

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

RECEIVED
BLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR ☐ Other ☐		2. NAME OF OPERATOR Meridian Oil Inc.		3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 350'FNL, 775'FWL At top prod. interval reported below 1033'FNL, 864'FWL @ 4677' TVD At total depth 4457'FNL, 1555'FWL or 808'FSL, 1555'FWL @ 5543' TVD		14. PERMIT NO. 30-045-27564		DATE ISSUED		5. LEASE DESIGNATION AND SERIAL NO. SF-081098		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Riddle		9. WELL NO. 1R		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-30-N, R-9-W NMPM		12. COUNTY OR PARISH San Juan		13. STATE NM	
15. DATE SPUDDED 2-11-91		16. DATE T.D. REACHED 3-13-91		17. DATE COMPL. (Ready to prod.) 6-15-91		18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 6247'GL		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD MD 8680' TVD 5543'		21. PLUG BACK T.D., MD & TVD MD 8633' TVD 5527'		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS yes		CABLE TOOLS		24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde (4982-8549')		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/GR/FWS/CBL		27. WAS WELL CORED			
28. CASING RECORD (Report all strings set in well)																															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED																					
13 3/8"		48.0#		217'		17 1/2"		413 cu.ft.		JUL 09 1991																					
9 5/8"		36.0#		3451'		12 1/4"		2164 cu.ft.																							
5 1/2"		17.0#		8681'		8 3/4"		1284 cu.ft.																							
29. LINER RECORD																															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD																					
										SIZE 1 1/2"		DEPTH SET (MD) 7595'		PACKER SET (MD)																	
31. PERFORATION RECORD (Interval, size and number)																															
4982-85', 5180-83', 5262-65', 6092-98', 6230-36', 6315-90', 6515-35', 6585-6605, 6695-6715', 6936-66', 7169-99', 7603-07, 7840-44', 8022-26', 8199-8202', 8351-54, 8547-50', 8200-01', 8352-53', 8548-49'																															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																															
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																													
4982-8549'		559,700# sand;																													
		831,145 gal. fluid																													
6759'		squ w/59 cu.ft. cmt																													
3519'		squ w/118 cu.ft. cmt																													
33. PRODUCTION																															
DATE FIRST PRODUCTION 5-14-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing-capable of comm. hydrocarbon prod.		WELL STATUS (Producing or shut-in) shut in																											
DATE OF TEST 06-26-91		HOURS TESTED 3 hrs		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 530		GAS—MCF. 4244		WATER—BBL. -0-		OIL GRAVITY-API (CORR.)																	
FLOW. TUBING PRESS. 310 36.1		CASING PRESSURE 295 36.5		CALCULATED 24-HOUR RATE →		OIL—BBL. 4244		GAS—MCF. -0-		WATER—BBL. -0-		OIL GRAVITY-API (CORR.)																			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold																															
35. LIST OF ATTACHMENTS temp. survey																															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																															
SIGNED Regulatory Affairs		TITLE Regulatory Affairs		DATE 6-28-91																											

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1680'	1874'	White, cr-gr ss..			
Kirtland	1874'	2680'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2680'	3030'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	1680'	
Pictured Cliffs	3030'	3808'	Br-Grv, fine grn, tight ss.	Kirtland	1874'	
Chacra	3808'	4754'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Fruitland	2680'	
Mesa Verde	4754'	5303'	Light gry, med-fine gr ss, carb sh & coal	Pic.Cliffs	3030'	
Menefee	5303'	6008'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	3808'	
Point Lookout	6008'		Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Mesa Verde	4754'	
				Menefee	5303'	
				Point Lookout	6008'	

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