

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 ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 2659, Casper, WY 82602

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

At surface 1,570' FSL & 1,660' FWL Unit K

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT

14. PERMIT NO. MININGTON FIELD SURVEY AREA

30-045-24358

1980

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

10-8-80

10-25-80

2-16-84

18. ELEVATIONS (OF RKB, RT, CE, ETC.)*

5,559' GL, 5,565' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6,305'

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

6,065' KB

22. IF MULTIPLE COMPL., HOW MANY*

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23. INTERVALS DRILLED BY

ROTARY TOOLS

0'

CABLE TOOLS

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

Graneros Section of Dakota 5,996'-6,008'

25. WAS DIRECTIONAL SURVEY MADE

No

26. LOGS AND OTHER LOGS RUN

1-21-81

3-18-81

27. WAS WELL CORED

No

DIL/SP/GR, GR/CNL/CAL/FDC; CR/CBL/VDL/CCL; Prod. Log

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#	529'	12-1/4"	300 sx	None
7"	20#	1,849'	8-3/4"	275 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	Surface	1,424'	11.6# 725 sx	No
4-1/2"	1,424'	6,300'	10.5#	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6,009' KB	

31. PERFORATION RECORD (Interval, size and number)

Please See Reverse Side

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Please See Reverse Side	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-16-84		Flowing				SI Waiting on Pipeline	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-16-84	24	30/64"	→	3	52	2	17,333 SCF/bbl
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
155 psi	155 psi	→	3	52	2	56.6° Cond; .684 Gas	

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

To be sold

TEST WITNESSED BY

E.A. Nelson (MOC)

35. LIST OF ATTACHMENTS

One

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

SIGNED

Doyle Jones

TITLE District Operations Manager

DATE March 30, 1984

*(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.

Joe FmL

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	MEAS. DEPTH	TOP VERT. DEPTH
<u>PERFORATIONS:</u>			Graneros section of the Dakota 5,996'-6,008', .32" dia. holes, 27 total shots. Dakota 6,082'-6,118' abandoned, Dakota 6,115'-6,175' KB abandoned, Dakota 6,193'-6,195' KB abandoned.			
<u>TREATMENT/WORK PERFORMED:</u>			Set Baker Model K-1 cement retainer @ 6,065' KB and abandoned Dakota perforations 6,082'-6,118' KB. Perforated Graneros (Dakota) 5,996'-6,008' KB w/27 total shots. Fraced w/45,000# sand and 50,000 gal of 70 quality foam. The well was treated two different times using a total of 400 gal of Xylene w/additives and 1,000 gal of FE HCl acid w/additives. An acid cleanup consisting of 750 gal of 7½% HCl nitric acid containing 500 SCF of N ₂ per bbl and displaced w/foam.			
LOG TOPS:						
Cliffhouse	3,060'	3,202'		Cliffhouse	3,060'	
Menefee	3,202'	3,904'		Menefee	3,202'	
Point Lookout	3,904'	4,206'		Point Lookout	3,904'	
Mancos	4,206'	5,117'		Mancos	4,206'	
Gallup	5,117'	5,399'		Gallup	5,117'	
Basal Niobrara	5,399'	5,550'		Basal Niobrara	5,399'	
Sanastee	5,550'	5,854'		Sanastee	5,550'	
Greenhorn	5,854'	5,958'		Greenhorn	5,854'	
Graneros	5,958'	6,081'		Graneros	5,958'	
Dakota	6,081'	6,274'		Dakota	6,081'	
Morrison	6,274'	6,305'		Morrison	6,274'	