

(October 1990)

**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

5. LEASE DESIGNATION AND SERIAL NO.

Jic. Contract 98

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Jicarilla 98 #5A

9. API WELL NO.

30-039-25310

10. FIELD AND POOL, OR WILDCAT

Tapacitos PC

Blanco Mesa Verde

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

Sec 20, T-26-N, R-3-W

NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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. ENTRY ☐ 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

At top prod. interval reported below

At total depth

1495' FNL, 880' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-11-93

16. DATE T.D. REACHED

10-25-93

17. DATE COMPL. (Ready to prod.)

12-05-93

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

7094'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6460'

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

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 3776-4770'

commingle DHC 923

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-LDT-CNL-ML-Temp

27. WAS WELL CORED

no

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
9 5/8"	36.0#	223'	12 1/4"	240 cu.ft. 2/0	
7"	20.0#	4145'	8 3/4"	1174 cu.ft. 7/1	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3983'	6460'	507 cu.ft.		2 3/8"	6270'	

31. PERFORATION RECORD (Interval, size and number)

3776-4770' w/2 spf 0.31" hole 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3776-4770'	76,000# sand; 21,421 gal. x-link g
2564' squeeze w/150 sx cmt	
4137' squeeze w/150 sx cmt	
2470' squeeze w/200 sx cmt	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-05-93		flowing, capable of commercial hydrocarbon production				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
01-06-94	3 hrs	3/4"	→		2309		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
600	825	→		4667	2257		

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

to be sold

TEST WITNESSED BY

B. Applegate

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

03-07-94

*(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.

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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	3298'	3454'	White, cr-gr ss.			
Kirtland	3454'	3533'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3533'	3765'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	3298'	
Pictured Cliffs	3765'	4709'	Bn-Gry, fine grn, tight ss.	Kirtland	3454'	
Chacra	4709'	5441'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Fruitland	3533'	
Mesa Verde	5441'	5548'	Light gry, med-fine gr ss, carb sh & coal	Pic.Cliffs	3765'	
Menefee	5548'	5904'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	4709'	
Point Lookout	5904'	6460'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Mesa Verde	5441'	
Mancos	na'	na'	Dark gry carb sh.	Menefee	5548'	
				Pt.Lookout	5904'	
				Mancos	na	

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. Jic. Contract 98																			
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache																			
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME																			
3. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 505-326-9700		8. FARM OR LEASE NAME, WELL NO. Jicarilla 98 #5A																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface At top prod. interval reported below At total depth		9. API WELL NO. 30-039-25310																			
14. PERMIT NO. DATE ISSUED 12-05-93		10. FIELD AND POOL, OR WILDCAT Tapachula PG/ Blanco Mesa Verde																			
15. DATE SPEC'D 10-11-93		11. SEC. T. R. N. OR BLOCK AND SURVEY OR AREA Sec 20, T-26-N, R-3-W NMPM																			
16. DATE T.D. REACHED 10-25-93		12. COUNTY OR PARISH Rio Arriba																			
17. DATE COMBL. Ready to prod. 12-05-93		13. STATE NM																			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 7094'		19. ELEV. CASING HEAD																			
20. TOTAL DEPTH, MD & TVD 6460'		21. PLUG BACK T.D., MD & TVD																			
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): Mesa Verde 5446-6279		25. WAS DIRECTIONAL SURVEY MADE commingle DHC 923																			
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-LDT-CNL-ML-Temp		27. WAS WELL CORED no																			
28. CASING RECORD (Report all strings set in well)																					
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold																					
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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
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GEOLOGIC MARKERS

Ojo Alamo	3298'	3454'	White, cr-gr ss.	Ojo Alamo	3298'	
Kirtland	3454'	3533'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3454'	
Fruitland	3533'	3765'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3533'	
Pictured Cliffs	3765	4709'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3765	
Chacra	4709'	5441'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	4709	
Mesa Verde	5441'	5548'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5441	
Menefee	5548'	5904'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5548	
Point Lookout	5904'	6460'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	5904	
Mancos	na'	na'	Dark gry carb sh.	Mancos	na	

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4. ADDRESS AND TELEPHONE NO. <u>PO Box 4289, Farmington, NM 87499 505-326-9700</u>		8. FARM OR LEASE NAME, WELL NO. <u>Jicarilla 98 #5A</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>495' FNL, 880' FWL</u> At top prod. interval reported below _____ At total depth _____		9. API WELL NO. <u>30-039-25310</u>	
14. PERMIT NO. <u>CON. DIV.</u> DATE ISSUED _____		10. FIELD AND POOL OR WILDCAT <u>Tapacitos PC/</u> <u>Blanco Mesa Verde</u>	
15. DATE SPICED <u>10-11-93</u>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec 20, T-26-N, R-3-W</u> <u>NMPM</u>	
16. DATE T.D. REACHED <u>10-25-93</u>		12. COUNTY OR PARISH <u>Bio Arriba</u>	
17. DATE COMPLETION (Ready to prod.) <u>12-05-93</u>		13. STATE <u>NM</u>	
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* <u>7094'</u>		19. ELEV. CASING HEAD	
20. TOTAL DEPTH, MD & TVD <u>6460'</u>	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY* <u>2</u>	23. INTERVALS DRILLED BY <u>ROTARY TOOLS</u> CABLE TOOLS
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26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIL-LDT-CNL-ML-Temp</u>			27. WAS WELL CORED <u>no</u>
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TOP OF CEMENT, CEMENTING RECORD		AMOUNT FULLED	
<u>240 cu.ft.</u>			
<u>1174 cu.ft.</u>			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
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FLOW, TUBING PRESS. <u>600</u>	CASING PRESSURE <u>825</u>	CALCULATED 24-HOUR RATE <u>→</u>	OIL—BSL. GAS—MCF. WATER—BSL. GAS-OIL RATIO <u>4667 275</u>
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>to be sold</u>			TEST WITNESSED BY <u>B. Applegate</u>
35. LIST OF ATTACHMENTS <u>none</u>			
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