

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, PLUG BACK, OR ADD A ZONE

Operator Name and Address Mewbourne Oil Company P.O. Box 5270 Hobbs, NM 88241 (505)393-5905		OGRID Number 14744
		API Number 30-015-32415
Property Code 30463	Property Name Esperanza "14" 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	14	21S	27E		660	South	660	West	Eddy

Proposed Bottom Hole Location If Different

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South
Proposed Pool 1 Burton Flat Morrow						

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3242
Multiple No	Proposed Depth 11900	Formation Morrow	Contractor Unknown	Spud Date 08-30-02

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#	11900	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.

BO₂ 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' Fresh Water, lime for PH, 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:

Printed name: Terry Burke

Title: Drilling Foreman

OIL CONSERVATION DIVISION

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

Title:

Approval Date:

AUG 28 2002

Expiration Date:

AUG 28 2003

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name ESPERANZA "14" STATE	Well Number 1
OGRID No.	Operator Name MEWBOURNE OIL COMPANY	Elevation 3242

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	14	21S	27E		660	SOUTH	660	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Terry Burke Printed Name Drilling Foreman Title August 20, 2002 Date	
	SURVEYOR CERTIFICATION 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. 7/25/2002 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Herschel L. Jones RLS 3640 ESPERANZA 14-1 GENERAL SURVEYING COMPANY	
	Lease # OG-5809-1 3243 3238 660 3252 3244 660	

Mewbourne Oil Company
BOP Schematic for
12 1/4" Hole

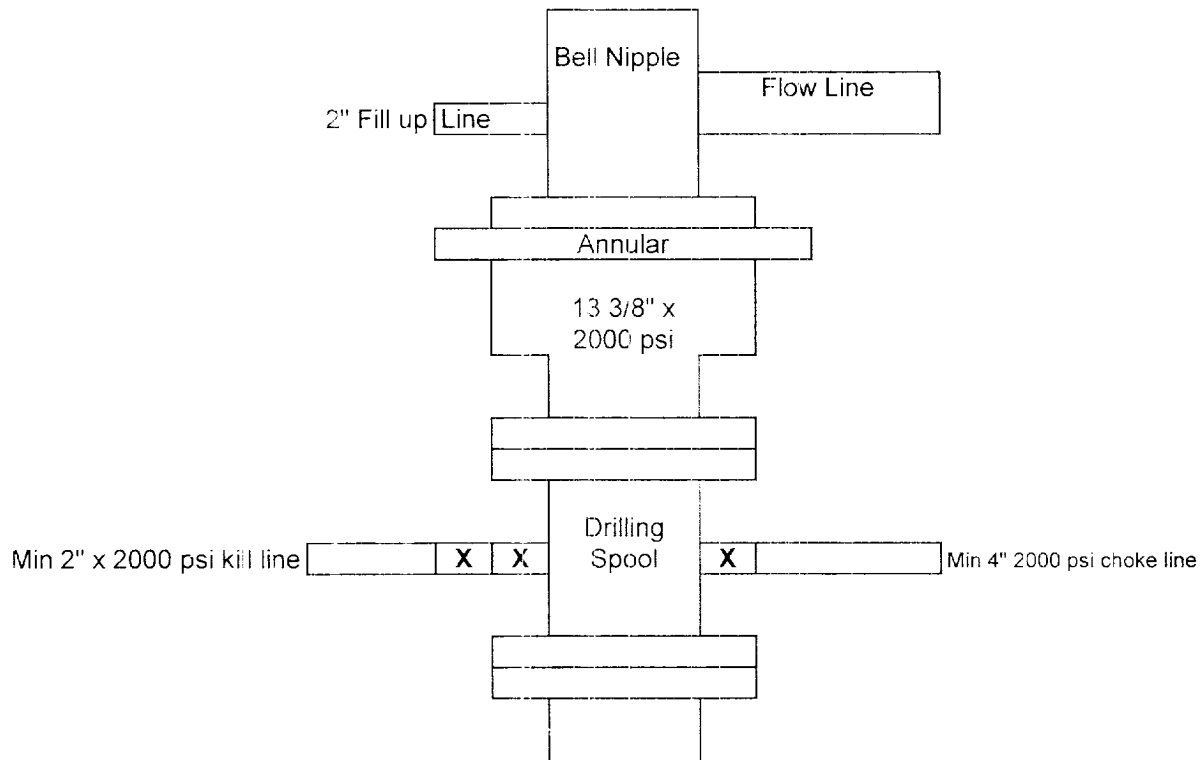


Exhibit #2

Esperanza "14" State # 1
660' FSL & 660' FWL
Sec.14; T21S; R27E
Eddy, County New Mexico

