

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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. RESVR. ☐ 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 laws)
At surface 840' FSL, 1650' FEL

At top prod. interval reported below

At total depth

RECEIVED
MAY 01 1992
OIL CON. DIV.
DIST. 3

14. PERMIT NO. 30-039-25106 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-079266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

20-039-25106

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Vaughn

9. WELL NO.

13E

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin Dk

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

Sec. 27, T-26-N, R-6-W
NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 9-16-91

16. DATE T.D. REACHED 9-27-91

17. DATE COMPL. (Ready to prod.) 12-17-91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6329' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7202'

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

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

4802-4994' (Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIT, GR, LDT, CNT, MLT, FMS

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
19 5/8"	36.0#	235'	12 1/4"	190 cu.ft.	165
7"	23.0#	5301'	8 3/4"	2294 cu.ft.	1400 54
5 1/2"	17.0#	5301-7202'	7 7/8"		

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/16"	4931'	

31. PREPARATION RECORD (Interval, size and number)

4802-06', 4830-42', 4870-74', 4882-94',
4921-23', 4927-29', 4937-41', 4944-47',
4965-68', 4990-94'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4802-4994'	84,300# 20/40 sand
	3,400# 40/70 sand
	109,000 gal. fluid

33. PRODUCTION

DATE FIRST PRODUCTION 12-15-91
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing-capable of comm. hydrocarbon prod.
WELL STATUS (Producing or shut-in) shut in

DATE OF TEST 1-31-92
HOURS TESTED 3 hrs
CHOKE SIZE 3/4"
PROD'N. FOR TEST PERIOD
OIL—BBL. --
GAS—MCF. 3269
WATER—BBL. --
GAS-OIL RATIO --

FLOW. TUBING PRESS. 255
CASING PRESSURE 759
CALCULATED 24-HOUR RATE
OIL—BBL. --
GAS—MCF. 5.056
WATER—BBL. --
OIL GRAVITY-API (CORR.) --

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

TEST WITNESSED BY
G. Nelson

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.

Regulatory Affairs

DATE

4-2-92

SIGNED

*(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.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1935'	2099'	White, cr-gr ss..	Ojo Alamo	1935'	
Kirtland	2099'	2399'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2099'	
Fruitland	2399'	2560'	Dk gry-gr carb sn, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2399'	
Pictured Cliffs	2560'	3430'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2560'	
Chacra	3430'	4220'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	3430'	
Mesa Verde	4220'	4270'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4220'	
Menefee	4270'	4792'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4270'	
Point Lookout	4792'	5160'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4792'	
Mancos	5160'	5952'	Dark gry carb sh.	Mancos	5160'	
Gallup	5952'	6711'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	5952'	
Greenhorn	6711'	6767'	Highly calc gry sh w/thin lmst.	Greenhorn	6711'	
Graneros	6767'	6879'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6767'	
Dakota	6879'	7202'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6879'	

38.

1. FORM 1000-1
(November 1983)
(formerly 3-330)

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b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ 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 840' FSL, 1650' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 30-039-25106
DATE ISSUED MAY 01 1992

5. LEASE DESIGNATION AND SERIAL NO.
SF-079266
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Vaughn
9. WELL NO.
13E
10. FIELD AND POOL, OR WILDCAT
Blanco MV/Basin Dk
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 27, T-26-N, R-6-W
NMPM

12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM

15. DATE SPUNDED 9-16-91
16. DATE T.D. REACHED 9-27-91
17. DATE COMPL. (Ready to prod.) 12-17-91
18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6329' GL
19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7202'
21. PLUG. BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY? 1 of 2
23. INTERVALS DRILLED BY ROTARY TOOLS yes
CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6828-7104' (Dakota)
25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIT, GR, LDT, CNT, MLT, FMS
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
9 5/8"	36.0#	235'	12 1/4"	190 cu.ft.	
7"	23.0#	5301'	8 3/4"		
5 1/2"	17.0#	5301-7202'	7 7/8"	2294 cu.ft.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7077'	

31. PREPARATION RECORD (Interval, size and number)
6828-36', 6914-34', 6956-60',
6966-68', 6986-7010', 7034-37',
7074-84', 7088-94', 7098-7104'
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
6828-7104' 82,000# 20/40 sand
9,000# 40/70 sand
133,100 gal. fluid

33. PRODUCTION
DATE FIRST PRODUCTION 12-15-91
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing-capable of comm. hydrocarbon prod.
WELL STATUS (Producing or shut-in) shut in
DATE OF TEST 1-31-92
HOURS TESTED 3 hrs
CHOKE SIZE 3/4"
PROD'N. FOR TEST PERIOD
OIL—BBL. --
GAS—MCF. 2513
WATER—BBL. --
GAS-OIL RATIO --
FLOW. TUBING PRESS. 197
CASING PRESSURE N/a
CALCULATED 24-HOUR RATE
OIL—BBL. --
GAS—MCF. 2537
WATER—BBL. --
OIL GRAVITY-API (CORR.) --

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
to be sold
TEST WITNESSED BY
G. Nelson

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 [Signature] TITLE Regulatory Affairs
DATE 4-2-92

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

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Fruitland	2399'	2560'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2399'	
Pictured Cliffs	2560'	3430'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2560'	
Chacra	3430'	4220'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3430'	
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Graneros	6767'	6879'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6767'	
Dakota	6879'	7202'	Lt to dk gry fcss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6879'	

38.