

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
N. M. Oil Cons. Division
811 S. 1ST ST.
ARTESIA, NM 88210-2834

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL DEEPEN

b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

Marathon Oil Company 14021

3. ADDRESS AND TELEPHONE NO.

P.O. Box 552 Midland, TX 79702 1-800-351-1417

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

At surface 685' FNL & 2073' FEL SEC. 28, T-21-S, R-24-E UNIT B

At proposed prod. zone 2139' FSL & 1764' FEL, SEC. 21, T-21-S, R-24-E UNIT J

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

15 MILES N.W. OF CARLSBAD

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 685'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. * REFERENCE NOTE 8800

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

ROTARY

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

G.L. 3658'

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" K-55	54.50#	1200	950 SX TO SURFACE
12-1/4"	9-5/8" K-55	40# & 53.50#	8800	2610 SX. CIRC. TO SURFACE

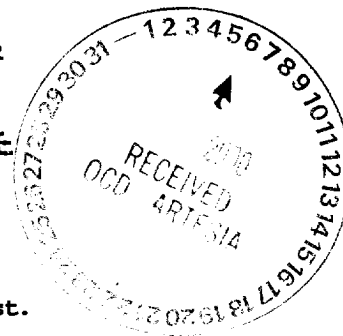
PROPOSE TO DRILL INDIAN BASIN UPPER PENN ASSOC. WELL ON THE EXISTING PAD OF OUR INDIAN HILLS UNIT # 17.

Proposed penetration point is to be 7400' TVD
Bottom of Upper Penn. @ 8160' TVD

BHL is proposed to be 2139' FSL & 1764' FEL

*NOTE DISTANCE from the INDIAN HILLS UNIT # 17 to the proposed #24 is 150' East.
660' FNL & 2220 FEL.

Notify OCD at SPUD & TIME
to witness cementing the
13 3/8" casing.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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. Jerry Fletcher
SIGNED *Jerry Fletcher*

TITLE ENGINEER TECH.

DATE 6-15-00

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting Assistant Field Manager,
Lands And Minerals

APPROVED BY _____ TITLE _____ DATE 6-30-00

*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.