

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

JUN - 3 1997

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, PLUG BACK, OR ADD A ZONE

Operator Name and Address. Mewbourne Oil Company P.O. Box 5270 Hobbs, New Mexico 88241		DIST. 2	OGRID Number 14744
			API Number 30-015-29745
Property Code 21120	Property Name Black River '35' State Com.		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	35	23S	26E		760	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 South Carlsbad Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3254'
Multiple No	Proposed Depth +11,950'	Formation Morrow	Contractor Unknown	Spud Date After 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#	500'	500	Surf
12 1/4"	9 5/8"	36# & 40#	4000'	1200	Tieback
8 3/4"	5 1/2"	17#	11950'	600	10,000'

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/Hydril 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' - 500' Fresh water w/spud mud, paper for LCM as needed.
400'-4000' Brine water w/paper for LCM as needed, lime for pH.
4000'-11000' Cut brine w/paper for LCM as needed, lime for pH.
11000'-11950' 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: *Jim W. Green*
Title: *District Supervisor*
Approval Date: 7-22-97

Expiration Date: 7-22-98

NSL # 3831