

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other Disposal Well
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other See Note #1

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS OF OPERATOR
P. O. Box 4289, Farmington, NM 87499

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

At surface 1120'N 870'E

At top prod. interval reported below Same

At total depth Same

RECEIVED

DEC 16 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. DATE ISSUED
07-13-84

5. LEASE DESIGNATION AND SERIAL NO.

76789-2 (SF-078741)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 30-6 Unit

8. FARM OR LEASE NAME

San Juan 30-6 Unit

9. WELL NO.

112Y

10. FIELD AND POOL, OR WILDCAT

Morrison/Entrada

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

Sec. 26, T-30-N, R-6-W NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 8-6-84 16. DATE T.D. REACHED 11-17-84 17. DATE COMPL. 9-26-86 (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6675' GL 19. ELEV. CASINGHEAD 6675'

20. TOTAL DEPTH, MD & TVD 14030' 21. PLUG, BACK T.D., MD & TVD 9266' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY 14030' ROTARY TOOLS None CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
9052-9245' (Entrada)
8520-8880' (Lower Morrison)
8221-8468' (Upper Morrison) 25. WAS DIRECTIONAL SURVEY MADE, N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL/CBL 27. WAS WELL CORED N/A

28. CASING RECORD (Report all strings used, including casing)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	
SEE ORIGINAL WELL COMPLETION LOG ATTACHED					

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
SEE ORIGINAL WELL COMPLETION ATTACHED					<u>4 1/2"</u>	<u>8016'</u>	<u>8016'</u>

31. PERFORATION RECORD (Interval, size and number) Press test csg to 6000#/ok. Perf'd (Entrada) 9052-9245' w/1 SPF. Perf'd (Lower Morrison) 8520-8562, 8574-8634, 8646-8670, 8720-8732, 8766-8780, 8800-8880' w/1 SPF. Perf'd (Upper Morrison) *See Perf's Cont./Back 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
9052-9245' Frac'd w/80,000# 20/40 sand & 90,000 gal fluid
8520-8880' Frac'd w/98,500# 20/40 sand & 91,000 gal fluid
8221-8468' Frac'd w/45,500# 20/40 sand & 44,000 gal fluid

33. DATE FIRST PRODUCTION NOT APPLICABLE PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL USED FOR WATER DISPOSAL PURPOSES.

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BSL. GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.)							

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

35. LIST OF ATTACHMENTS ORIGINAL WELL COMP. REPORT, SUNDRY NOTICE RELATING TO PLUG BACK & COMPLETION OPERATIONS.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Drilling Clerk DATE DEC 16 1986

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
SEE INFORMATION ON THE ATTACHED WELL COMPLETION FORM FOR SUMMARY OF POROUS ZONES & GEOLOGIC MARKERS ELECTRIC LOG INFORMATION.						
NOTE #1 - PLUG BACK EXISTING WELL BORE TO 9266'.						
*CONTINUED PERF'S:						
8221-8230, 8247-8254, 8258, -8300, 8330-8344, 8398-8440, 8456-8468				w/1 SPH.		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other _____

2. NAME OF OPERATOR **Phillips Oil Company**

3. ADDRESS OF OPERATOR **8055 East Tufts Avenue Parkway
Denver, Colorado 80237**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1120' FNL 870' FEL Sec. 26 T30N-R6W**

At top prod. interval reported below **Same**

At total depth **Same**

Last deviation was **3/4° at TD**

14. PERMIT NO. _____ DATE ISSUED **July 13, 1984**

15. DATE SPUDDED **Aug. 6, 1984** 16. DATE T.D. REACHED **Nov. 17, 1984** 17. DATE COMPL. (Ready to prod.) **June 13, 1985**

18. ELEVATIONS (OF RKB, RT, GR, ETC.)* **6702 RKB** 19. ELEV. CASINGHEAD **6678'**

20. TOTAL DEPTH, MD & TVD **14,030' MD** 21. PLUG BACK T.D., MD & TVD **13,960' PBDT** 22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY _____ ROTARY TOOLS **14,030'** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Barker Creek Top 13,975' Bottom 13,214' MD

25. WAS DIRECTIONAL SURVEY MADE **Yes—See attached Sundry Notice**

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED **Yes**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"	94	60'	36"	260 ft. Class B Cement	N/A
20"	133	532'	26"	1160 ft. 20% Diacel Class B + 350 ft. Class B	N/A
13 3/8"	72	4040'	17 1/2"	3100 ft. Foamed + 805 ft. Class B	N/A
9 5/8" & 9 7/8"	57 & 62.8	8105'	12 1/4"	2360 ft. 20% Diacel & Class B + 1080 ft. Class B	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
7"	7756'	14,026'	598	N/A

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
13,195' to 13,214' 2 shots per foot with 22.7 gram DML charges (39 shots)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
Top of liner 7756' Squeezed w/600 sacks Class H
13,195' to 13,214' 83,000 lbs 20/40 Interprop

33.* PRODUCTION

DATE FIRST PRODUCTION **June 2, 1985** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut-in**

DATE OF TEST **June 13, 1985** HOURS TESTED **24 hours** CHOKER SIZE **8/64** PROD'N. FOR TEST PERIOD **→** OIL—BBL. **0** GAS—MCF. **280.5 MCFD** WATER—BBL. **40.08** GAS-OIL RATIO **N/A**

FLOW. TUBING PRESS. **1200** CASING PRESSURE **0** CALCULATED 24-HOUR RATE **→** OIL—BBL. **0** GAS—MCF. **280.5 MCF** WATER—BBL. **40.08** OIL GRAVITY-API (CORR.) **ACCEP**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Flared** TEST WITNESSED BY **Mr. Sonnenberg**

35. LIST OF ATTACHMENTS **Sundry Notices relating to Directional Surveys**

36. I hereby certify that the foregoing and attached information is complete and correct.

SIGNED **Donald W. Burk**

TITLE **Drilling Manager**

DATE BY **3 Feb 85**

*(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.

Geologic Markers

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.		
Entrada Akah Barker Ck. Barker Ck. Barker Ck. Molas Ourray	9030'	N/A	ELECTRIC LOG CALCULATIONS		
			Avg. Porosity	SW	Remarks
			4	100%	Interdune (F.T. = 200°)
			14	47%	Channel Sand
			7	53%	Sandstone
			8	54%	Sandstone
			9	56%	Sandstone
			8	50%	Sandstone
			8	56%	Dolomite

38.

Geologic Markers

Electric Log Formation

NAME	MEAS. DEPTH	TOP TOPS	
		TRUE VERT. DEPTH	Same as measured depth
Mesa Verde	5,549		
Pt Lookout	5,803		
Mancos	6,096		
Gallup	6,893		
Greenhorn	7,796		
Graneros	7,852		
Dakota	7,972		
Todilto	8,954		
Entrada	9,020		
Chinle	9,242		
Shinarump	9,782		
Cuttler	10,186		
Hermosa	12,178		
Ismay	12,336		
Cesert CK	12,594		
Akah	12,704		
Barker Creek	13,088		
Alkali Gulch	13,442		
Pinkerton Trail	13,646		
Molas	13,770		
Leadville	13,910		
Ourray	13,971		
Pre Cambrian	13,983		