

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

COMMISSION

FORM APPROVED  
OMB NO. 1004-0137

Expires: February 28, 1995

Drawer (Other instructions on back)  
Artemis

5. LEASE DESIGNATION AND SERIAL NO.  
NM-05608

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  
Marathon Oil Company

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 552, Midland, TX 79702 915-687-8324

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
UL "D" 990' FNL & 990' FWL  
At top prod. interval reported below

At total depth

14. PERMIT NO. 30-015-28021  
DATE ISSUED 6-23-94 C. D.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
BONE FLAT FED 1

9. API WELL NO.  
30-015-28021

10. FIELD AND POOL, OR WILDCAT  
S. DAGGER DRAW/U PENN

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC-12, T-21-S, R-23-E

12. COUNTY OR PARISH  
Eddy Co., NM

15. DATE SPUDDED 7-7-94  
16. DATE T.D. REACHED 7-26-94  
17. DATE COMPL. (Ready to prod.) 8-13-94  
18. ELEVATION OF WELL HEAD, ETC.\* GL:3779 KB:3797

20. TOTAL DEPTH, MD & TVD 8090  
21. PLUG, BACK T.D., MD & TVD 7838  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS ALL  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
7740-7808 UPPER PENN  
25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/DLL/MSFL/LSS/LDT/NGT/CBT/VDL/CCL  
27. WAS WELL CORED  
NO

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
9 5/5"	36	1230	12 1/4"	800 SX CIRC 300 SX	
7"	23 & 26	8090	8 3/4"	1035 SX CIRC 88 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	7712'	7708'

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
7858-7870 25 HOLES SQZD W/ 100 SX	DEPTH INTERVAL (MD)
7740-7755, 7773-7808 102 .45" HOLES	AMOUNT AND KIND OF MATERIAL USED
	7858-7870 100 SX CLASS "H"
	7740-7808 3500 GALLONS 20 % HCL
	7740-7808 1000 GALLONS 15% HCL

33.\* PRODUCTION

DATE FIRST PRODUCTION 8-5-94  
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING  
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
8-15-94	24	24/64"		183	461	132	2519
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
490	PKR		183	461	132	42.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
FLARED  
TEST WITNESSED BY  
TIM WINTERS

35. LIST OF ATTACHMENTS  
LOGS, INC SURVEY

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

SIGNED [Signature] TITLE ADVANCED ENG TECH DATE 8-17-94

\*(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.

WELL NAME AND NUMBER Bone Flats Federal 12 #1

LOCATION Sec. 12, T21S, R23E, Eddy County, New Mexico  
 (Give Unit, Section, Township and Range)

OPERATOR Marathon Oil Company

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>3/4 215</u>	<u>3/4 5093</u>	<u>                    </u>
<u>3/4 500</u>	<u>1 5288</u>	<u>                    </u>
<u>1 3/4 840</u>	<u>1 3/4 5615</u>	<u>                    </u>
<u>1 1/2 988</u>	<u>1 1/2 5915</u>	<u>                    </u>
<u>1 1/2 1230</u>	<u>1 1/2 6415</u>	<u>                    </u>
<u>1 1534</u>	<u>1 1/2 6922</u>	<u>                    </u>
<u>1 1/4 1900</u>	<u>1 1/2 7309</u>	<u>                    </u>
<u>1 1/4 2394</u>	<u>1 7649</u>	<u>                    </u>
<u>1 1/4 2884</u>	<u>3/4 8090</u>	<u>                    </u>
<u>1 3322</u>	<u>                    </u>	<u>                    </u>
<u>3/4 3822</u>	<u>                    </u>	<u>                    </u>
<u>1 4138</u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 4442</u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 4636</u>	<u>                    </u>	<u>                    </u>
<u>1 1/4 4840</u>	<u>                    </u>	<u>                    </u>

RECEIVED  
 JUL 28 1994  
 MIDLAND OPERATI

Drilling Contractor: McVay Drilling Company

By: *Don Uyuen Jr.*

Subscribed and sworn to before me this 26th day of July, 1994

*Tina Flannery*  
 Notary Public

My Commission Expires: 8-16-97

Lea County New Mexico