

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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  **RECEIVED**  
**FARMINGTON RESOURCE AREA**  
**FARMINGTON, NEW MEXICO**  
**89 FEB 24 AM 8:01**

b. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP EN  PLUG BACK  DIFF. RESERV.

2. NAME OF OPERATOR  
Meridian Oil Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1850'N, 830'E  
At top prod. interval reported below  
At total depth

**RECEIVED**  
**MAR 01 1989**  
**OIL CON. DIV.**  
**DIST. 3**

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078200B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Riddle B

9. WELL NO.  
223

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC. T., R., M. OR BLOCK AND SURVEY OR AREA  
Sec. 23, T30N, R10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10-23-88 16. DATE T.D. REACHED 10-27-88 17. DATE COMPL. (Ready to prod.) 11-3-88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6257' GL 19. ELEV. CASINGHEAD 6257'

20. TOTAL DEPTH, MD & TVD 2908' KB 21. PLUG BACK T.D., MD & TVD 2897' 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 2669'-2874' (Fruitland Coal) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN SDDSNII, DISGL, CSNGRL 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	242'	12 1/4"	177 cf	
7"	20#	2908'	8 3/4"	821 cf	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
No Liner					2 3/8"	2865'	

31. PERFORATION RECORD (Interval, size and number)  
2669'-71'; 2675'-79'; 2705'-07';  
2738'-52'; 2756'-63'; 2773'-79';  
2826'-32'; 2870'-74'; 2/SPF.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2669'-2874'	180,000# sand; 115,900 gals. wtr.

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing-capable of comm. HC; to be sold when connected WELL STATUS (Producing or shut-in) SIWOPL

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) SI-202 SI-815

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold BHP @ 2816' 918 psig TEST WITNESSED BY

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] Regulatory Affairs DATE 1-10-89

\*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1600'	1722'	ss. White cr-grn s.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	1600'	
Kirtland	1722'	2604	Gry sh interbedded w/tight gry fine-grn ss.		1722'	
Fruitland	2604'	2880	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.		2604'	
Pictured Cliffs	2880'	2908'	Gry, fine-grn tight, varicolored soft ss.		2880'	