

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAR WELL ☒	DRY ☐	Other _____								
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐								
			DIFF. CAMER. ☐	Other _____									
2. NAME OF OPERATOR <u>Meridian Oil Inc.</u>													
3. ADDRESS AND TELEPHONE NO. <u>PO Box 4289, Farmington, NM 87401</u>													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1850' FNE 04 1840' FWL</u> At top prod. interval reported below _____ At total depth _____													
15. DATE SPUDDED <u>10-11-93</u>		16. DATE T.D. REACHED <u>10-21-93</u>		17. DATE COMPL. (Ready to prod.) <u>12-15-93</u>									
18. ELEVATIONS (OF. HKS. RT. GR. ETC.)* <u>6930'</u>		19. ELEV. CASINGHEAD											
20. TOTAL DEPTH, MD & TVD <u>6310'</u>		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY* <u>2</u>									
23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Pictured Cliffs 3614-4617'</u> <u>commingle DHC 929</u>													
25. WAS DIRECTIONAL SURVEY MADE													
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIL-LDT-CNL-ML-Temp</u>													
27. WAS WELL CORED <u>no</u>													
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								
<u>9 5/8"</u>	<u>36.0#</u>	<u>225'</u>	<u>12 1/4"</u>	<u>240 cu.ft.</u>									
<u>7"</u>	<u>20.0#</u>	<u>3183'</u>	<u>8 3/4"</u>	<u>1150 cu.ft.</u>									
29. LINER RECORD													
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)									
<u>4 1/2"</u>	<u>3856</u>	<u>6310</u>	<u>516 cu.ft.</u>										
30. TUBING RECORD													
SIZE	DEPTH SET (MD)	PACKER SET (MD)											
<u>2 3/8"</u>	<u>6101'</u>												
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
<u>3614-3665', 4555-4617'</u>			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td><u>3614-4617'</u></td> <td><u>79,000# 20/40 sand; 22,533 gal. fluid</u></td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	<u>3614-4617'</u>	<u>79,000# 20/40 sand; 22,533 gal. fluid</u>				
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED												
<u>3614-4617'</u>	<u>79,000# 20/40 sand; 22,533 gal. fluid</u>												
33. PRODUCTION													
DATE FIRST PRODUCTION <u>12-15-93</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>flowing, capable of commercial hydrocarbon production</u>			WELL STATUS (Producing or shut-in) <u>shut in</u>								
DATE OF TEST <u>12-28-93</u>	HOURS TESTED <u>3 hrs</u>	CHOKES SIZE <u>3/4"</u>	PROD'N. FOR TEST PERIOD <u>2897</u>	OIL—BSL. <u>2897</u>	GAS—MCF. <u>5430</u>								
WATER—BSL.	GAS-OIL RATIO												
FLOW. TUBING PRESS. <u>890</u>	CASING PRESSURE <u>980</u>	CALCULATED 24-HOUR RATE <u>2475</u>	OIL—BSL.	GAS—MCF.	WATER—BSL.								
OIL GRAVITY-API (CORR.)													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>to be sold</u>					TEST WITNESSED BY <u>D. Randall</u>								
35. LIST OF ATTACHMENTS <u>none</u>													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>[Signature]</u>		TITLE <u>Regulatory Representative</u>		DATE <u>03-15-94</u>									

*(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.

NMCCD

17. 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	3136'	3304'	White, cr-gr ss.	Ojo Alamo	3136'	
Kirtland	3304'	3408'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3304'	
Fruitland	3408'	3606'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3408'	
Pictured Cliffs	3606'	4552'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3606'	
Chacra	4552'	5306'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4552'	
Mesa Verde	5306'	5396'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5306'	
Menefee	5396'	5744'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5744'	
Point Lookout	5744'	6310'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	5744'	
Mancos	na'	na'	Dark gry carb sh.	Mancos	na	

**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

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 #11A

9. API WELL NO.

30-039-25308

10. FIELD AND POOL, OR WILDCAT

Tapacitos Pie-Cliffs/
Blanco Mesa Verde

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

Sec 18, T-26-N, R-3-W
NMPM

12. COUNTY OR PARISH

Rio Arriba

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVEN. ☐ Other _____

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 4289 Farmington, NM 87499

4. LOCATION OF WELL (If not in accordance with any State requirements):

At surface

At top prod. interval 1850' CNL, 1840' FWL

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-11-93

16. DATE T.D. REACHED

10-21-93

17. DATE COMPL. (Ready to prod.)

12-15-93

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

6930'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6310'

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 5358-6114'

commingle DHC 929

10-6-93

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#	225'	12 1/4"	240 cu.ft. 2/0	
7"	20.0#	3183'	8 3/4"	1150 cu.ft. 7/6	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKED SET (MD)
4 1/2"	3856	6310	516 cu.ft.		2 3/8"	6101'	

31. PERFORATION RECORD (Interval, size and number)

5358-5840' w/0.48"holes 2 spf 80 holes
 5358-5487', 5492-5705', 5767-6114' w/0.31"
 holes 2 spf 34 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5358-5840'	140,000#sand; 120,182 gal.fluid
5358-6114'	26,200#sand; 57,745 gal.fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-15-93		flowing, capable of commercial hydrocarbon production				shut in	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-28-93	3 hrs	3/4"	→		2897		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
890	980	→		2897 (260)			

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

to be sold

TEST WITNESSED BY

D. Randall

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

Regulatory Representative

03-15-94

SIGNED

TITLE

DATE

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

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