', 4946', 4948', 4950', 4978', 4990', 4992', 4994', 4996', 4998', 5000', 5002', 5004', 5006', 5032', 5034', 5036', 5040', 5042', 5058', 5060', 5084', 5086', 5116', 5118', 5126', 5128', 5136', 5138'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
4912-5138'			261,340#20/40 sand & 88,422 gal. fluid		
33. PRODUCTION					
DATE FIRST PRODUCTION 06-11-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing-capable of commercial hydrocarbon			WELL STATUS (Producing or shut in) shut in
DATE OF TEST 06-23-93	HOURS TESTED 3 hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BSL. --	GAS—MCF. 3218
WATER—BSL. --	GAS-OIL RATIO --				
FLOW. TUBING PRESS. 1070	CASING PRESSURE 1075	CALCULATED 24-HOUR RATE →	OIL—BSL. --	GAS—MCF. 4632	WATER—BSL. --
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 <u>[Signature]</u> TITLE _____				Regulatory Representative 6-24-93	
JUN 28 1993					

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

NMCCD

FARMINGTON DISTRICT OFFICE

7. 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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2007'	2168'	White, cr-gr ss.	Ojo Alamo	2007'	
Kirtland	2168'	2412'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2168'	
Fruitland	2412'	2654'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2412'	
Pictured Cliffs	2654'	3530'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2654'	
Chacra	3530'	4332'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3530'	
				Mesa Verde	4332'	
				Menefee	4348'	
				Pt.Lookout	4910'	
Mesa Verde	4332'	4910'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5410'	
Point Lookout	4910'	5410'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	5984'	
				Graneros	6896'	
Mancos	5410'	5984'	Dark gry carb sh.	Dakota	7041'	
Gallup	5984'	6841'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh			
Greenhorn	6841'	6896'	Highly calc gry sh w/thin lmst.			
Graneros	6896'	7041'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7041'	7281'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			