

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

See other in-
structions on
reverse side

LEASE DESIGNATION AND SERIAL NO.

SE-078356

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME Huerfanito Unit	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PERFOR BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME Huerfanito Unit	
2. NAME OF OPERATOR Meridian Oil Inc.		9. WELL NO. 172	
3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Co	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 800' FNL, 1490' FEL At top prod. interval reported below At total depth		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T-27-N, R-09-W NMPM	
14. PERMIT NO. 30-045-28422		DATE ISSUED	
15. DATE SPUDDED 01/26/91		16. DATE T.D. REACHED 01/27/91	
17. DATE COMPL. (Ready to prod.) 08/31/91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6109' GL	
19. ELEV. CASING HEAD		20. FIELD AND POOL, OR WILDCAT	
21. TOTAL DEPTH, MD & TVD 2062'		22. IF MULTIPLE COMPL. HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal (1966' - 2030')		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/LDT-CNL/NGT/NGT/ML		27. WAS WELL CORRO no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24.0#	224'	12 1/4"
5 1/2"	15.5#	2062'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2029'		
31. PERFORATION RECORD (Interval, size and number) 1966-72', 1986-91', 2000-05', 2013-23', 2027-30' w/4 spf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1966-2030'		87,800# 20/40 sand	
		20,496 gal. fluid	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
shut in, waiting on pipeline; capable of commercial hydrocarbon production		WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
66 mcf		-pitot gge	
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)			
SI 70		SI 331	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 2020' 360			
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 <u>[Signature]</u> TITLE <u>Regulatory Affairs</u> DATE <u>9-16-91</u>			

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1193'	1310'	White, cr-gr ss.
Kirtland	1310'	1873'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	1873'	2036'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2036'	2062'	Bn-Gry, fine grn, tight ss.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo Kirtland Fruitland Pic.Cliffs	1193' 1310' 1873' 2036'		