

District I  
PO Box 1980, Hobbs, NM 88241-1980

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 & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

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

Operator Name and Address Mewbourne Oil Company P.O. Box 5270 Hobbs, New Mexico 88241		OGRID Number 14744
Property Code 21595	Property Name Carlsbad "22" State	API Number 30-015-29851
		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
C	22	21S	26E		990	North	1650	West	Eddy

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 Und Avalon Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3236
Multiple No	Proposed Depth + 11300	Formation Morrow	Contractor Unknown	Spud Date Upon Approval

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48#	+ 400	400	Circulated
12 1/4	8 5/8	24# & 32#	+ 2600	1000	Tie Back Surface
7 7/8	5 1/2	17# & 20#	+ 11300	1200	Tie Back Int.

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.

BOP Program: Schaffer LWS or equivalent (Double-Ran Hydraulic) 900 series w/Hydrill 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separator from top of Wolfcamp to T.D.

Mud Program: 0-400' Fresh water w/spud mud, paper for LCM as needed.  
400-2600' Brine water w/paper for LCM as needed, lime for pH.  
2600-10000' Cut brine w/paper for LCM as needed, lime for pH.  
10000-11300' Cut brine w/driscap, salt gel, starch, soda ash and caustic sod. Wt. 9.2#-9.8#/gal, WL 10 cc's or less.  
Vis. 32-34 centipoise.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Erik L. Hoover*

Printed name: Erik L. Hoover

Title: District Manager

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY TIM W. GUM

Title: DISTRICT II SUPERVISOR

Approval Date: SEP 22 1997

Expiration Date: 9-22-98