

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐
2. NAME OF OPERATOR
Meridian Oil Inc.
3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1700' South, 1055' East
At top prod. interval reported below
At total depth
5. LEASE DESIGNATION AND SERIAL NO.
NM 02758
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Murphy D
9. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde
11. SEC., T., R., M., OR BLOCK AND SURVEY AREA
Sec. 27, T-30-N, R-11-W
NMPM
12. COUNTY OR PARISH
San Juan
13. STATE
NM
14. PERMIT NO.
15. DATE SPUNDED
10-14-87
16. DATE T.D. REACHED
10-21-87
17. DATE COMPL. (Ready to prod.)
11-17-87
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5976' GL
19. ELEV. CASINGHEAD
5976' GL
20. TOTAL DEPTH, MD & TVD
5117'
21. PLUG, BACK T.D., MD & TVD
5099'
22. IF MULTIPLE COMPL., HOW MANY*
1
23. INTERVALS DRILLED BY
Rotary
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4249-4960' (Mesa Verde)
25. WAS DIRECTIONAL SURVEY MADE
no
26. TYPE ELECTRIC AND OTHER LOGS RUN
Sandcal; Spectral Density Epithermal Neutron; Ind.Temp
27. WAS WELL CORRED
no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	223'	12 1/4"	130 cu.ft.	
7"	20.0#	2721'	8 3/4"	522 cu.ft.	
4 1/2"					

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4 1/2"	2567'	5116'	448 cu.ft.		2 3/8"	4963'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4249, 4254, 4276, 4280, 4316, 4335, 4357, 4361, 4365, 4482, 4571, 4656, 4660, 4664, 4668, 4672, 4676, 4680, 4697, 4700', 4717', 4720', 4730', 4738', 4743', 4750, 4792, 4833, 4846, 4857, 4866, 4902, 4906, 4932, 4954, 4960 w/1 spz.		4249-4571'	54,000#sand; 76,000 gal. fluid
		4656-4960'	103,000#sand; 131,700 gal. fluid

33.* PRODUCTION
DATE FIRST PRODUCTION
11-17-87
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
Flowing—to be sold when connected
WELL STATUS (Producing or shut-in)
Shut in
DATE OF TEST
12-02-87
HOURS TESTED
3 hrs
CHOKE SIZE
3/4"
PROD'N. FOR TEST PERIOD
OIL—BBL.
490
GAS—MCF.
3917
WATER—BBL.
-
GAS-OIL RATIO
-
FLOW. TUBING PRESS.
330
CASING PRESSURE
799
CALCULATED 24-HOUR RATE
-
OIL—BBL.
-
GAS—MCF.
-
WATER—BBL.
-
OIL GRAVITY-API (CORR.)
-
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
to be sold
TEST WITNESSED BY
S. McCann

35. LIST OF ATTACHMENTS
Temp. Survey
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Seppa Losh TITLE Drilling Clerk DATE 12-16-87

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

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
Fruitland	2034'	2340'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	2034'	
Pictured Cliffs	2340'	3070'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2340'	
Chacra	3070'	3918'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	3070'	
Mesa Verde	3918'	4062'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	3918'	
Menefee	4062'	4652'	Gry, fine-grn s, carb sh & coal	Menefee	4062'	
Point Lookout	4652'	5152'	Gry, very fine sil ss w/frequent sh breaks	Point Lookout	4652'	