

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 ☒ Salt Water Disposal

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. DESIGN ☐ 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 980'N, 2175'E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

30-039-28579

5. LEASE DESIGNATION AND SERIAL NO.

NM-012735

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 31-6 Unit

8. FARM OR LEASE NAME

San Juan 31-6 Unit SWD

9. WELL NO.

301

10. FIELD AND POOL, OR WILDCAT

Morrison/Entrada

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

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

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 09-15-89 16. DATE T.D. REACHED 10-18-89 17. DATE COMPL. (Ready to prod.) 11-02-89 18. ELEVATIONS (OF. RKB. RT. GR. ETC.)* 6322' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9040' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS yes 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
salt water disposal well 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, LDT-CNL, ML, NGT, MSCT

27. WAS WELL CORRO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	EMERTING	AMOUNT, FEET
20"	106.5#/133#	495'	26"	786 cu.ft.	
13 3/8"	68#/61#	3600'	17 1/2"	5002 cu.ft.	
9 5/8"	40.0#	6093'	12 1/4"	1307 cu.ft.	
7"	23#	9039'	8 3/4"	1712 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					4 1/2"	7842'	

31. PERFORATION RECORD (Interval, size and number)

8056-72', 8120-28', 8132-36', 8252-62',
8272-86', 8309-18', 8461-67', 8478-84',
8510-20', 8534-45', 8554-66', 8570-76',
8602-08', 8768-78', 8784-90', 8798-
8814-1', 8838-48', 8854-64', 8894-8900'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8056-8318'	138500#sand; 79506 gal. fluid
8461-8608'	201300#sand; 180500 gal. fluid
8768-8986'	176451#sand; 95004 gal. fluid

33. cont'd on back

PRODUCTION

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

DATE OF TEST HOURS TESTED CHOKER 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 GROSS WT. (CORR.)

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

TEST WITNESSED BY

Chief, Branch of
Mineral Resources
Farmington Resource Area

35. LIST OF ATTACHMENTS

temp. survey CBL

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

SIGNED

TITLE

Regulatory Affairs

DATE 3-8-90

*(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
Ojo Alamo	2265'	2393'	White, cr-gr ss..	Ojo Alamo	2265'	
Kirtland	2393'	2912'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2393'	
Fruitland	2912'	3144'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2912'	
Pictured Cliffs	3144'	-----'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3144'	
Chacra	-----'	4873'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	-----'	
Mesa Verde	4873'	5228'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4873'	
Menefee	5228'	5517'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4233'	
Point Lookout	5517'	5804'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	5228'	
Mancos	5804'	6300'	Dark gry carb sh.	Mancos	5804'	
Gallup	6300'	7529'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6300'	
Greenhorn	7529'	7580'	Highly calc gry sh w/thin lmst.	Greenhorn	7529'	
Graneros	7580'	7697'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7580'	
Dakota	7697'	7945'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7697'	
Morrison	7945'	8453'	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	7945'	
Bluff SS	8453'	8701'	Lt orange to buff, fine gr, well cmted, rdd to sub rdd ss	Bluff	8453'	
Todilto LS	8701'	8754'	Dark gray limestone, anhydritic	Todilto	8701'	
Entrada SS	8754'	8987'	Orange, fn gr, rdd to sub rdd ss, tight	Entrada	8754'	
Chinle	8987'	9040'	Rd to rd brn, soft sh w/occas.thin beds of brn & gry lst	Chinle	8987'	
Perf'd cont'd: 8942-46', 8962-68', 8972-76', 8980-86'						
Sidewall rotary cored: 8063', 8101', 8123', 8133', 8256', 8282', 8315', 8511', 8536', 8556', 8573', 8604', 8725', 8774', 8785', 8805', 8840', 8944', 8983'						