

District I
1625 N. French Dr., Hobbs, NM 88240
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

State of New Mexico
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 22318		API Number 30-025-35228
Property Name MORTON SOLID		Well No. 4
STATE UNIT		

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot # 3	4	15S	34E		660'	NORTH	1980'	WEST	LEA

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 TRES PAPALOTES-PENN (59870)	Proposed Pool 2
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Work Type Code N	Well Type Code O	Cable Rotary ROTARY	Lease Type Code S	Ground Level Elevation 4118'
Multiple NO	Proposed Depth 10,700'	Formation BOUGH "C"	Contractor Unknown	Spud Date When approved

Proposed Casing and Cement Program

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	425'	450 Sx.	Surface
12¼"	8 5/8"	32	4550'	1550 Sx	Surface
7 7/8"	5½"	17 & 20	10,700'	800 Sx.	7500'

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 425'. Run and set 425' of 13 3/8" 48# H-40 ST&C casing. Cement with 450 Sx. of Class "C" cement + ½# Flocele/Sx. + 2% CaCl, circulate cement to surface.
3. Drill 12¼" hole to 4550'. Run and set 4550' of 8 5/8" 32# J-55 ST&C casing. Cement with 1200 Sx. of Class "C" Halco Light cement + additives, tail in with 350 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 10,700'. Run and set 10,700' of 5½" casing as follows: 400' of 20# N-80 LT&C, 9750' of 17# N-80 LT&C, 500' of 17# N-80 Buttress. Cement with 500 Sx. of class "H" Halco Light + additives, tail in with 300 Sx. of Class "H" Premium Plus cement + additives. Estimate top of cement 7500' from surface.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: Joe T. Janica		Approved by:	
Printed name: Joe T. Janica		Title:	
Title: Agent		Approval Date:	
Date: 12/31/00		Expiration Date:	
Phone: 505-201-8503		Conditions of Approval: 2000	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway