

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other 1. actions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

clsf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

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

1650' FSL & 1650' FEL

At proposed prod. site

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 30 miles west of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3843' GL, 3860' KB

23.

PROPOSED CASING AND CEMENTING PROGRAM
Existing

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	177'	350 sx (circulated)
12 1/4"	9 5/8"	36#	2,056'	1500 sx (circulated)
7 7/8"	5 1/2"	15.5 & 17#	7,678'	1250 sx

Marathon Oil Company proposes to recompleate the above referenced well to the Wolfcamp. Following is information concerning present productive zone and proposed productive zone with the completion procedure. Present productive zone: TD - 7,680'

PBTD - 7,454'

Perforations - Upper Penn 7230'-31', 7234'-35', 7238'-39', 7261'-62', 7267'-68',
7357'-58', 7403'-04'

(See Attachment I)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. R. Jenkins TITLE Hobbs Prod. Superintendent DATE 7/19/89

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Shannon J. Shaw FOR: _____ DATE 7-2-89
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions 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.

Attachment I

Item 17 (Continued)

Completion Procedure:

1. MIRU workover rig.
2. ND wellhead and NU BOP's.
3. POOH w/2 3/8" tubing and packer.
4. Set CIBP at + 7200'.
5. Dump bail 7 sacks cement on top of CIBP.
6. Test casing to 1000 psig.
7. Run bond log.
8. Spot 250 gal. acid.
9. Perforate Wolfcamp w/2 JSPF 6204'-22', 6245'-57', 6262'-66'.
10. Acidize with 3500 gal. acid.
11. RIH with tubing and packer.
12. Swab well in.
13. RD workover rig.