

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

State Lease - 6 Copies

Fee Lease - 5 Copies

Submit to Appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

| | | |
|---|---|---|
| ¹ Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, New Mexico 88240 (505) 393-5905 | | ² OGRID Number 14744 |
| | | ³ API Number 30-015-31269 |
| ⁴ Property Code 7880 | ⁵ Property Name Empire "20" State | ⁶ Well No. #3 |

⁷Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F | 20 | 17S | 29E | | 2310 | North | 2310 | West | Eddy |

⁸Proposed 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 East Empire Yeso | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|--------------------------------------|---------------------------------|-------------------------------------|--|
| ¹¹ Work Type Code N | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3621 |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 4300 | ¹⁸ Formation Yeso | ¹⁹ Contractor Unknown | ²⁰ Spud Date 08-01-00 |

Minimum WOC time 18 hrs.

²¹Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|----------------------|
| 12 1/4" | 8 5/8" | 32# | 500 | 350 | Circulate to surface |
| 7 7/8" | 5 1/2" | 17# | 4300 | 600 | Circulate to surface |
| | | | | | |
| | | | | | |
| | | | | | |

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: Shcaffer LWS or equivalent (Double-Ram Hydraulic) 900 series with Hydriil 900 series from surface casing to total depth.

Mud Program: 0' to 500' Fresh water and spud mud, LCM as needed
500' to 4300' 10# Brine, caustic for pH, and LCM as needed

²³I 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
DISTRICT II SUPERVISOR BGF

Title:

Approval Date:

JUL 25 2000

Expiration Date:

JUL 25 2001

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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 |
| Property Code | Property Name EMPIRE 20 STATE | Well Number 3 |
| GRID No. | Operator Name MEWBOURNE OIL COMPANY | Elevation 3621 |

Surface Location

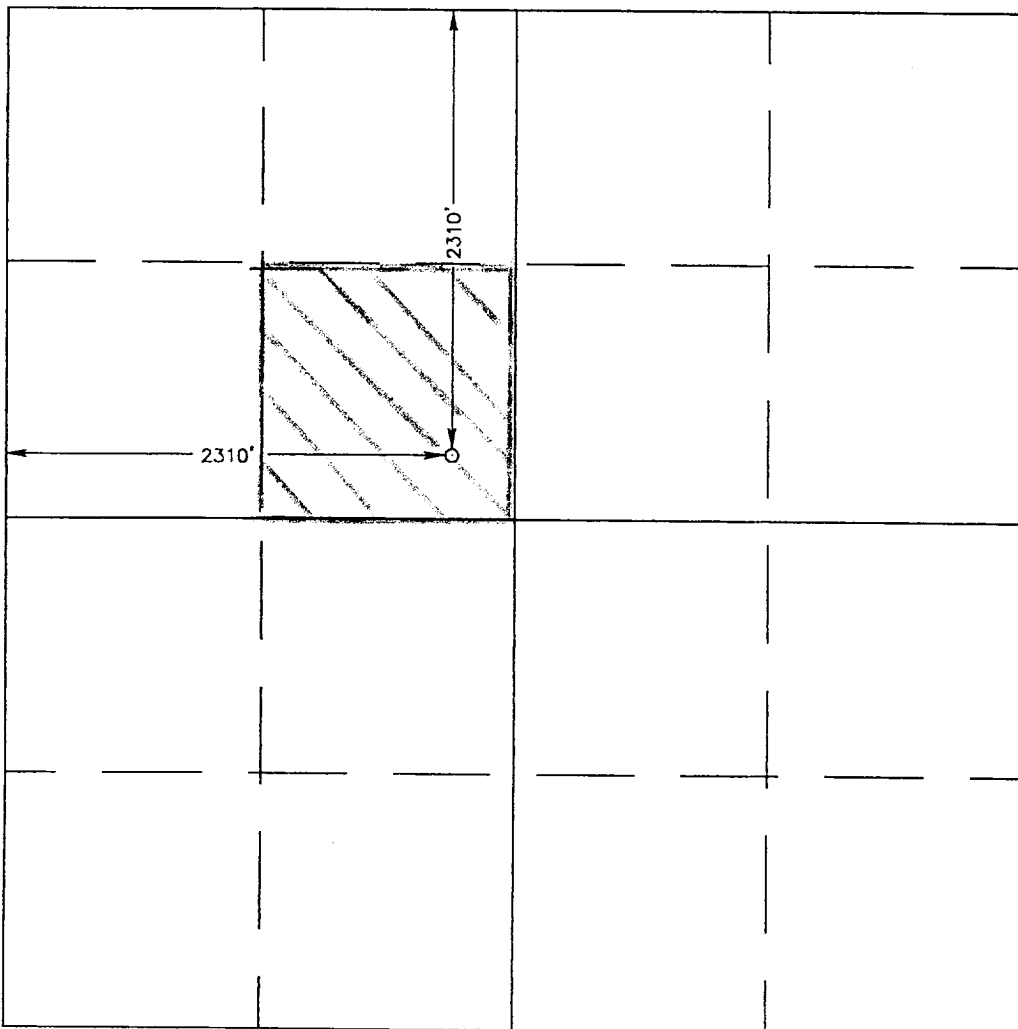
| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| F | 20 | 17 S | 29 E | | 2310 | NORTH | 2310 | WEST | EDDY |

