

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
		API Number 30 - 0 15-32537
Property Code 30854	Property Name Esperanza "11" State Com	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
J	11	21S	27E		1980	South	1650	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	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 3259
Multiple No	Proposed Depth 11900	Formation Morrow	Contractor Unknown	Spud Date 12-05-02

Proposed Casing and Cement Program

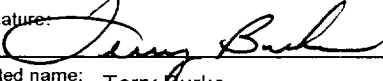
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400	400	Circ. to Surface
12-1/4"	8-5/8"	32#	2600	1200	Circ. to Surface
7-7/8"	5-1/2"	17#	11900	1200	600' above WC

<sup>22</sup>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' 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.

<sup>23</sup>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 TIM W. GUM

Title: DISTRICT II SUPERVISOR

Approval Date: NOV 22 2002 | Expiration Date: NOV 22 2003

Cement to cover all oil, gas and  
water bearing zones.

1626 N. French Dr., Hobbs, NM 88240

Energy, Minerals and Natural Resources Department

**Fee Lease - 3 Copies**

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2040 South Pacheco, Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

**Santa Fe, New Mexico 87504-2088**

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Burton Flats Morrow
Property Code	Property Name ESPERANZA "11" STATE COM.	Well Number 2
OGRID No.	Operator Name MEWBOURNE OIL COMPANY	Elevation 3259

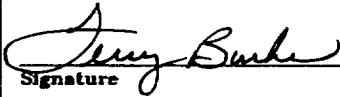
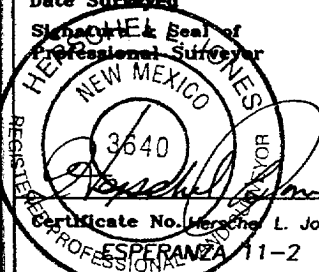
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	11	21S	27E		1980	SOUTH	1650	EAST	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 320	Joint or Infill	Consolidation Code		Order No.					

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><div><div>N.32°29'34.7" W.104°09'25.9"</div><div><div><div>3265</div><div>3262</div><div>3252</div><div>3250</div></div><div><div>1650'</div><div>1980'</div></div></div><div>V-5010-1</div></div></div>	<b>OPERATOR CERTIFICATION</b> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div><div></div><div>Signature</div><div>Terry Burke</div><div>Printed Name</div><div>Drilling Foreman</div><div>Title</div><div>November 18, 2002</div><div>Date</div></div>
			<b>SURVEYOR CERTIFICATION</b> <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> <div><div>Date Surveyed</div><div>10/31/2002</div></div>
			<div><div><div><div>Signature &amp; Seal of Professional Surveyor</div><div></div></div><div>Certificate No. Herschel L. Jones RLS 3640</div><div>ESPERANZA 11-2</div><div>GENERAL SURVEYING COMPANY</div></div></div>

