

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

Eagle Oil &amp; Gas Co. ✓

## 3. ADDRESS OF OPERATOR

510 Hamilton Building Wichita Falls, Texas 76301

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

At surface

1980' FSL and 1980' FWL

At proposed prod. zone

Same

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

Approximately 16 miles east/northeast of Artesia, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1980'

## 16. NO. OF ACRES IN LEASE

320

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.

None

## 19. PROPOSED DEPTH

9600'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3547.8 GR

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

July 25, 1980

## 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#	420'	400 Sx Class "C" Circulate
11"	8 5/8"	24#	1880'	1150 Sx Class "C" "
7 7/8"	4 1/2" or 5 1/2"	11.6 or 17#	9600'	350 Sx Class "H"

## Mud Program:

0-420': Drill with fresh spud mud 8.5-10.0 ppg.  
420-3800': Drill with fresh water, M.W. 8.7 - 9.0 ppg., Vis. 28-34.  
3800-9600': Drill with KCL water, M.W. 8.7 - 9.5 ppg., vis. 30-35, fluid loss  
12-20cc.  
Possible addition of loss circulation material between 420-3800'.

BOP Program: At 1880', install and test to 3000#, pipe rams, blind rams (middle)  
bag-type preventer and choke manifold, BOP accumulator volume will  
be sufficient to operate the bag preventer and blind rams with a  
snap-action through the close, open, close sequence.

Gas Sales are not dedicated.

RECEIVED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productivity 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.

Agent for:

Eagle Oil &amp; Gas Co.

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

DATE JUN 18 1980

SIGNED

TITLE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: