

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

¹ Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, N.M. 88241		² OGRID Number 14744
		³ API Number 30 - 0 / 5 - 32650
⁴ Property Code 32000	⁵ Property Name West Loving 2 State	⁶ 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
K	2	24S	27E		1980	South	1980	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
⁹ Proposed Pool 1 Black River Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3140
¹⁶ Multiple	¹⁷ Proposed Depth 12800	¹⁸ Formation Morrow	¹⁹ Contractor TBA	²⁰ Spud Date 03-01-03

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	Surface
12 1/4"	9 5/8"	40	4300	1300+200	Surface
8 3/4"	5 1/2"	17	12800	800	Top of WC

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.

BOP Program: 2K Hydril (Exhibit #2) from surface casing to intermediate TD.
Schaffer LWS or equivalent (Double-Ram-Hydraulic) 1500 series with Hydril 900 series (Exhibit #2A) from intermediate casing to TD. Rotating Head, PVT, Flow Monitor & Gas Separator will be installed before Wolfcamp.

Mud Program: 0-500'.. Fresh Water & Spud Mud.
500-4300'..FW mud. Then go to add brine before the salt. Sweeps as needed.
4300-12800'..9.3-9.7#/g Cut Brine. WL & Viscosity increase as needed.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: N.M. Young

Title: District Manager

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TLE N. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

FEB 24 2003

Expiration Date:

FEB 24 2004

DISTRICT 1
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

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
			Black River Morrow
Property Code	Property Name		Well Number
	WEST LOVING "2" STATE		1
OGRID No.	Operator Name		Elevation
14744	MEWBOURNE OIL COMPANY		3140

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	24S	27E		1980	SOUTH	1980	WEST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p align="right"><i>N.M. Young</i></p> <hr/> <p>Signature</p> <p align="right">N.M. Young</p> <hr/> <p>Printed Name</p> <p align="right">Dst. Manager</p> <hr/> <p>Title</p> <p align="right">02/20/03</p> <hr/> <p>Date</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p align="right">1/17/2003</p> <hr/> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <div align="right"> </div> </div>
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Mewbourne Oil Company
BOP Scematic for
12 1/4" Hole

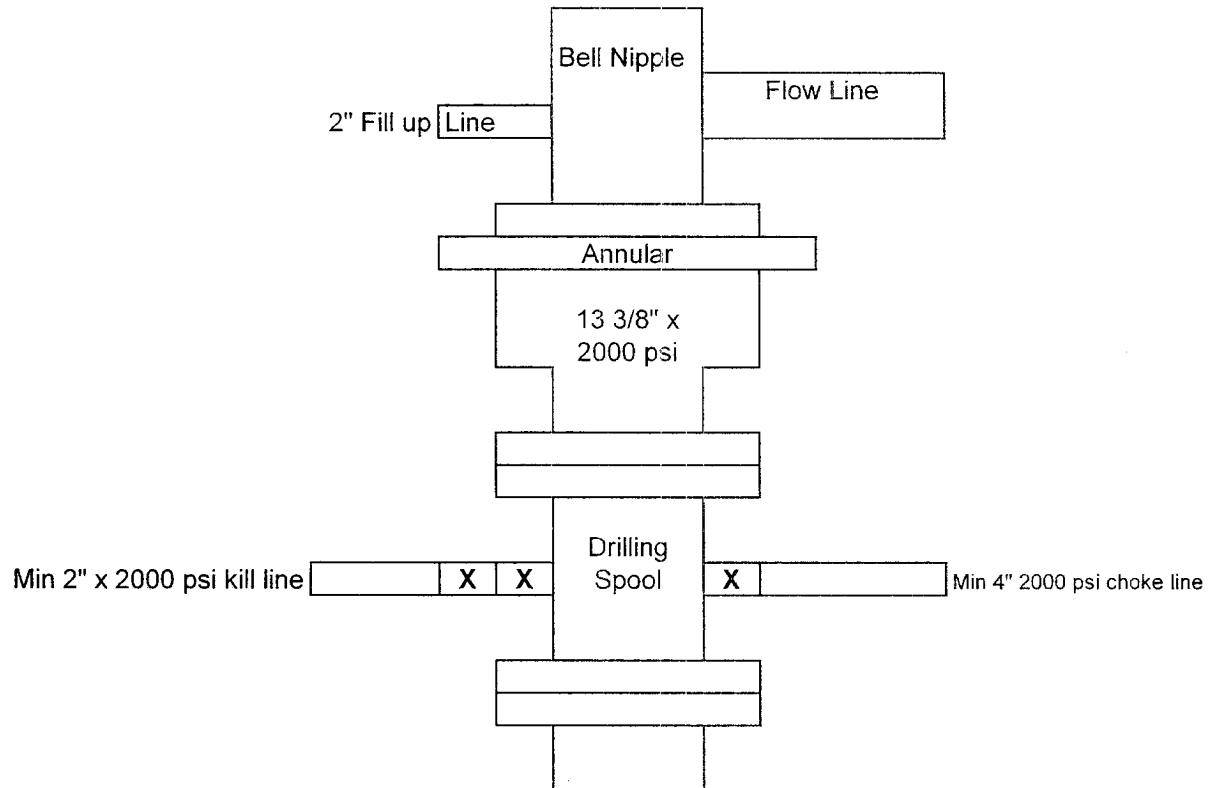


Exhibit #2

West Loving 2 State #1
1980' FSL & 1980' FWL
Sec. 2 T-24S R-27E
Eddy, County New Mexico

