

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved, C
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 OTHER 14 IN 3-31

b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. CENAR ☐ 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 1300'S, 905'W
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
SF-078773

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Rosa Unit

8. FARM OR LEASE NAME
Rosa Unit

9. WELL NO.
259

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SECTION, T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 33, T-31-N, R-5-W
NMMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. PERMIT NO. 30-039-24612 DATE ISSUED FEB 26 1990

15. DATE SPUDDED 12-18-89 16. DATE T.D. REACHED 01-02-90 17. DATE COMPL. (Ready to prod.) 01-11-90 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6520' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3402' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY ROTARY TOOLS Yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Fruitland Coal (3232-3352') No

25. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-HRL-LDT-CNL-NGT-ML 27. WAS WELL CORDED no

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"	40.0#	230'	12 1/4"	184 cu.ft.	
7 "	23.0#	3217'	8 3/4"	1020 cu.ft.	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	3153	3400'	76 cu.ft.		2 3/8"	3387'	

31. PERFORATION RECORD (Interval, size and number)
3232-35', 3238-41', 3260-64',
3314-17', 3332-52' w/2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
squeeze holes @ 3346 & 3175', cmt. retained	
set @ 3288'	squeezed w/59 cu.ft.

33. PRODUCTION

DATE FIRST PRODUCTION 01-10-90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) TSTM - 0 MCFD WELL STATUS (Producing or abandoned) Accepted For Record

Shut-in waiting on pipeline connection, capable of commercial hydrocarbon prod.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
01-10-90							
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 287	SI 358						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold BHP @ 3380' 1735 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] TITLE Regulatory Affairs DATE 2-12-90

*(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	2664'	2803'	White, cr-gr ss..			
Kirtland	2803'	3182'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3182'	3361'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	2664' 2803' 3182' 3361'	
Pictured Cliffs	3361'	3402'	Bn-Gry, fine grn, tight ss.			