

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☐DEEPEEN ☒PLUG BACK ☒

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Exxon Corporation ✓

## 3. ADDRESS OF OPERATOR

P.O. Box 1600, Midland, Texas 79702

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

At surface

1980' FNL &amp; 660' FEL of Section

At proposed prod. zone

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

10 miles SE of Hope

## 15. DISTANCE FROM PROPOSED\*

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

660'

660'

## 16. NO. OF ACRES IN LEASE

723.49

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

None

## 19. PROPOSED DEPTH

7778'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.22

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3811' GR

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

Upon Approval

## 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"        | 54#             | 322'          | 475 sx             |
| 12 1/2"      | 8 5/8"         | 32#             | 1709'         | 1250 sx            |
| 7 7/8"       | 5 1/2"         | 15.5, 17#       | 8612'         | 1115 sx            |

The above well was originally drilled to a total depth of 8700' and was completed as a Morrow gas well (7936-8008') on May 5, 1982. Exxon proposes plugging back to 7778'. The Upper Penn will be perforated from 6307-6458'.

Attached is the procedure for plugging back the Morrow formation and recompletion in the Upper Penn. Also attached are wellbore sketches. Approval to plug back was granted on 12-9-83 by P.W. Chester, BLM-Roswell. After approval, it was decided to change the proration unit from the east half to the north half. Since the location is irregular for a north-half proration unit, a request has been made to the NMOCC for an unorthodox location. A copy of that request and a corrected plat is attached.

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

*Edgar Kunkel*

TITLE

Unit Head

DATE

12-14-83

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(Orig. Sgd.) PETER W. CHESTER

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

JAN 12 1984

Rec. NSL-1784 App. 1-4-84  
NSL Applied For