Mewbourne Oil Company

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

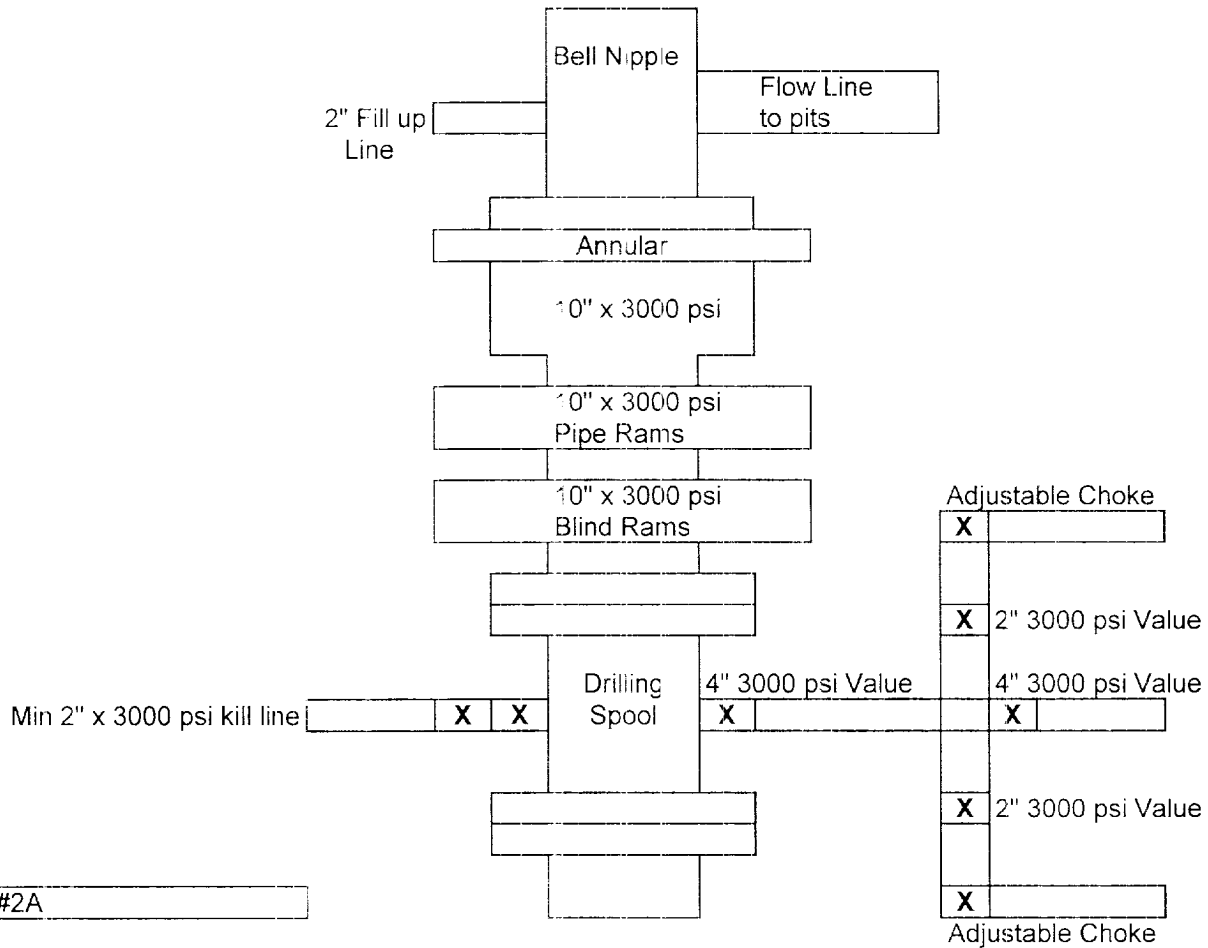


Exhibit #2A

Esperanza "14" State # 1
660' FSL & 660' FWL
Sec.14 T-21S R-27E
Eddy, Courty New Mexico