

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in
instructions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-079266					
2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CEMVR ☒ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 39-23136					
3. NAME OF OPERATOR Meridian Oil Inc		7. UNIT AGREEMENT NAME					
4. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. FARM OR LEASE NAME, WELL NO. Vaughn #31E					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1890' FSL, 860' FEL At top prod. interval reported below At total depth		9. API WELL NO. 30-039-23936					
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Blanco MV/Badillo DK					
15. DATE SPUDDED 11-20-85		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 29, 26N, 6W					
16. DATE T.D. REACHED 12-2-85		12. COUNTY OR PARISH Rio Arriba					
17. DATE COMPL. (Ready to prod.) 6-2-94		13. STATE NM					
18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 6389 CI		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 7201		21. PLUS, BACK T.D., MD & TVD 7158					
22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS DRILLED BY _____					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4825-5134 Point Lookout		25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL		27. WAS WELL CORED No					
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		
9 5/8	32.2#	223'	12 1/4	153 cu ft			
5	23.2#	7201'	8 3/4 & 7 7/8	1743 cu ft			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5205	
31. PERFORATION RECORD (Interval, size and number) 4825-5134				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZER, ETC.			
				DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED
				4825-5134			180,780# Brady sd, 22,340#RC
							63,850 gal x-link gel
33. PRODUCTION							
DATE FIRST PRODUCTION 6-13-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in)		
DATE OF TEST 6-13-94	HOURS TESTED 3	CHOKER SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BSL.	GAS—MCF. Act 156	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 1120 SICP	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF. 1680	WATER—BSL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Mesaverde Production only				ACCEPTED FOR RECORD			
35. LIST OF ATTACHMENTS				JUL 11 1994			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				FARMINGTON DISTRICT OFFICE			
SIGNED <u>[Signature]</u>		TITLE Regulatory Affairs		DATE 7-6-94			

*(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.

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-logs, 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	1850'	2090'	ss. White cr-grn s.	Ojo Alamo	1850'	
Kirtland	2090'	2345'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	2090'	
Fruitland	2345'	2566'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	2345'	
Pictured Cliffs	2566'	3448'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2566'	
Chacra	3448'	4218'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3448'	
Mesa Verde	4218'	4270'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	4218'	
Menefee	4270'	4820'	Gry, fine-grn s, carb sh & coal	Menefee	4270'	
Point Lookout	4820'	4970'	Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	4820'	
Mancos	4970'	5885'	Gry carb sh.	Mancos	4970'	
Gallup	5885'	6765'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	5885'	
Greenhorn	6765'	6818'	Highly calc gry sh w/thin lmst.	Greenhorn	6765'	
Graneros	6818'	6957'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6818'	
Dakota	6957'	7201'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6957'	