

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 078872-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BOLACK "4"

9. WELL NUMBER

2

10. FIELD AND POOL, OR WILDCAT

FRUITLAND COAL

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

S4, T27N, R11W

12. COUNTY OR
PARISH
SAN JUAN

13. STATE
NEW MEXICO

14. PERMIT NO.

30-045-28771

DATE ISSUED

9-9-92

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 552, Midland, Texas, 79702

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

At surface UNIT LETTER G, 2225' FNL & 1660' FEL

At top prod. interval reported below

SAME

At total depth

SAME

API #

OIL CON. DIV.

DIST. 3

15. DATE SPUDDED
12-17-92

16. DATE T.D. REACHED
12-19-92

17. DATE COMPL. (Ready to prod.)
1-21-93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
GL:6153 DF:6164 KB:6165

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
2060

21. PLUG BACK T.D., MD & TVD
2013.58

22. IF MULTIPLE COMPL.
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

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

FRUITLAND COAL 1917-1968

25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

SPECTRAL DENSITY, DUAL SPACED NEUTRON, CEMENT BOND LOG, CORRECTED COLLARS

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
8 5/8"	24	353	12 1/4"	300 SX	
5 1/2"	15.5#	2058	7 7/8"	310 SX CIRC 100 SX TO PIT	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	1988	2

31. PERFORATION RECORD (Interval, size, and number)

1914-17 (12 HOLES) .41"
1922-34 (48 HOLES) .41"
1951-68 (44 HOLES) .41"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1914-17	200 GAL 15% HCL
1922-34	600 GAL 15% HCL
1951-68	600 GAL 15% HCL
1914-1968	55,00 GAL N2 & 155000# 16/30 SMD

33.* PRODUCTION

DATE OF FIRST PRODUCTION 1-22-93
PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump) PUMPING
WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
2-1-93	24	48/64		0	34.4	140	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
55	55					N/A	

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

VENTED

TEST WITNESSED BY
ERIC NELSON

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

Thomas W. Pugh

TITLE ADVANCED ENG. TECH.

FEED DATE 1993

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

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	TRUE VERT. DEPTH
FRUITLAND COAL	1951	1962	GAS & WATER	OJO ALAMO FRUITLAND PICTURED CLIFFS	821 1782 1979	