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

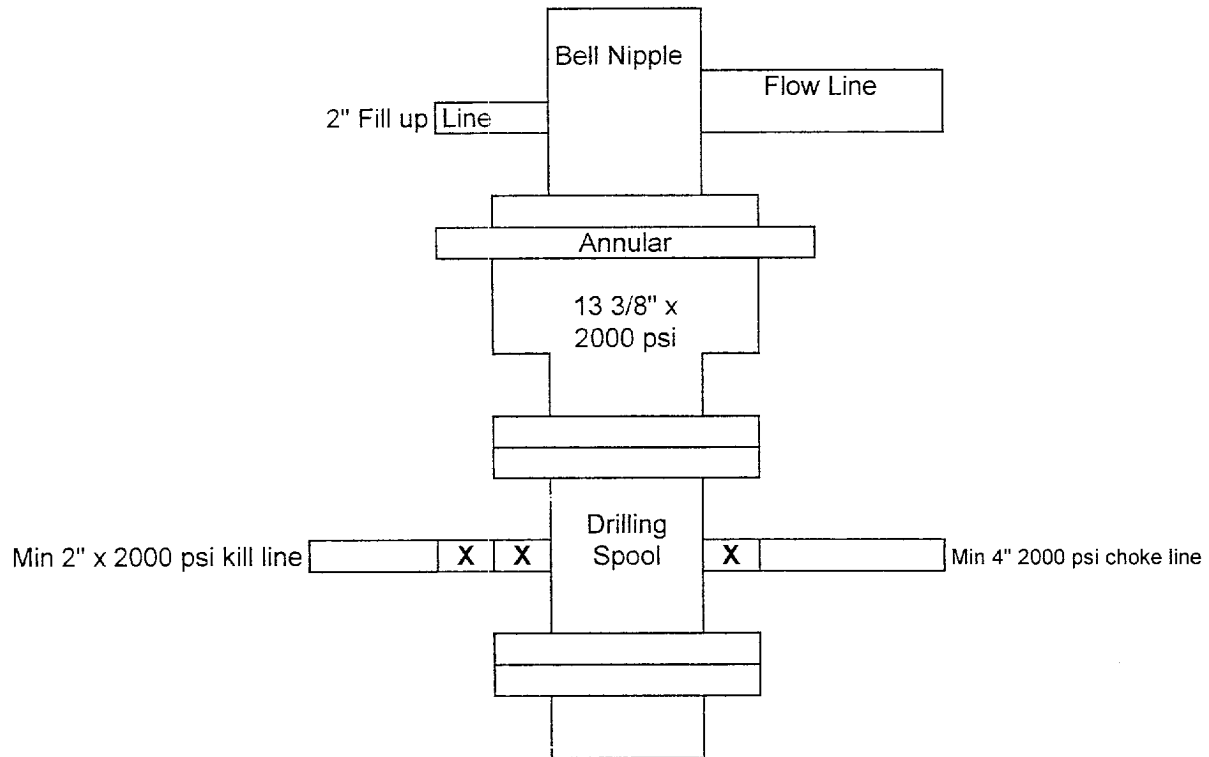


Exhibit #2

Esperanza "11" State Com # 2  
1980' FSL & 1650' FEL  
Sec.11; T21S; R27E  
Eddy, County New Mexico

Mewbourne Oil Company  
BOP Schematic for  
8 3/4" or 7 7/8" Hole

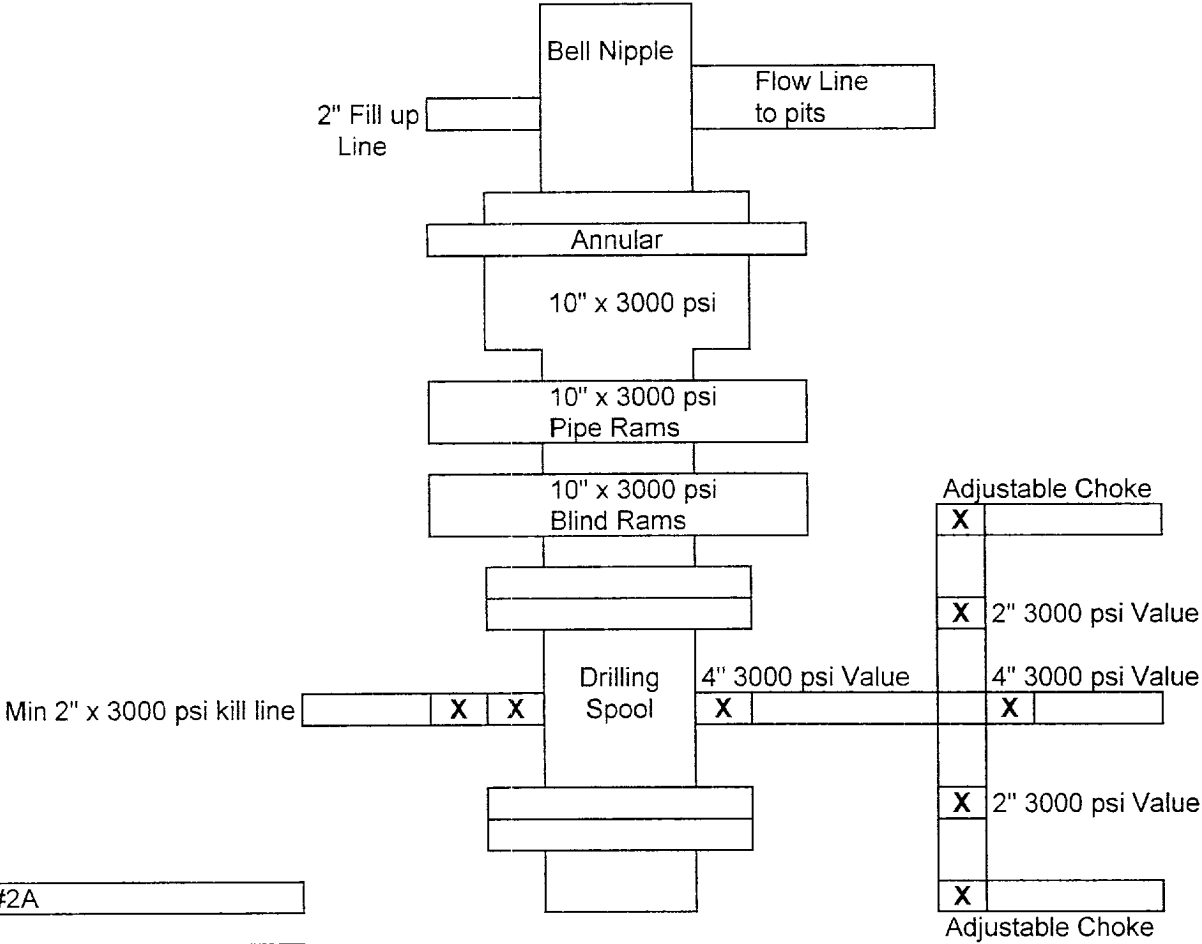


Exhibit #2A

Esperanza "11" State Com # 2  
1980' FSL & 1650' FEL  
Sec.11 T-21S R-27E  
Eddy, County New Mexico