

ROSWELL FIELD OFFICE
STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instruction
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

J-0
154

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK
DRILL ☒ DEEPEN ☐
TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
NAME OF OPERATOR

CONCHO RESOURCES, INC. (JIM BLOUNT) 915-683-7443
ADDRESS AND TELEPHONE NO.

10 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79702 (915-683-7443)
LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
990' FSL & 990' FEL SEC. 15 T18S-R24E EDDY CO. NM

at proposed prod. zone SAME

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 15 miles Southwest of Artesia New Mexico

DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990'
(Also to nearest drlg. unit line, if any)
DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED, NA
& APPLIED FOR, ON THIS LEASE, FT.

ELEVATIONS (Show whether DF, RT, GR, etc.)
3698' GR.

SERIAL NO.
NM-85844 781677
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME WELL NO.
SOUTHERN CROSS "15"
FEDERAL COM. # 1
9. API WELL NO.
10. FIELD AND POOL, OR WILDCAT
ANTELOPE SINK NORTH-MORROW
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 15- T18S-R24E
12. COUNTY OR PARISH
EDDY CO.
13. STATE
NEW MEXICO

17. NO. OF ACRES ASSIGNED
TO THIS WELL 320
20. ROTARY OR CABLE TOOLS
ROTARY
22. APPROX. DATE WORK WILL START*
When Approved

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
5"	Conductor	NA	40'	Cement to surface with Redi-mix
11"	J-55 8 5/8"	11.6	1200'	600 Sx. circulate to surface
7 7/8"	N-80 J-55 4 1/2"	11.6	9000'	925 Sx. Estimate top of cement 4200'.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 11" hole to 1200'. Run and set 1200' of 8 5/8" 32# J-55 ST&C casing. Cement with 400 Sx. of 35/65 Class "C" POZ + 12% Salt + 6% Bentonite + .25 #/Sx. of celoflake + 2% CaCl, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
3. Drill 7 7/8" hole to 9000'. Run and set 9000' of 4 1/2" casing as follows: 1100' of 4 1/2" 11.6# N-80 LT&C, 7000' of 4 1/2" 11.6# J-55 LT&C, 900' of 4 1/2" 11.6# N-80 LT&C casing. Cement with 300 Sx. of 35/65 Class "H" POZ + 6% Salt + 6% Bentonite + .25#/Sx. Celoflake, tail in with 925 Sx. of 50/50 Class "H" POZ + 6% Salt + 2% Bentonite top of cement must be at least 100' above the top of Wolfcamp, estimate top of cement 4200'±.

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

VE 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 directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

NEED *Joe T. Jones* TITLE Agent DATE 07/06/00

this space for Federal or State office use)

APPROVAL DATE

Approval does not warrant or certify that the applicant holds legal or equitable title to those rights

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Larry D. Brady* TITLE Assistant Lands And Minerals DATE NOV 21 2000

*See Instructions On Reverse Side

APPROVED FOR 1 YEAR