

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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 ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

3. NAME OF OPERATOR

Meridian Oil Inc.

4. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 505-326-9700

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 995'FSL, 2335'FW:L

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

08-10-93

16. DATE T.D. REACHED

08-18-93

17. DATE COMPL. (Ready to prod.)

09-05-93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6860'GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6599'

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Mesa Verde (4625-6489')

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNT/LDT/HRT/DIL/GR/CAL

27. WAS WELL CORED

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	WELL SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	215'	12 1/4"	189 cu.ft.	
7"	20.0#	4034'	8 3/4"	1042 cu.ft.	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
4 1/2"	3880'	6599'	557 cu.ft.	

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6468'	

31. PREPARATION RECORD (Interval, size and number)

4625-5334 (0.28") 33 holes

5448-5991 (0.28") 31 holes

6041-6489' (0.28") 36 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4625-5334'	106,710#sand; 147,830 gal.fluid
5448-5991'	106,000#sand; 177,618 gal.fluid
6041-6489'	96,060#sand; 142,015 gal.fluid

33.

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
09-05-93		flowing, capable of commercial hydrocarbon prod.				shut in	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-01-93	3	3/4"	→		2214	heavy mist	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
617	748	→		5160			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

to be sold

TEST WITNESSED BY

G. Archibeque

35. LIST OF ATTACHMENTS

none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

SIGNED

Regulatory Representative

TITLE

DATE

11-13-93

(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.

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

38.

GEOLOGIC MARKERS

Ojo Alamo	2290'	2370'	White, cr-gr ss.	Ojo Alamo	2290'	
Kirtland	2370'	3095'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2370'	
Fruitland	3095'	3708'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3095'	
Pictured Cliffs	3708'	4570'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3708'	
Huerfanito Bentonite*	4570'	5440'	White, waxy chalky bentonite	Huerfanito Bent.	4570'	
Chacra	na'	na'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	na'	
Cliff House	5440'	5825'	ss. Gry, fine-grn, dense sil ss.	Cliff House	5440'	
Menefee	5825'	6040'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5825'	
Point Lookout	6040'	6599'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	6040'	

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)