

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

District II
811 South First, Artesia, NM 88210

District III
1000 Ric 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, NM 88241		OGRID Number 14744
		API Number 30 - 0 15 - 3 047
Property Code 25595	Property Name Ranch Hand "17" State	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
M	17	23S	27E		660	South	660	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 Carlsbad, South, Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3182
Multiple No	Proposed Depth 12200	Formation Morrow	Contractor Patterson Drilling	Spud Date 10-19-99

Minimum WOC time 8 hrs. 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#	500	400	Surface
12-1/4"	9-5/8"	36#	2800	800	Surface
8-3/4"	5-1/2"	17#	12200	800	8000'
To cement all oil, gas, & water bearing zones					

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.

Hydril annular type BOP with 3000 psi WP to be installed while drilling 12-1/4" hole. Dual hydraulic BOP's with minimum working pressure of 3000 psi to be installed while drilling 8-3/4" hole. Outlet from BOP stack to be connected to choke manifold with minimum working pressure of 3000 psi to facilitate control of any pressured fluids which may be encountered at the surface during drilling operations.

Mud program:

0-500' - Fresh water spud mud

500-2800' - Brine water

2800-10000' - Fresh water at 8.4-8.5 lbs/gal

10000-12200' - Cut brine water with starch and salt gel, 9.4-11.0 lbs/gal, 30-40 sec/liter viscosity, 8-10 cc water loss, CI 130-145K

NSL-

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

Signature:

Printed name: Jerry Elgin

Title: District Manager

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

3-23-00

Expiration Date:

3-23-01