

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

RECEIVED
BLM

FOR APPROVED
OMB NO. 1004-0137
EXPIRES December 31, 1991

LEASE DESIGNATION AND SERIAL NO.
SF-078319

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL N
Riddle E #1R

API WELL NO.
30-045-29207

FIELD AND POOL OR WILDCAT
Blanco Mes. orde

SUCC. T. R. M. & OR AREA

Sec. 4, T-30-N, R-9-W

COUNTY OR PARISH
San Juan

STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL. OIL WELL ☐ GAS WELL ☒ DEW ☐ OTHER ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ VIBRO ☐ DEEP ☐ PLS ☐ DIFF. ☐ OTHER ☐

3. NAME OF OPERATOR

Meridian Oil Inc

4. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 (505) 326-9700

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

At surface 1045' FSL, 1470' FEL

At top prod. interval reported below

At total depth

6. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4-15-95

16. DATE T.D. REACHED

4-22-95

17. DATE COMPLETION (Reddy is prod.)

6-10-95

18. ELEVATIONS (OF. BBL. ST. OR. ETC.)*

6121 GR 6134 KB

19. SLEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5560

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

5548

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-5560

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4518-5477 Mesaverde

27. WAS WELL CURED

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

ILD-GR-SP-CAL, CNT-LDT-MLT, CNT-GR

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#	237	12 1/4	189 cu.ft.	
7	20#	3289	8 3/4	1007 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	3129	5560	511 cu.ft.		2 3/8	5464	

31. PRODUCTION RECORD (Interval, date and amount)

4518, 4545, 4556, 4572, 4584, 4594, 4626,
4636, 4644, 4652, 4658, 4664, 4675, 4688,
4692, 4698, 4707, 4716, 4740, 4747, 4756,
4832, 4838, 4870, 4902, 4908, 4924, 4930,
4942, 4952, 4976, 4984, 4996, 5019, 5036,

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4518-5040	135,000# 20/40 sd, 21,000# 20 resin sd, 2650 bbl 30# gel
5114-5477	134,000# 20/40 sd, 21,000# 20 resin sd, 2456 bbl 30# gel

33. 5040 Continued on back

PRODUCTION

SI-5040		Continued on back				WELL STATUS (Producing or shut-in)		
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—note and type of pump)				SI		
6-10-95		Flowing						
DATE OF TEST		HOURS TESTED	CHOKED SIZE	PROD. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-10-95				—————→		1950 Pitot Gauge		
FLOW, TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		SI 173	—————→				TEST WITNESSED BY	

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

To be sold

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as furnished from all available records

SIGNED *[Signature]*

TITLE Regulatory Affairs

JUN 23 1995 DATE 6-22-95

*(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 names of porosity and contents thereof, core intervals; and all drill-stems, tests, including depth interval tested, casing used, line tool open, flowing and shut-in pressures, and recoveries)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1625'	1724'	White, cr-gr ss.
Kirtland	1724'	2556'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2556'	2893'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2893'	3616'	Bn-Gry, fine grn, tight ss.
Huerfanito Bentonite*	3616'	3677'	White, waxy chalky bentonite
Chacra	3677'	4420'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Cliff House	4420'	4761'	ss. Gry, fine-grn, dense sil ss.
Menefee	4761'	5120'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5120'	5560'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE DEPTH

Ojo Alamo	1625'
Kirtland	1724'
Fruitland	2556'
Pic.Cliffs	2893'
Huerfanito Bent.	3616'
Chacra	3677'
Cliff House	4420'
Menefee	4761'
Pt.Lookout	5120'

Point Lookout Perfs: 5114, 5122, 5128, 5136, 5140, 5144, 5152, 5158, 5168, 5178, 5182, 5199, 5205, 5210, 5220, 5226, 5232, 5246, 5254, 5258, 5266, 5275, 5284, 5292, 5300, 5330, 5338, 5345, 5375, 5390, 5442, 5477