

c/sf

Driller PD  
Artesia, NM 88210

UNITED STATES RECEIVED BY  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY JUN 18 1984

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

ARTESIA, OFFICE 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 and 1980' FWL of Section

At proposed prod. zone

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

9.7 miles SW of Carlsbad

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE  
480

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.

5709' SE to #2

19. PROPOSED DEPTH  
11,090'

20. ROTARY OR CABLE TOOLS

Rotary

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

3524 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 |
|--------------|----------------|-----------------|-----------------|--------------------|
| 16"          | 65#            | 100             | 20"             | 225 sx             |
| 9 5/8"       | 36#            | 2660            | 14 3/4 & 12 1/4 | 1735 sx            |
| 5 1/2"       | 17 and 20#     | 11460           | 8 1/2           | 700 sx             |

We propose to plug back this well from the Morrow to the Atoka and acidize.

The original TD was 11,460', PBTD 11,436, perfs 11,203-209'.

We propose to set CIBP at 11,090' w/wireline, cap w/35' cmt., test csg. to 1000 psi.

The new perforations are proposed from 10434' - 10452'.

Verbal approval to start work on this well immediately was given to Ed Runkel 6-13-84 by Bob Pitschke.

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

*Melba Knippling*

TITLE

Unit Head

DATE

6-13-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*B. Pitschke*

TITLE

P.E.

DATE

6/15/84

CONDITIONS OF APPROVAL, IF ANY:

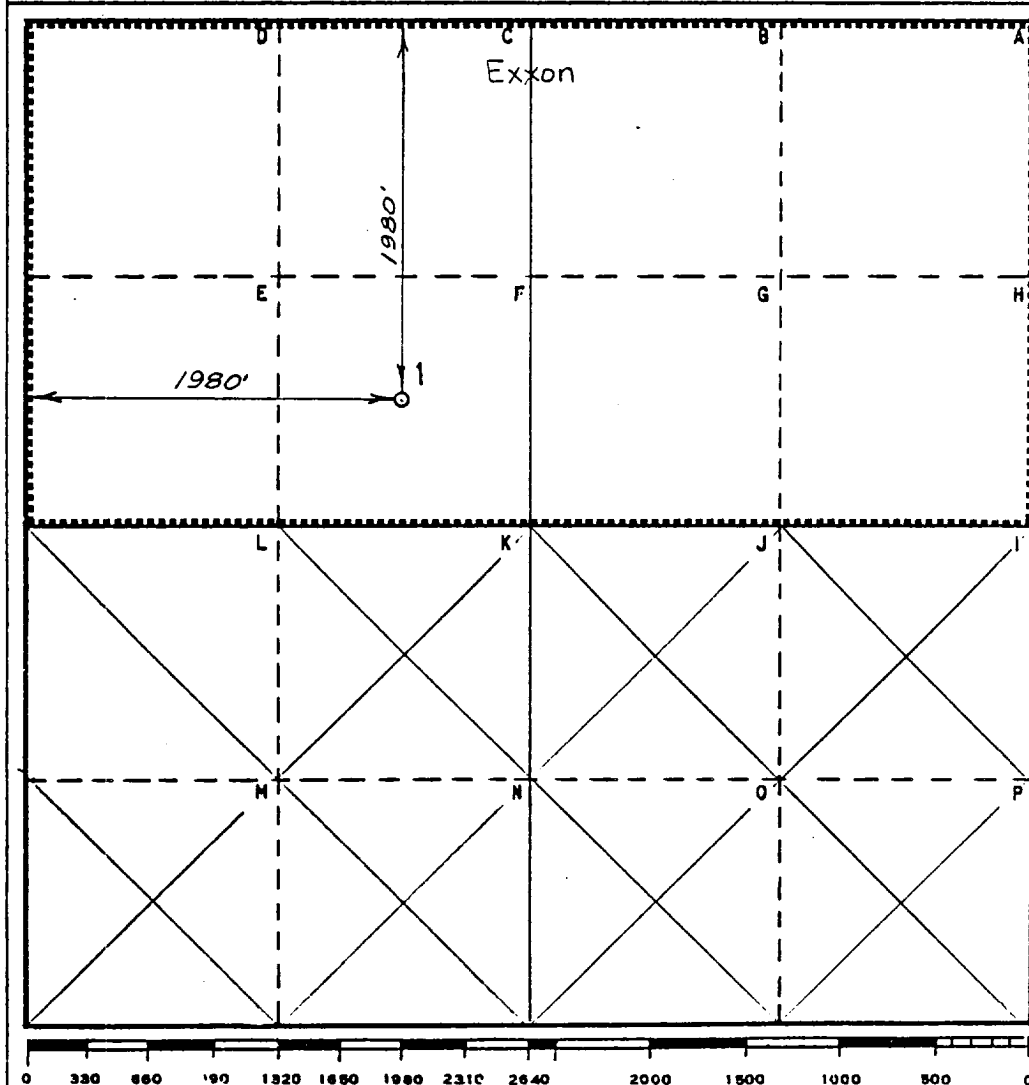
|  |                              |                  |                                       |                |                           |               |       |  |
|--|------------------------------|------------------|---------------------------------------|----------------|---------------------------|---------------|-------|--|
| Operator<br>Exxon Corporation  |                              |                  | Lease<br>Squaw Federal                |                |                           | Well No.<br>1 |       |  |
| Unit Letter<br>F   | Section<br>12                | Township<br>23 S | Range<br>25 E                         | County<br>Eddy |                           |               |       |  |
| Actual Footage Location of Well:<br>1980 feet from the North line and 1980 feet from the West line |                              |                  |                                       |                |                           |               |       |  |
| Ground Level Elev:<br>3524   | Producing Formation<br>Atoka |                  | Pool<br>Undesig. South Carlsbad-Atoka |                | Dedicated Acreage:<br>320 |               | Acres |  |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



#### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
*Melba Kripling*  
Position

UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date  
6-13-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
10-16-73

Registered Professional Engineer  
and/or Land Surveyor

*W R Shuck*

Certificate No.  
46595 Texas

C.E. Sec. File No. A-8213-A

9.7 Miles SW of Carlsbad, New Mexico