

UNITED STATES N. M. OIL & GAS DIVISION  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARTESIA, NM 88210-2834FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐

## 2. NAME OF OPERATOR

CONCHO RESOURCES, INC.

## 3. ADDRESS AND TELEPHONE NO.

110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79702 (915) 683-7443

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

At surface

1980' FEL &amp; 1980' FSL SEC. 8 T16S-R28E EDDY CO. UNIT "J"

At proposed prod. zone

SAME

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

Approximately 15 miles 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'

## 18. DISTANCE FROM PROPOSED LOCATION

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

1730'

## 16. NO. OF ACRES IN LEASE

560

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

## 19. PROPOSED DEPTH

9600'

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

3272' GR.

## 22. APPROX. DATE WORK WILL START

When Approved

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor	NA	40'	Cement to surface with Redi-mix
17½"	H-40 13 3/8"	48	400'	450 Sx. circulate cement to surface.
12¼"	J-55 8 5/8"	32	1800'	1050 Sx " " " "
7 7/8"	N-80 4½"	11.6	9600'	1100 Sx. estimate top of cement 1200'

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 400'. Run and set 400' of 13 3/8" 48# H-40 ST&C casing. Cement with 450 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12¼" hole to 1800'. Run and set 1800' of 8 5/8" 32# J-55 ST&C casing. Cement with 850 Sx. of 35/65 CLASS "C" POZ + additives, tail in with 200 Sx. of Class "C" + additives circulate cement to surface.
4. Drill 7 7/8" hole to 9600'. Run and set 9600' of 4½" N-80 11.6# LT&C casing. Set DV tool at 4500'±. Cement first stage with 600 Sx. of Class "H" 50/50 POZ + additives, second stage cement with 500 Sx. of Class "H" 50/50 POZ + additives, Estimate top of cement 1200'.

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

Agent

DATE 09/25/00

(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:

APPROVED BY

TITLE

Assistant Field Manager,  
Lands And Minerals

DATE

\*See Instructions On Reverse Side