

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM-03017	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. REVR. ☐ Other ☐		7. UNIT AGREEMENT NAME Huerfano Unit	
2. NAME OF OPERATOR Meridian Oil Inc.		8. FARM OR LEASE NAME, WELL NO. Huerfano Unit #258	
3. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 505-326-9700		9. API WELL NO. 30-045-21409	
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements). At surface 990' FSL, 990' FEL At top prod. interval reported below At total depth		10. FIELD AND POOL OR WILDCAT Basin Ft. Coal/ Fulcher Kutz PC	
14. PERMIT NO.		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec 36, T-27-N, R-10-W NMMPM	
15. DATE SPUDDED 03-26-74		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 04-05-74		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 02-21-94		18. ELEVATIONS (OF. RKB. RT. GR. ETC.) * 6496'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6153'	
21. PLUG. BACK T.D., MD & TVD 2281'		22. IF MULTIPLE COMPL. HOW MANY * 2	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * Pictured Cliffs 2248-55' commingle R-9921	
25. TYPE ELECTRIC AND OTHER LOGS RUN GSL-CBL, DCL		26. WAS WELL CORED	
27. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24.0#	208'	12 1/4"
4 1/2"	10.5#	6153'	7 7/8"
28. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
2 3/8"	2211'		
29. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2211'		
30. PERFORATION RECORD (Interval, size and number)			
2248-55' w/4 spf			
31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2248-55'		100,000#sand; 17,556 gal. fluid	
32. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		flowing, capable of commercial hydrocarbon production	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
		shut in	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS—MCF.
SI 500	SI 501		266 mcf- bitot gge
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
to be sold BHP @ 2211' 526			
34. LIST OF ATTACHMENTS			
none			

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

SIGNED *[Signature]*

TITLE Regulatory Representative

DATE APR 05 1994

*(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.

NM000

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	1295'	1470'	White, cr-gr ss.	Ojo Alamo	1295'	
Kirtland	1470'	1985'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1470'	
Fruitland	1985'	2244'	Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss.	Fruitland	1985'	
Pictured Cliffs	2244'	3806'	Bn gry, fine grn, tight ss.	Pic. Cliffs	2244'	
Chacra	na'	na'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	na	
Mesa Verde	3806'	4680'	Light gry, med fine gr ss, carb sh & coal	Mesa Verde	3806	
				Pt. Lookout	4680	
				Mancos	na	
				Gallup	5722	

Point Lookout 4680' 5722'
Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation

Mancos na' na'
Dark gry carb sh.

Gallup 5722' '
Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh

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1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☒

DIFF. CENVR ☐

Other ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with BLM requirements)

At surface

990'FSL, 990'FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DIST. 3

DATE ISSUED

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME, WELL NO.

Huerfano Unit #258

9. API WELL NO.

30-045-21409

10. FIELD AND POOL OR WILDCAT

Basin Ft Coal/

Butcher Kutz PC

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 36, T-27-N, R-10-W
NMMP

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 03-26-74 16. DATE T.D. REACHED 04-05-74 17. DATE COMPL. (Ready to prod.) 02-21-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6496' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6153' 21. PLUG. BACK T.D., MD & TVD 2281' 22. IF MULTIPLE COMPL. HOW MANY? 2 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Fruitland Coal 2090-2233' commingle R-9921 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

GSL-CBL, DCL

27. WAS WELL CORRED

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	208'	12 1/4"	183 cu.ft.	
4 1/2"	10.5#	6153'	7 7/8"	1166 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2211'	

31. PERFORATION RECORD (Interval, size and number)

2181-2233' w/4 spf
2090-2123' w/4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2181-2233'	100,000#sand; 17,556 gal fluid
2090-2123'	65,000#sand; 12,222 gal gel

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		flowing, capable of commercial hydrocarbon production				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
			→		266 mcf-	bitot gge	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 500	SI 501	→					

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

to be sold BHP @ 2211' 526

ACCEPTED FOR RECORD

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

TITLE

Regulatory Representative

DATE 03-29-94

FARMINGTON DISTRICT OFFICE

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Fruitland	1985'	2244'	Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss.	Fruitland	1985'	
Pictured Cliffs	2244'	3806'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2244'	
Chacra	na'	na'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	na	
Mesa Verde	3806'	4680'	Light gry, med fine gr ss, carb sh & coal	Mesa Verde	3806	
Point Lookout	4680'	5722'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	4680	
Mancos	na'	na'	Dark gry carb sh.	Mancos	na	
Gallup	5722'		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5722	