

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

Operator Name and Address Mewbourne Oil Company P.O. Box 5270 Hobbs, NM 88241 (505)393-5905		OGRID Number 14744
Property Code 30462		API Number 30 - 0 15-32647
Property Name Esperanza "14" State		Well No. #2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	14	21S	27E		1980 1830	North	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

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

NOTIFY OCD SPUD & TIME TO WITNESS 8 5/8" CASING

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3241
Multiple No	Proposed Depth 11900	Formation Morrow	Contractor Unknown	Soud Date ASAP

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

²²Describe 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' 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.

²³I 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

Title:

Approval Date: **FEB 19 2003** Expiration Date: **FEB 19 2004**

* See Sundry for Location Move to 1830' FNL

DISTRICT II
811 South First, Artesia, NM 88210

Energy, Minerals and Natural Resources Department.

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Burton Flat Morrow
Property Code	Property Name	Well Number
	ESPERANZA "14" STATE COM.	2
OGRID No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3241

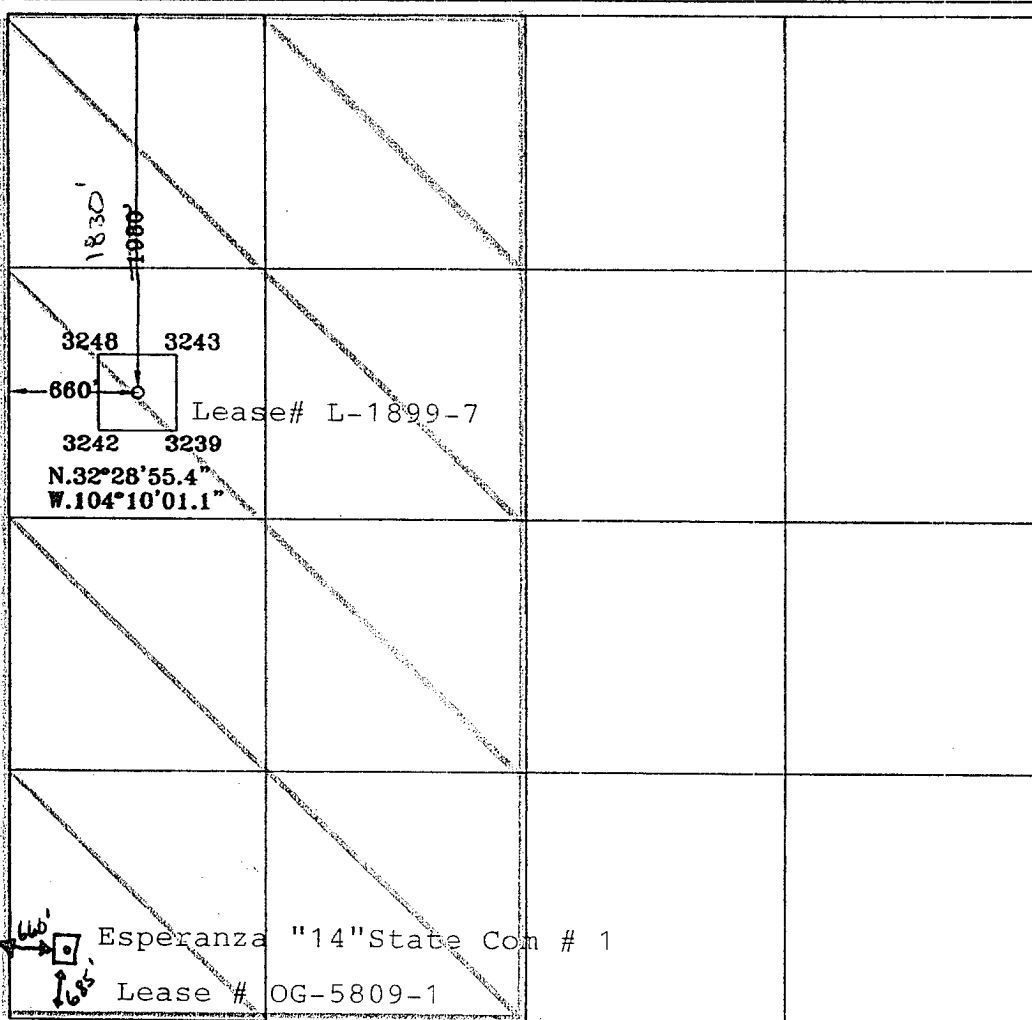
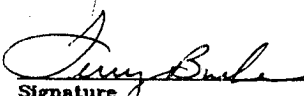


Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	21S	27E		1980 1830	NORTH	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

		<div>OPERATOR CERTIFICATION</div> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature</p> <p>Terry Burke Printed Name</p> <p>Drilling Foreman Title</p> <p>January 2, 2003 Date</p>	
		<div>SURVEYOR CERTIFICATION</div> <p>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.</p> <p>10/31/2002 Date Surveyed</p> <p> Signature & Seal of Professional Surveyor</p> <p></p> <p>Certificate No. Herschel Jones RLS 3640 ESPERANZA 14-7 GENERAL SURVEYING COMPANY</p>	

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

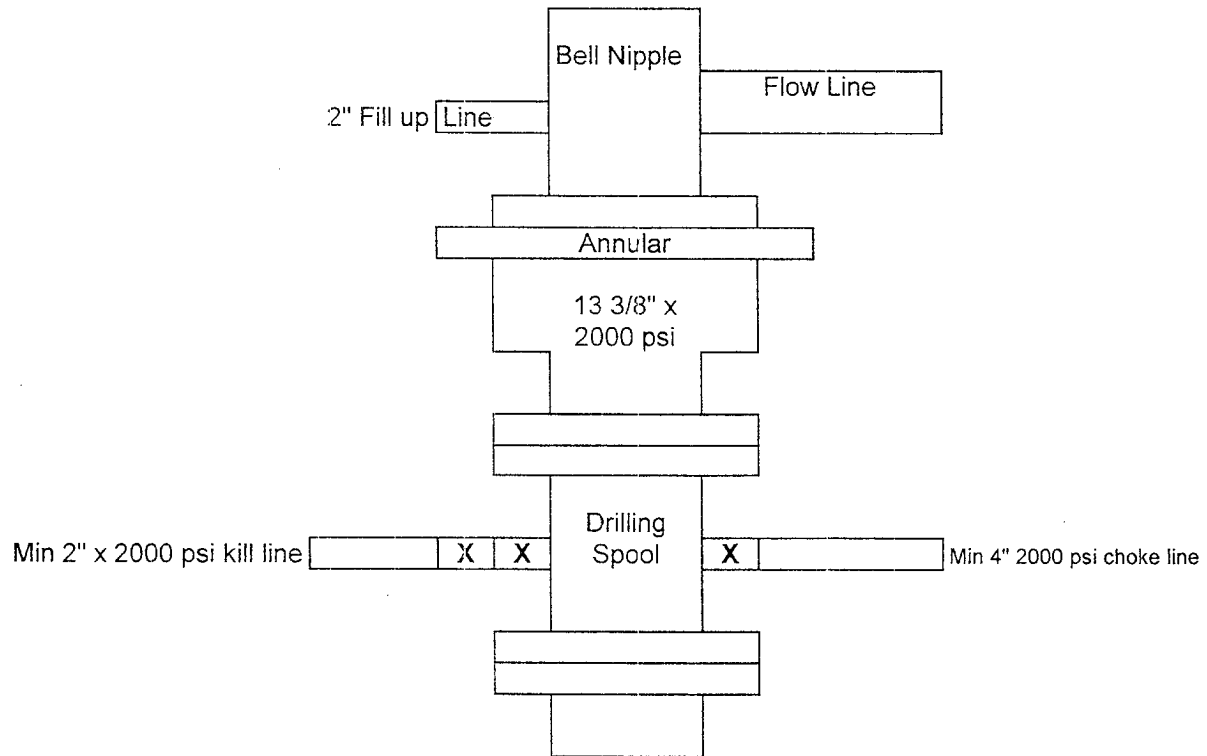


Exhibit #2

Esperanza "14" State Com # 2
1980' FNL & 660' FWL
Sec. 14; T21S; R27E
Eddy County, New Mexico

