

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK

DRILL ☒

DEEPEN ☐

TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

NAME OF OPERATOR

Marathon Oil Company

ADDRESS AND TELEPHONE NO.

P.O. Box 552 Midland, TX 79702

915/687-8357

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

At surface

Section 29, T-21-S, R-24-E 660' FNL & 674' FWL

At proposed prod. zone

Same as above

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

5 miles NW of Carlsbad

DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drile unit line, if any)

660' FNL

DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

*1641'

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

Section 29, T-21-S, R-24-E

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

19. PROPOSED DEPTH

9600'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

ASAP

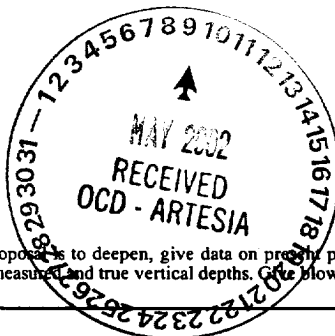
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	9-5/8" K-55	36#	1200'	440 sks.
8.750"	7" K-55	23#/ 26#	9600'	1280 sks.

Carlsbad Controlled Water Basin

Marathon Oil Company is proposing to drill a straight hole Upper Penn. Assoc/
Morrow gas well. This well is a Standard Location for both zones of interest.

* Distance to nearest well: The IHU # 3 is appox. 1641' Southeast of the proposed
IHU # 46.



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.

SIGNED James Fletcher TITLE Engineer Tech.

DATE 2/08/02

(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:

/S/ JOE G. LARA

FIELD MANAGER

APPROVED BY

TITLE

DATE

MAY 08 2002

*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 MGMT.
ROSWELL OFFICE

2002 FEB - 8 AM 8:36

RECEIVED

121 JOE Q 0703