

C/SF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

915/687-8357

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

At surface

429' FSL & 506' FWL Sec. 21, T-21-S, R-24-E

At proposed prod. zone

1770' FSL & 1750' FWL Sec. 21, T-21-S, R-24-E

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) 429' FSL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

180' * See note

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

9600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320/640

20. ROTARY OR CABLE TOOLS

Rotary

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

3669' G.L.

22. APPROX. DATE WORK WILL START*

Dec. 2001

23.

PROPOSED CASING AND CEMENTING PROGRAM

Carlsbad Controlled Water Basin

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25	9-5/8" K-55	36.00#	1200'	500 sks.
8.750	7" K-55	23#, 26#	9600'	1290 sks.

Marathon Oil Company is proposing to directionally drill the Indian Hills Unit # 36 to a Primary Standard Upper Penn. BHL target with a Secondary Standard Morrow target.

*This location was staked 180' due East of the existing IHU # 33 located 429' FSL & 326' FWL of Section 21, T-21-S, R-24-E. This will utilize the existing pad of the IHU # 33 well, thereby minimizing surface disturbance.

Reference Arch report 98-NM-067-345 ASC-98-009

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

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.

SIGNED

TITLE Engineer Tech.

DATE 8/10/01

(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:

APPROVED BY

/S/ JOE G. LARA

TITLE

FIELD MANAGER

DATE

DEC 18 2001

*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.

APPROVAL FOR 1 YEAR

BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

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