

(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-077950

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Huerfano Unit

8. FARM OR LEASE NAME, WELL NO.
Huerfano Unit 549

9. API WELL NO.
30-045-28943

10. FIELD AND POOL, OR WILDCAT
Basin Ft Coal/Pulcher Kutza

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

Sec 33, T-27-N, R-10-W
NMPM

12. COUNTY OR
PARISH
San Juan

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 505-326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At surface 1190' FNL, 890' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 11-09-93 16. DATE T.D. REACHED 11-17-93 17. DATE COMPL. (Ready to prod.) 11-29-93 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6159' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2049' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Fruitland Coal 1692-1852' commingled R-9921

26. TYPE ELECTRIC AND OTHER LOGS RUN
Comp Dens/GR-CCL/Dual Ind SSL/Micro 27. WAS WELL CORRED no

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#	221'	12 1/4"	277 cu.ft.	
4 1/2"	10.5#	2049'	7 7/8"	808 cu.ft.	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1854'	

31. PREPARATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1692-1707' w/4 spf (0.41") 64 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1836-52' w/4 spf (0.41") 64 holes		1692-1707'	71,900#sand; 12978 gal.gel N2
		1836-1852'	60,500#sand; 12685 gal.gel N2

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumpjack—size and type of pump)				WELL STATUS (Producing or shut-in)	
		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
					154 344 mcf+pitot gge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF	WATER—BSL	OIL GRAVITY-API (CORR.)	
SI 188	SI 188						

34. DISPOSITION OF GAS (Bled, used for fuel, vented, etc.) to be sold BHP @ 1965' 239

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 Representative DATE 12-15-93

*(See Instructions and Spaces for Additional Data on Reverse Side) DEC 22 1993

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.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	875	977	White, cr-gr ss.			
Kirtland	977	1556	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	1556	1861	Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss.	Ojo Alamo	875	
				Kirtland	977	
				Fruitland	1556	
Pictured Cliffs	1861	2049	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1861	

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Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Huerfano Unit8. FARM OR LEASE NAME, WELL NO.
Huerfano Unit 5499. API WELL NO.
30-045-2894310. FIELD AND POOL, OR WILDCAT
Basin Ft Coal/Fulcher Kutz
PC11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec 33, T-27-N, R-10-W
NMPM12. COUNTY OR
PARISH
San Juan13. STATE
NM**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____2. NAME OF OPERATOR
Meridian Oil Inc.3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 505-326-97004. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)
At surface 1190' FNL, 890' FEL

At top prod. interval reported below

At total depth

RECEIVED
DEC 27 1993

OIL CON. DIV.
DIST. 3

15. DATE SPUDDED 11-09-93	16. DATE T.D. REACHED 11-17-93	17. DATE COMPL. (Ready to prod.) 11-29-93	18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6159' GR	19. ELEV. CASINGHEAD
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20. TOTAL DEPTH, MD & TVD 2049'	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 1860-72'	25. WAS DIRECTIONAL SURVEY MADE commingled R-9921
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26. TYPE ELECTRIC AND OTHER LOGS RUN Comp Dens/GR CCL/ Dual Ind SSL/ Micro	27. WAS WELL CORED no
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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#	221'	12 1/4"	277 cu.ft.	
4 1/2"	10.5#	2049'	7 7/8"	808 cu.ft.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1854'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1860-72' w/4 spf (0.41"holes) 48 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		1860-72'	107,300 Sand; 14,112 gal. gel N2

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing, capable of commercial hydrocarbon prod.				WELL STATUS (Producing or shut-in) shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
					344 mcf	pitot gge	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 188	SI 188						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 1965' 239	TEST WITNESSED BY
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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.	ON RECORD
SIGNED <u>[Signature]</u> TITLE Regulatory Representative	DATE 12-15-93
	DEC 23 1993

*(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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH

Ojo Alamo	875	' 977 '	White, cr-gr ss.	Ojo Alamo	875	'
Kirtland	977	' 1556 '	Gry sh interbedded w/light, gry, fine-gr ss.	Kirtland	977	'
Fruitland	1556	' 1861 '	Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss.	Fruitland	1556	'
Pictured Cliffs	1861	' 2049 '	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1861	'