

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078894	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME Rosa Unit	
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		8. FARM OR LEASE NAME Rosa Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with date requirements)* At surface 1155'FNL, 790'FEL At top prod. interval reported below At total depth		9. WELL NO. 309	
14. PERMIT NO. 30-039-24949		10. FIELD AND POOL OR WILDCAT Basin Fruitland Coa	
DATE ISSUED JUN 5 1991		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 26, T-31-N, R-04-W	
OIL CON. DIV. DIST. 3		12. COUNTY OR PARISH Rio Arriba	
13. STATE NM		19. ELEV. CASINGHEAD	
15. DATE SPUDDED 10/08/90		16. DATE T.D. REACHED 10/12/90	
17. DATE COMPL. (Ready to prod.) 04/03/91		18. ELEVATIONS (OF. RKB. RT. GR. ETC.)* 7039'GL	
20. TOTAL DEPTH, MD & TVD 3894'		21. PLUG. BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS yes	
24. PRODUCTION INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal (3789-3836')		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-LDT-ML-CNL-NGT		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	36.0#	439'	12 1/4"
5 1/2"	15.5#	3894'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3822'		
31. PERFORATION RECORD (Interval, size and number) 3789-98', 3829-36' w/4 spf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3789-3836'		7,740# 40/70 sand	
		56,760# 20/40 sand	
		59,190 gal. fluid	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
shut in, waiting on pipeline; capable of commercial hydrocarbon production			
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
		1917MCF—pit	
WATER—BBL.		GAS-OIL RATIO	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 3800' 1258			
35. LIST OF ATTACHMENTS none			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from available records			
SIGNED <i>[Signature]</i>		TITLE <i>Regulatory Affairs</i>	
DATE <i>4-30-91</i>			

*(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, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3312'	3440'	White, cr-gr ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs		
Kirtland	3440'	3705'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3705'	3839'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.			
Pictured Cliffs	3839'	3894'	Bn-Gry, fine grn, tight ss.			

38. GEOLOGIC MARKERS