

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO BOX 2088
Santa Fe, NM 87504-2088

Form C-101
Revised March 17, 1999
Instructions on back
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

¹ Operator Name and Address Yates Drilling Company 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025513
		³ API Number 30-005-21173
⁴ Property Code 11900	⁵ Property Name Cactus Queen Unit	⁶ Well No. 17

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N	27	12S	31E		660	South	1390'	West	Chaves

⁸ 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
⁹ Proposed Pool 1 Chaves Queen SE Associated Pool					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 4441'
¹⁶ Multiple No	¹⁷ Proposed Depth 3100'	¹⁸ Formation Queen	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	400'	250 sx	Surface
7 7/8"	5 1/2"	15.5#	3100'	600 sx	Circulate

** Cement to cover all oil, gas & waterbearing zones.

²² 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.

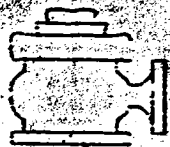
Yates Drilling Company proposes to drill and test the Queen and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. If commercial, production casing will be run and cemented to surface, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW/Native Mud; 400-2900' Cut Brine/Brine; 2900-3100' Brine/Starch.

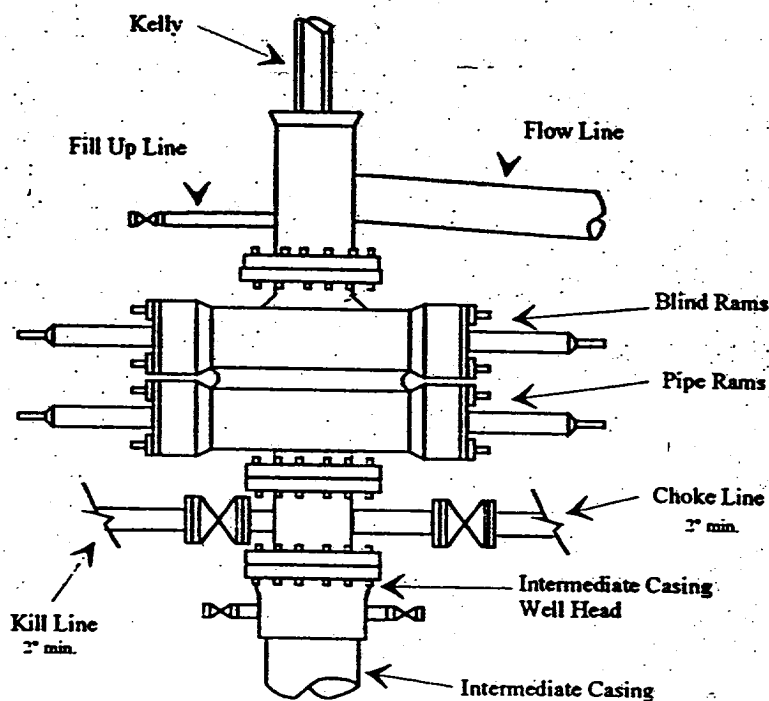
BOPE PROGRAM: A 2000# BOPE will be installed on the 8 5/8" casing and tested daily for operational..

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Pat Perez</i>		OIL CONSERVATION DIVISION Approved by: <i>PAUL F. KAUTZ</i> Title: PETROLEUM ENGINEER	
Printed name: Pat Perez		Approval Date: MAY 22 2002 Expiration Date:	
Title: Regulatory Agent		Conditions of Approval	
Date: 05/20/02	Phone: (505) 748-1471	Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

