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 | 2OGRID Number |
|--------------------------------------|---|------------------|
| Mewbourne Oil Company PO Box 5270 | | 14744 |
| Hobbs, N Mx 88241 | | 3API Number |
| (505)393-5905 | ې د د د د د د د د د د د د د د د د د د د | 30-015-30038 |
| 4Property Code | sProperty Name | CEIVED oWell No. |
| 22948 | Baldridge Canyon "11" State | ARTESIA 1 |
| | Curface Logation | 1 'a ' |

-Surface Location

| | | | | | | 1. S. | | · / | |
|---------------|---------|----------|-------|---------|---------------|---|-----------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | SF can icon the | East/West Line | County |
| Kγ | 11 | 24S | 24E | | 1650 | SOUTH | 660 | WEST | 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 | | | | | | | 10Proposi | ed Pool 2 | |
| Baldridge Canyon Morrow | | | | | | | | | |

| nWork Type Code N | 12Well Type Code G | ııCable/Rotary R | ₁₄Lease Type Code S | 16Ground Level Elevation |
|----------------------|-----------------------|---------------------|------------------------|--------------------------|
| 16Multiple | 17Proposed Depth | 18Formation | 19Contractor | 20Spud Date |
| No | 11000 | Morrow | Unknown | upon Appeoval. |

²¹Proposed 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 | Jie back CILC |
| 7 7/8" | 5 1/2" | 17# | 10800 | 1200 | Tie back |
| | ······································ | | | Post FD-1 | |
| | | | <u> </u> | 3-13-98 | |

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: Schaffer LWS or equivalant (Double-Ram Hydraulic) 900 series w/ Hydril, from intermediate to TD

Mud Program: 0' to 400' Fresh wtr. w/ spud mud and LCM as needed 400' to 2600' Fresh wtr, and LCM as needed

2600' to 10,000' Cut-brine, LCM as needed

10,000' to TD Cut-brine, w/ drispac, pe hydrated gel, starch, soda ash, and caustic soda, Mw ; 9.5 to 10 WL; 10cc or less, Vis. 32 - 34ct

| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | OIL CONSERVATION DIVISION | | | |
|--|---|--|--|--|
| Signature: | Approved By: | | | |
| Printed name: Steve Matthews | Title: DISTRICT II SUPERVISOR | | | |
| Title: Prilling Superintendent | Approval Date: MAR 6 1998 Expiration Date: 3-6-99 | | | |
| NAM | * NOTE CHANGE | | | |