

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

District II
911 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, NM 88241 (505)393-5905		OGRID Number 14744
Property Code 28193	Property Name Esperanza "15" State Com.	API Number 30 - 0 15-31877
		Well No. # 1

NSL- 4606 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
J	15	21S	27E		2232	South	1980	East	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 Burton Flat Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3284
Multiple No	Proposed Depth 11800	Formation Morrow	Contractor Unknown	Spud Date

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	Circ. to Surface
12-1/4"	8-5/8"	32#	2600	1200	Circ. to Surface
7-7/8"	5-1/2"	17#	11800	1200	Tie back Intermediate

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 : 2K Hydril (See Exhibit #2) from surface casing to intermediate TD. Schaffer LWS or equivalent (Double-Ram Hydraulic) 900 series with Hydril 900 series (See Exhibit #2A) from intermediate casing to total depth. Rotating Head, PVT, Flow Monitors, and mud gas Separator from the Wolfcamp to TD.

Mud Program: 0 to 400' Fresh Water, spud mud, lime for PH, and LCM as needed for seepage. 400 to 2600' 10# Brine, Caustic for PH, Starch for WL Control, and LCM as needed for seepage. 2600 to TD 9.3 to 10# Brine, Caustic for PH, Starch for WL Control, and LCM as needed for seepage.

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

Signature: Terry Burke

Printed name: Terry Burke

Title: Drilling Foreman

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approval Date: JUL 19 2001

Expiration Date: JUL 19 2002

NOTIFY OCD SPUD & TIME TO WITNESS
CEMENTING OF WATER PROTECTION
STRING