

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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. RENVR. ☐ 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 990'FNL, 790'FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM-71708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dufers

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Dufers Point Gallup Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 6, T-25-N, R-8-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED
5-24-93

16. DATE T.D. REACHED
6/3/93

17. DATE COMPL. (Ready to prod.)
7-7-93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6349'GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6621'

21. PLUG. BACK T.D., MD & TVD
6575

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)*
Gallup Dakota (5391'-6604')

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
IEL, SDL/DSN/ML

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24.0#	242'	12 1/4"	242 cu.ft.
4 1/2"	11.6#	6618'	7 7/8"	2779 cu.ft.

28. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	6391'	

31. PERFORATION RECORD (Interval, size and number)

5391', 5457', 5462', 5472', 5481', 5487', 5496', 5573', 5584', 5594', 5633', 5641', 5648', 5657', 5665', 5678', 5689', 5740', 5752', 5761', 5772', 5780', 5823', 5831', 5908', 5969', 5995', 6312', 6314', 6314', 6316', 6318', 6335', 6337', 6339', 6410', 6415', 6489', 6491', 6502', 6504', 6506', 6508', 6510', 6512', 6514', 6516', 6520', 6522', 6564', 6604', 6606'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6312-6606'	100,000# 20/40 sand, foam
5391-5995'	100,000# 20/40 sand, foam
5385'	sq/100 sx Class "B"

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
07-07-93	flowing, capable of commercial hydrocarbon production	shut in

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
07-22-93	3 hrs	3/4"	→	15	2113	—	—

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1710	1460	→	120	2733	—	—

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

TEST WITNESSED BY
R. Lopez

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 _____ TITLE Regulatory Representative DATE 08/12/1993

*(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.

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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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1137'	852'	White, cr-gr ss.			
Kirtland	1275'	1455'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	1676'	1710'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	1137'	
Pictured Cliffs	2003'	2803'	Bn-Gry, fine grn, tight ss.	Kirtland	1275'	
Chacra	2803'	3393'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Fruitland	1676'	
Mesa Verde	3393'	3585'	Light gry, med-fine gr ss, carb sh & coal	Pic.Cliffs	2003'	
Menefee	3585'	4352'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	2803'	
Point Lookout	4352'	4623'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Mesa Verde	3393'	
Mancos	4623'	5385'	Dark gry carb sh.	Menefee	3585'	
Gallup	5385'	6230'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Pt.Lookout	4352'	
Greenhorn	6230'	6282'	Highly calc gry sh w/thin lmst.	Mancos	4623'	
Graneros	6282'	6405'	Dk gry shale, fossil & carb w/pyrite incl.	Gallup	5385'	
Dakota	6405'	6621'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	6230'	
				Graneros	6282'	
				Dakota	6405'	

UNITED STATES
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Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number NM-71708 6. If Indian, All. or Tribe Name Navajo 7. Unit Agreement Name
2. Name of Operator MERIDIAN OIL	8. Well Name & Number Dufers #1
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. API Well No. 30-045-
4. Location of Well, Footage, Sec., T, R, M 990'FNL, 790'FEL Sec.6, T-25-N, R-8-W, NMPM	10. Field and Pool Dufers Pt Gl Dk 11. County and State San Juan Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission	Type of Action
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other - squeeze
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut off
	☐ Conversion to Injection

13. Describe Proposed or Completed Operations

06-29-93 Frac W/foam and 20/40 sand. Set RBP @ 6100'. Dump 2 sx sand on RBP. Perf 2 squeeze holes @ 5385'. Est inj rate. Set RBP @ 5063'. PT 1000 psi, est inj rate. Squeeze w/100 sx Class "B" w/2% calcium chloride and 0.6% Halad 322. Displace cmt @ 1 BPM @ 2450 psi. Reversed out. WOC.

RECEIVED
JUL 6 1993
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

93 JUL -1 PM 3:53

RECEIVED
BLM

14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* Title Regulatory Affairs Date 6/30/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ ACCEPTED FOR RECORD Date _____

CONDITION OF APPROVAL, if any:

JUL 02 1993

FARMINGTON DISTRICT OFFICE

[Signature]

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