

COPY TO  
STATE WATER ENGINEER

N. M. O. C. C. SUBMIT IN TRIPLICATE

(Other instructions on reverse)

Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

copy J. J.

## 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

Box 220 Hobbs, New Mexico

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

At surface

1650' FSL and 1650' FWL of Section 15

At proposed prod. zone

same as above

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

35 miles northwest of Carlsbad, New Mexico

## 16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. line, if any)

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## 18. NO. OF ACRES IN LEASE

1320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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## 20. PROPOSED DEPTH

9400'

## 20. ROTARY OR CABLE TOOLS

rotary

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

unknown

## 22. APPROX. DATE WORK WILL START\*

7-14-65

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	150'	200 sacks
12-1/4"	9-5/8"	36#	2100'	1250 sacks
8-3/4"	7"	23# and 26#	8000'	1250 sacks
6-1/4"	5"	15#	9400'	175 sacks (1400')

It is planned to drill to approximately 9400' and complete the well in the Upper Pennsylvanian and Morrow zones. Casing will be set and cemented in accordance with approved methods.

RECEIVED

JUL 14 1965

O. C. C.  
ARTESIA, OFFICERECEIVED  
JUL 12 1965  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

TITLE

Area Supt.

DATE

7-9-65

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:APPROVED  
JUL 13 1965  
RUDOLPH G. BAIER, JR.  
ACTING DISTRICT ENGINEER

TITLE

CEMENT BEHIND THE 13 3/8" & 9 5/8"  
CASING MUST BE CIRCULATED

DATE

NOTIFY USGS IN SUFFICIENT TIME TO

WITNESS CEMENTING THE 9 5/8" CASING

\*See Instructions On Reverse Side  
DECLARED WATER BASINall fresh water sands must  
be tested