

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 PO Box 5270 Hobbs New Mexico 88240 (505)393-5905		OGRID Number 14744
Property Code 24744	Property Name Empire "18" State Com.	API Number 30-015-30692
		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
I	18	17	29		1650	South	990	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	Feet from the	East/West Line	County
Proposed Pool 1 Empire Morrow (South) 764cc					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3644
Multiple S	Proposed Depth 11000	Formation Morrow	Contractor Unknwon	Spud Date Upon 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#	400	400	Circulate
12 1/4"	8 5/8"	32#	2600	800	Tie Back
7 7/8"	5 1/2"	17#	11000	600	6000' Post ID-1 7-9-99 API & Loc

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-Ram Hydraulic) 900 series with a Hydriil 900 series from intermediate casing to total depth. Rotating Head, PVT Monitors, and a Mud Gas Separator from the Wolkcamp to TD.

Mud Program: 0 to 400' Fresh water spud mud and LCM as needed.

400' to 9500' Brine and Cut Brine, Caustic Soda for pH, and LCM as needed.

9500' to TD Brine and Cut Brine, 9.0 to 9.8 ppg, Caustic Soda for pH, Starch for WL Control, and Lcm as needed

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

Signature:

Printed name: Steve Matthews

Title: Drilling Superintendent

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: 7-8-99

Expiration Date: 7-8-cc

PF 253.5 5183 + 32 W.

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

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 <i>Empire Morrow (South)</i>
Property Code	Property Name EMPIRE "18" STATE <i>Com.</i>		Well Number 1
OGRIID No. <i>14744</i>	Operator Name MEWBOURNE OIL COMPANY		Elevation 3644

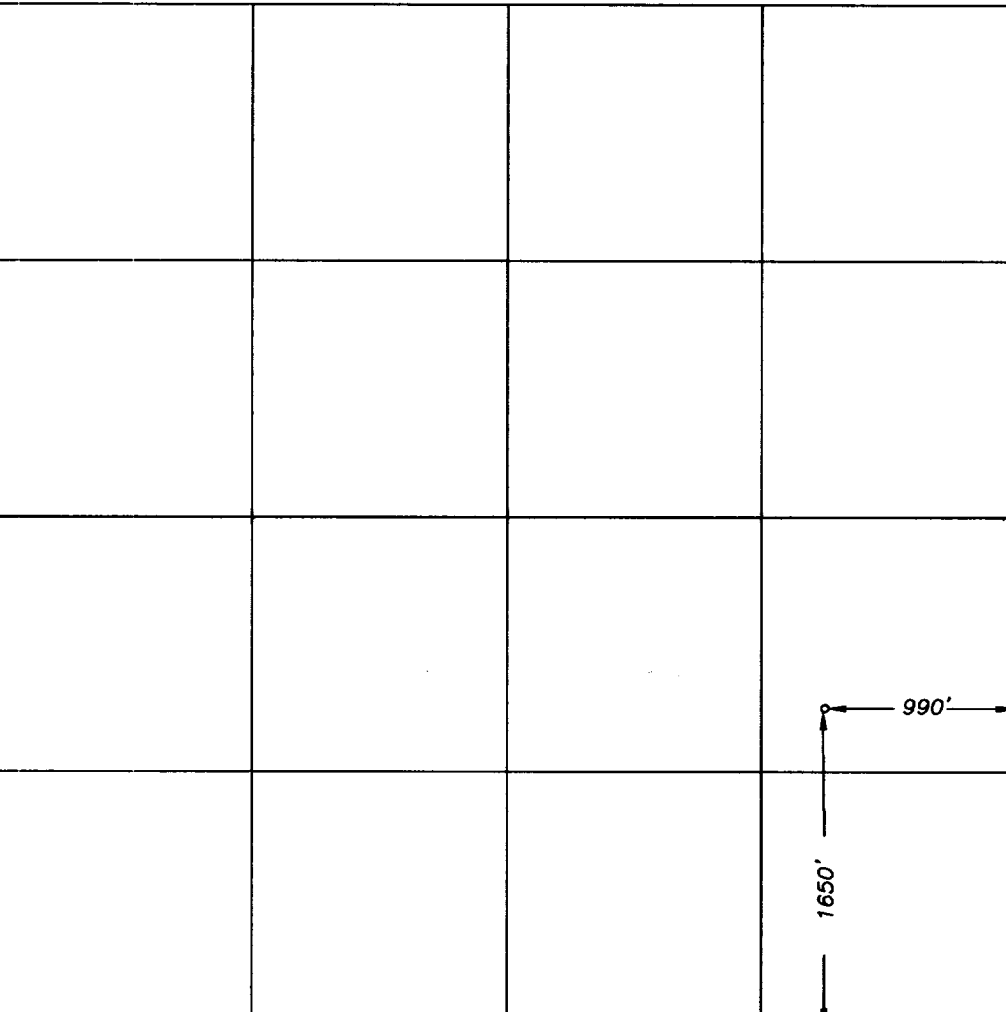
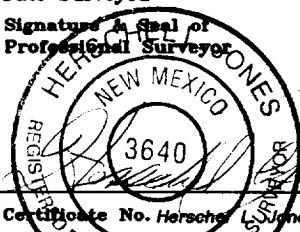
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	18	17S	29E		1650	SOUTH	990	EAST	EDDY