Mewbourne Oil Company

BOP Schematic for
8 3/4" or 7 7/8" Hole

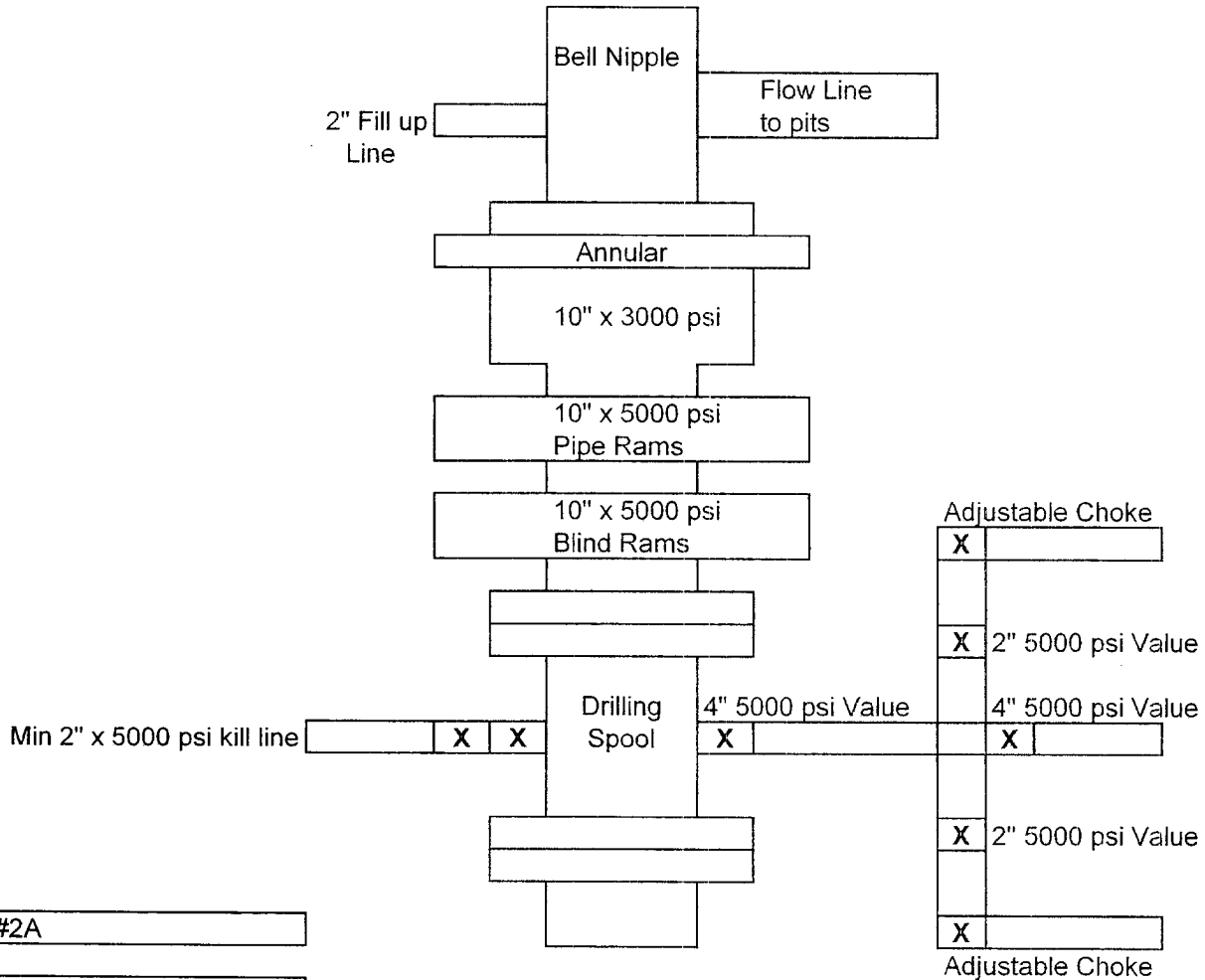


Exhibit #2A

West Loving 2 State #1
1980' FSL & 1980' FWL
Sec. 2 T-24S R-27E
Eddy, County New Mexico