

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-97872	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR CONCHO RESOURCES INC. (JOE WRIGHT) 975-681111			7. UNIT AGREEMENT NAME 24860	
3. ADDRESS AND TELEPHONE NO. 110 LOUISIANA SUITE 410 MIDLAND, TEXAS 79701			8. FARM OR LEASE NAME, WELL NO. BLACKBIRD "8" FEDERAL COM 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 1650' FWL & 660' FSL OF SEC. 8 T16S-28E At proposed prod. zone: SAME			9. AP WELL NO. 30-015-30753	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 12 miles East of Lake Arthur New Mexico			10. FIELD AND POOL OR WILDCAT UNDES DIAMOND MOUND; McRRW	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 8 T16S-R28E	
16. NO. OF ACRES IN LEASE 560			12. COUNTY OR PARISH EDDY CO.	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA			20. ROTARY OR CABLE TOOLS ROTARY	
19. PROPOSED DEPTH 9600'			22. APPROX. DATE WORK WILL START* As soon as approved	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3668' GR.				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
17 1/2"	H-40 13 3/8"	48	375'	400 Sx. Circulate to surface
12 1/4"	J-55 8 5/8"	24	1800'	1000 Sx. Circulate to surface
7 7/8"	4 1/2"	very	9600'	1800 Sx. Use DV tool

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 375'. Run and set 375' of 13 3/8" 48# H-40 ST&C casing. Cement with 400 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12 1/4" hole to 1800'. Run and set 1800' of 8 5/8" 24# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + 2% CaCl, + 1/2# floccle/Sx, circulate cement to surface.
4. Drill 7 7/8" hole to 9600'. Run and set 9600' of 4 1/2" casing as follows: 1900' of 4 1/2" 11.6# N-80 LT&C casing, 5400' of 4 1/2" 11.6# J-55 LT&C casing, 2300' of 4 1/2" 11.6# N-80 LT&C casing. Cement in two stages. Set DV tool at 4500'±, cement 1st stage with 850 Sx. of 50/50 POZ Class "H" cement, 2nd stage with 950 Sx. of Class "C" + additives, estimated top of cement 1000'.

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 Joel Jarama TITLE Agent DATE 07/29/99
(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:

(ORIG. SOD.) ARMANDO A. LOPEZ

Acting Assistant Field Office Manager,
Lands and Minerals

APPROVED BY _____ TITLE _____ DATE 8/27/99

*See Instructions On Reverse Side

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations.

APPROVED FOR 1 YEAR

RECEIVED
JUL 29 1968
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

BLM
ROSWELL, NM

JUL 29 1968

RECEIVED