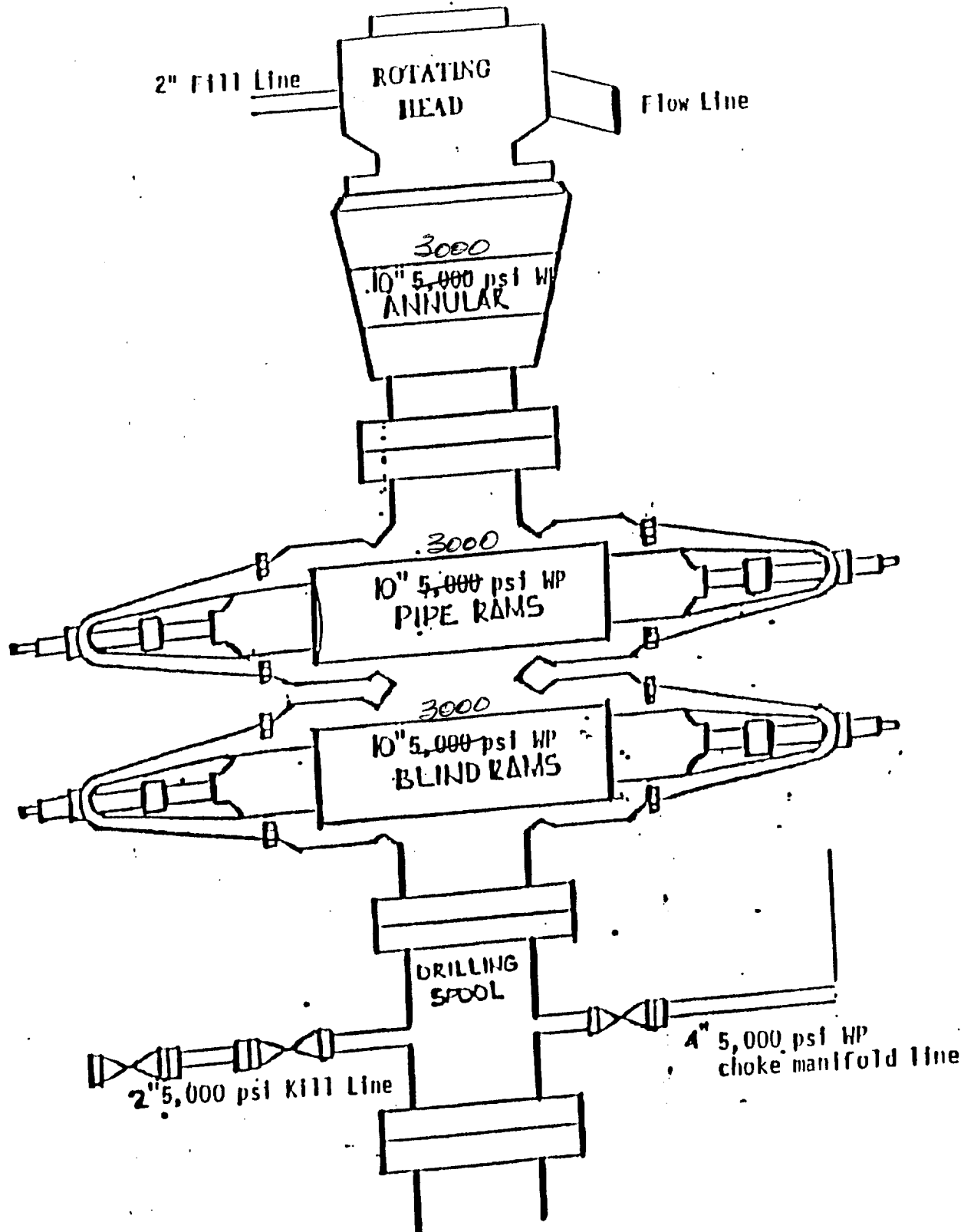
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	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**

