

District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address CONCHO RESOURCES, INC. 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79702		OGRID Number 166111
Property Code 30-015-31782	Property Name CHIMAYO "16" STATE	Well No. 2

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	25S	29E		1980'	NORTH	660'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Proposed Bottom Hole Location If Different From Surface									
UNDES WILLOW LAKE-BONE SPRING									

*Work Type Code N	*Well Type Code O	*Casing/Rotary ROTARY	*Lease Type Code S	*Ground Level Elevation 2999'
*Multiple NO	*Proposed Depth 9000'	*Formation BONE SPRING	*Contractor PATTERSON DRLG.	*Spud Date When approved

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
17½"	13 3/8"	48	600'	600 Sx.	Surface
12½"	8 5/8"	32	2900'	1000 Sx.	Surface
7 7/8"	5½"	17	9000'	900 Sx.	2700'

21 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 600'. Run and set 600' of 13 3/8" 48# H-40 ST&C casing. Cement with 600 Sx. of Class "C" cement + 2% CaCl, + ½# Flocele/Sx. circulate cement to surface.
3. Drill 12½" hole to 2900'. Run and set 2900' of 8 5/8" 32# ST&C casing. Cement with 800 Sx. of Class "C" Light + 2% CaCl, tail in with 200 Sx. of Class "C" + 2% CaCl, + ½# Flocele/Sx. Circulate cement to surface.
4. Drill 7 7/8" hole to 9000'. Run and set 9000' of 5½" 17# casing as follows: 2500' of N-80, 5000' of J-55, 1500' of N-80. Cement with 700 Sx. of Class "H" Light + additives, tail in with 200 Sx. of Class "H" Premium Plus cement + additives. Estimzte top of cement 2700'.

22 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: <i>John W. Burns</i>	
Printed name: Joe T. Janica		Title: SUPERVISOR, DISTRICT II	
Title: Agent		Approval Date: MAY 18 2001	
Date: 05/16/01		Expiration Date: MAY 18 2002	
Phone: 505-391-8503		Conditions of Approval:	