

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

FORM 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. (JIM BLOUNT) 915-683-7443

3. ADDRESS AND TELEPHONE NO.
110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 990' FSL & 990' FEL SEC. 15 T18S-R24E EDDY CO. NM
At proposed prod. zone SAME

5. LEASE DESIGNATION AND SERIAL NO.
NM-85844 / 01877

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
SOUTHERN CROSS "15"
FEDERAL COM. # 1
AM WELL NO. 30-015-31474

10. FIELD AND POOL, OR WILDCAT
ANTELOPE SINK NORTH-MORROW

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
15- T18S-R24E

12. COUNTY OR PARISH
EDDY CO.

13. STATE
NEW MEXICO

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

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 990'

16. NO. OF ACRES IN LEASE
160

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.
NA

19. PROPOSED DEPTH
9000'

20. ROTARY OR CABLE TOOLS
ROTARY

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

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
25"	Conductor	WITNESS	40'	Cement to surface with Redi-mix
11" 2 1/2"	J-55 8 5/8"	32	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 600' above the top of Wolfcamp.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and pr deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer pr

OPERATOR TO NOTIFY OCD SPUD & TIME TO WITNESS CEMENTING 13 3/8 & 8 5/8" CASING

SIGNED [Signature] TITLE Agent DATE 07/06/00

(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 [Signature] TITLE Assistant Field Manager, Lands And Minerals DATE 07/06/00

*See Instructions On Reverse Side

APPROVED FOR 1 YEAR

RECEIVED
JUL 07 2000
BLM
ROSMELL NM