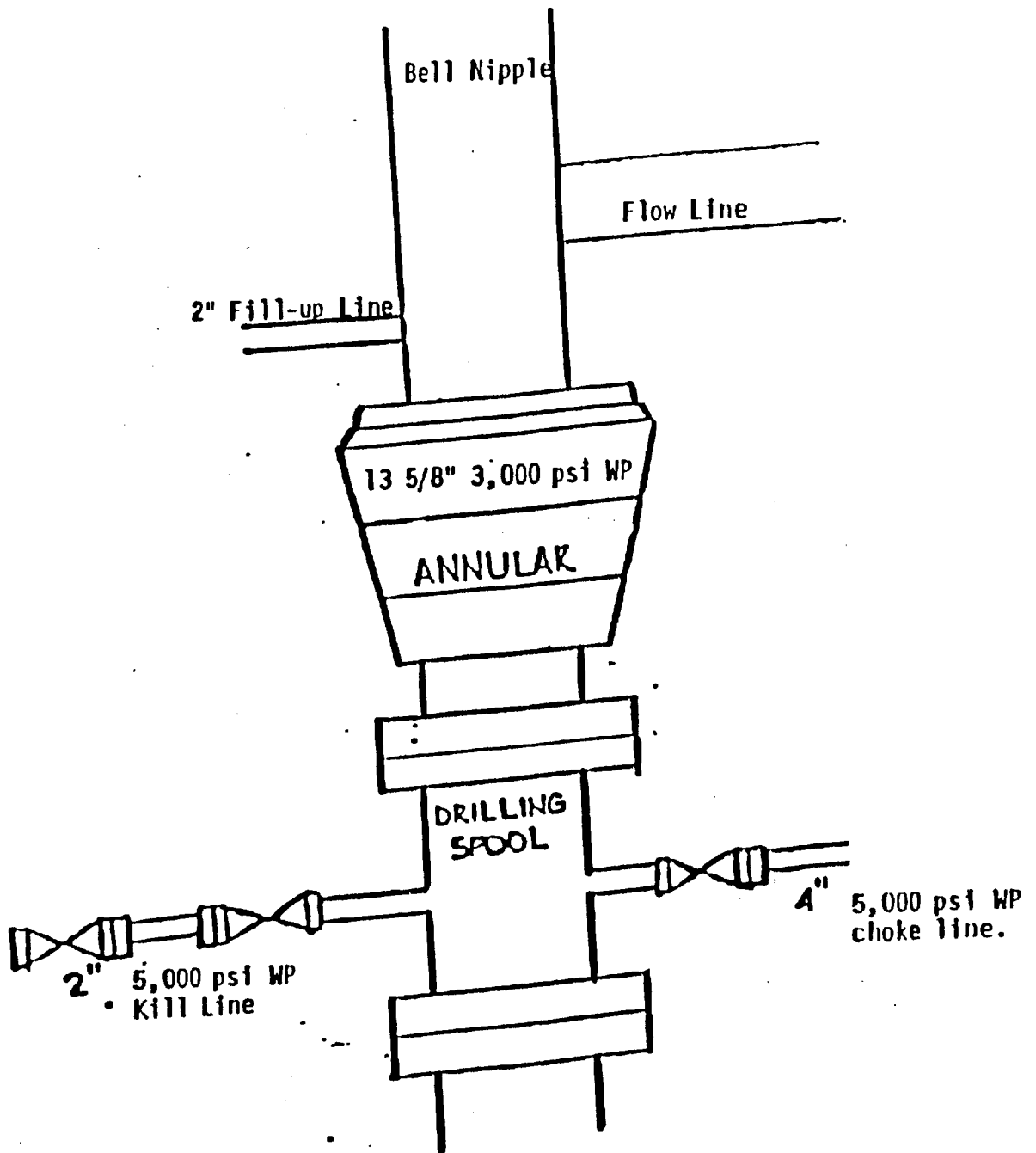
	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u><i>Steve Matthews</i></u> Signature</p> <p><u>Steve Matthews</u> Printed Name</p> <p><u><i>Dir. Supt.</i></u> Title</p> <p><u><i>5-26-99</i></u> 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"><u>1/19/99</u></p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <p>Certificate No. <i>Herschel R. Jones</i> RLS 3640</p> <p align="center">EMPIRE 1 SURVEYING COMPANY GENERAL SURVEYING COMPANY</p> </div>
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BOP SCHEMATIC
PRODUCTION HOLE



BOP SCHEMATIC

12 1/4" Intermediate Hole



CHOKE MANIFOLD

(5,000 psi upstream WP)