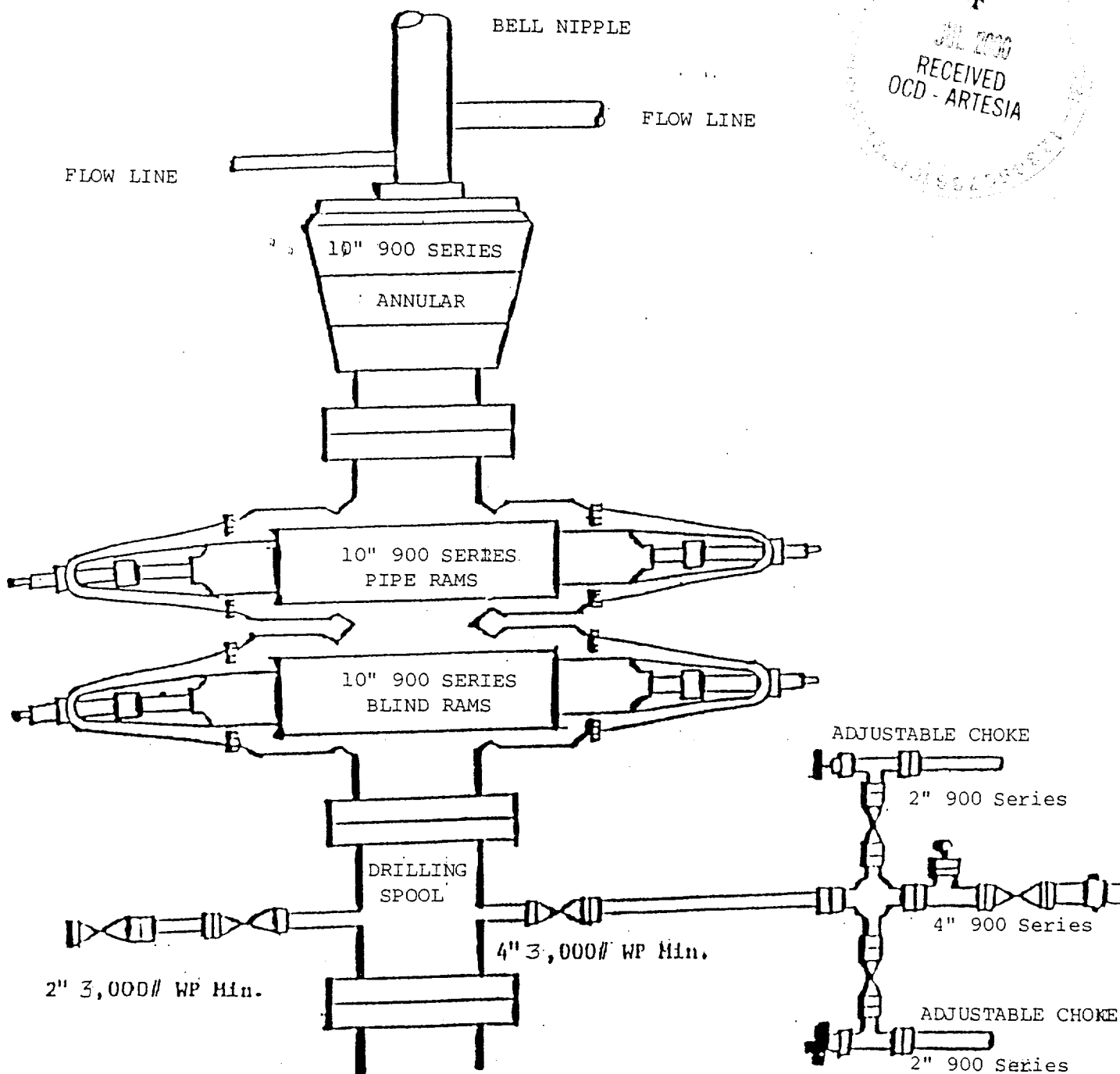
Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 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. |
|-----------------|-----------------|--------------------|-----------|

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

| | |
|--|---|
|  | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Terry Burke</i> Signature Terry Burke Printed Name Drilling Foreman Title July 14, 2000 Date</p> <p>SURVEYOR CERTIFICATION</p> <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>JULY 12, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 7/13/00 00-11-0873 Certificate No. RONALD J. EDSON 3238 GARY EDSON 12641 MACON McDONALD 12185</p> |
|--|---|



BOP & Choke Manifold Schematic
Mewbourne Oil Company
Empire "20" State #3
Sec. 20/17S/29E
Eddy County, New Mexico