

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 3-53

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ 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 State requirements)*

At surface 830'N, 1775'E

At top prod. interval reported below

At total depth

RECEIVED

SEP 12 1988

OIL CON. DIV

DIST 3

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-078604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cedar Hill SWD

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat MORRISON

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

Sec. 29, T-32-N, R-10-NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF. RNB. RT. GR. ETC.)* 19. ELEV. CASINGHEAD

05-13-88 07-01-88 07-17-88 6059' GR 6059' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

8775' 8757' 2 X

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

injection
7707-8654' (Morrison/Entrada)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	133#	504'	26"	1033 cu.ft.	
13 3/8"	61&68#	3110'	17 1/2"	4304 cu.ft.	
7"	23#	8775'	8 3/4"	645 cu.ft. + 995 ft ³	

per sundry 8/26/88

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
9 5/8"	2954'	5770'	1230 cu.ft. + 492 ft ³		3 1/2"	7690'	7678'

per sundry 8/26/88

31. PERFORATION RECORD (Interval, size and number)

(see attachment)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8440-8654'	180,000#sand;180,180 gal.w
8165-8310'	85,000#sand;105,818 gal.w
7707-8088'	94,000#sand;150,742 gal.w

33. PRODUCTION

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

INJECTION WELL

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
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FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED SEP 02 1988

FARMINGTON RESOURCE AREA

35. LIST OF ATTACHMENTS

BY K Hove 11

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

SIGNED

[Signature]

TITLE

Regulatory Affairs

DATE

8-26-88

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

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SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all intervals, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE
						VERT. DEPTH
Ojo Alamo	1380'	1483'	ss. white cr-grn s.	Ojo Alamo	1380'	
Kirtland	1483'	2467'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1483'	
Fruitland	2467'	2853'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	2467'	
Pictured Cliffs	2853'	3022'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2853'	
Lewis	3022'	4400'	Gry to white dense sh w/silty to shaly shaly ss breaks.	Lewis	3022'	
Mesa Verde	4400'	4779'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	4400'	
Menefee	4779'	5135'	Gry, fine-grn s, carb sh & coal	Menefee	4779'	
Point Lookout	5135'	5580'	Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	5135'	
Mancos	5580'	6473'	Gry carb sh.	Mancos	5580'	
Gallup	6473'	7186'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	6473'	
Greenhorn	7186'	7243'	Highly calc gry sh w/thin lmst.	Greenhorn	7186'	
Graneros	7243'	7322'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7243'	
Dakota	7322'	7576'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7322'	
Morrison	7576'	8140'	Interbed grn brn & red waxy sh & fr to cr grn sd	Morrison	7576'	
Bluff	8140'	8302'	Lt orange to buff, fn gr, loosely cons, rdd to sub rdd grs, FGS ss.	Bluff	8140'	
Summerville	8302'	8413'	Rdd-brn, sft, sdy to sh siltstone & wt ss	Summerville	8302'	
Todilto	8413'	8428'	Dark gray limestone, anhydritic	Todilto	8413'	
Entrada	8428'	8742'	Orange, fn gr cl unconsolidated rd to sub-rd ss	Entrada	8428'	
Chinle	8742'	td	rd to rd br sft sh w/occas. then beds of brn & gry lst	Chinle	8742'	

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GEOLOGIC MARKERS

edar Hill SWD #1

First stage - 8654', 8653', 8647', 8642', 8607', 8605', 8599', 8597', 8590', 8584', 8582', 8562', 8559', 8556', 8552', 8550', 8540', 8534', 8529', 8516', 8498', 8495', 8489', 8487', 8482', 8480', 8474', 8471', 8465', 8468', 8454', 8451', 8448', 8440' w/1 spz.

Second stage - 8310', 8304', 8290', 8285', 8276', 8271', 8268', 8264', 8255', 8250', 8242', 8236', 8223', 8201', 8190', 8181', 8169', 8165' w/1 spz

Third stage - 8088', 8084', 8077', 8073', 8062', 8056', 8048', 8042', 8020', 8014', 7996', 7987', 7980', 7960', 7938', 7929', 7911', 7907', 7900', 7871', 7865', 7847', 7788', 7723', 7707' w/1 spz.