

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

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 ☐

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 2490 Hobbs, NM 88240

393-7106

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

At surface

660' FNL & 660' FWL

At top prod. interval reported below

660' FNL & 660' FWL

At total depth

660' FNL & 660' FWL

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-021123

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Ohio D Government No. 18

9. API WELL NO.

30-045-30120

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

UL D, Sec.8, T31N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

4/20/00

16. DATE T.D. REACHED

4/28/00

17. DATE COMPL. (Ready to prod.)

5/12/00

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

GL 5897'

KB 5910'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4950'

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

4915'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

Blanco Mesa Verde 3921-4851'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Yes - See Attached

27. WAS WELL CORED

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24#	346'	12 1/4"	255 SXS	
4 1/2" J-55	11.6#	4941'	7 7/8"	970 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4840'	

31. PERFORATION RECORD (Interval, size and number)

3921-4087' 1 SPF 15 holes

4156-4529' 1 SPF 22 holes

4589-4851' 1 SPF 23 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3921-4851'	Acidize w/2750 gals 15% w/107 BS
3921-4851'	Frac w/52,081 gals 20# linear
	1,857,740 SCF N2 containing
	168,400# sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
5/12/00		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
5/24/00	24	1/4"		5	638	21	127,600
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
395	0			638			

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Copy of Deviation Survey (Orig survey and logs mailed to Aztec OCD office)

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

SIGNED

TITLE Records Processor

FARMINGTON FIELD OFFICE
BY
DATE June 21, 2000

*(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
Fruitland Coal	1668'					
Pictured Cliffs	2293'					
Cliffhouse	3920'					
Menefee	4066'					
Point Lookout	4602'					



Key Energy Services, Inc.

Four Corners Division
P.O. Box 900
5651 US Highway 64
Farmington, NM 87499

Phone: 505-327-4935
Fax: 505-327-4962

200 JUN 26 PM 2:45
C/O FARMINGTON, NM

DATE: 5-1-00

RIG # 23

MARATHON OIL COMPANY
P.O. BOX 552
MIDLAND, TX 79702-0552

ATTN: MARVIN BIDWELL

THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICES, INC. DID RUN DEVIATION SURVEYS AT THE LISTED DEPTH ON YOUR OHIO "D" GOVERNMENT #1B WELL, IN SECTION 8, T-31-N, R-12-W IN SAN JUAN COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
119	3/4	2350	1
350	3/4	3348	1
858	1	3846	1
1354	1	4438	1-1/2
1853	2	4950	1-1/2

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

SINCERELY,

JOHN K. RICHARDSON
DRILLING CONTRACT MANAGER

Notary Public

My commission expires:

6/26/02