Mewbourne Oil Company

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

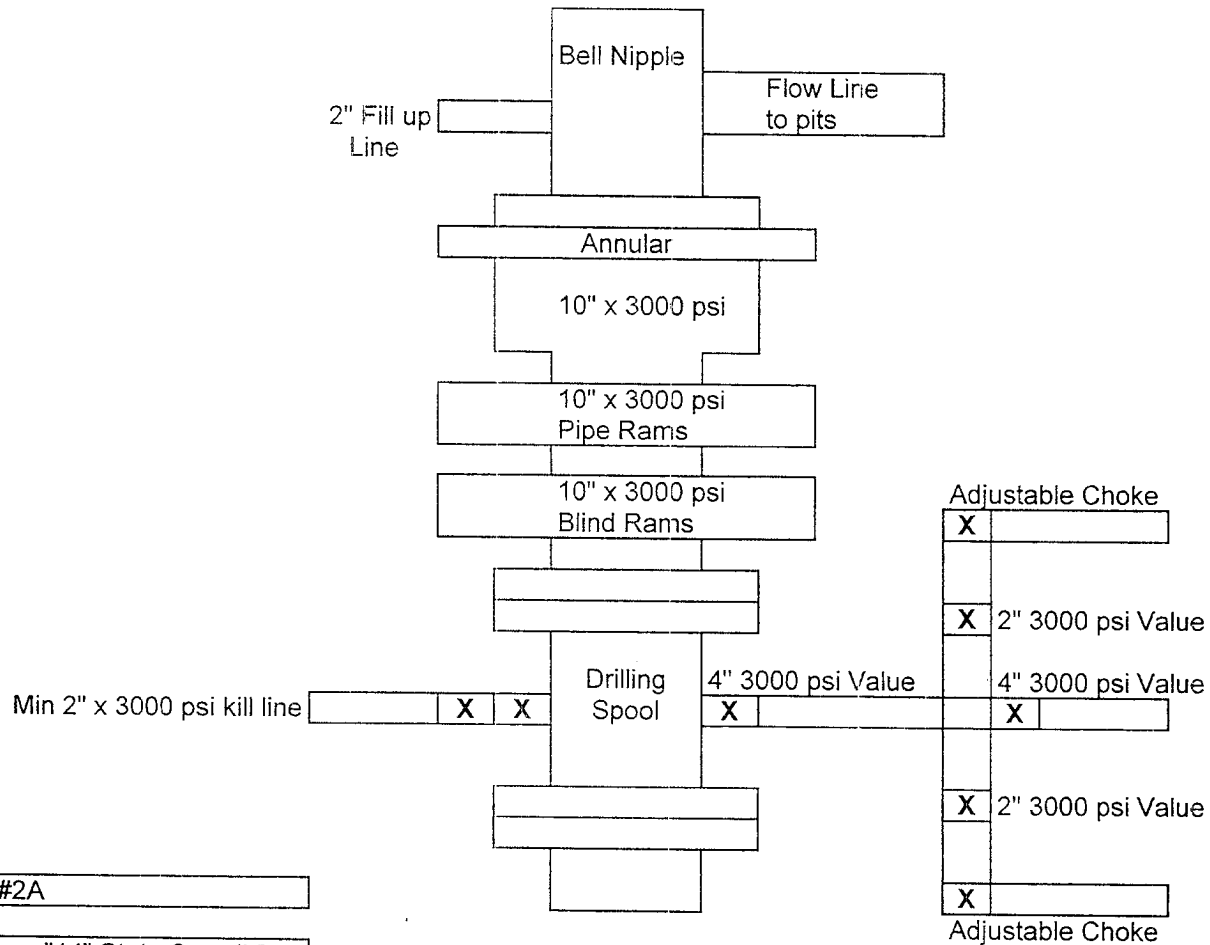


Exhibit #2A

Esperanza "14" State Com # 2
1980' FNL & 660' FWL
Sec. 14; T21S; R27E
Eddy County, New Mexico