

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., A:sec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 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.<br>Chi Operating, Inc.<br>P.O. Box 1799<br>Midland, Texas 79702 |                         | OGRID Number<br>004378     |
| Property Code<br>19278                                                                     | Property Name<br>Oyster | API Number<br>30-025-33525 |
|                                                                                            |                         | Well No.<br>1              |

| 7 Surface Location |         |          |       |         |               |                  |               |                |        |
|--------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.      | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
| N                  | 22      | 19S      | 35E   |         | 880<br>860    | South            | 1880          | West           | Lea    |

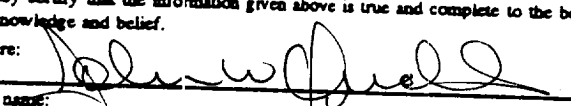
| 8 Proposed Bottom Hole Location If Different From Surface |         |          |       |         |                 |                  |               |                |        |
|-----------------------------------------------------------|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| UL or lot no.                                             | Section | Township | Range | Lot Ida | Feet from the   | North/South line | Feet from the | East/West line | County |
| Proposed Pool 1<br>Wildcat                                |         |          |       |         | Proposed Pool 2 |                  |               |                |        |

|                     |                          |                       |                      |                                 |
|---------------------|--------------------------|-----------------------|----------------------|---------------------------------|
| Work Type Code<br>N | Well Type Code<br>O or G | Cable/Rotary<br>R     | Lease Type Code<br>P | Ground Level Elevation<br>3742' |
| Multiple<br>No      | Proposed Depth<br>7500'  | Formation<br>Delaware | Contractor<br>L & M  | Spud Date<br>8-1-96             |

| 21 Proposed Casing and Cement Program                                |             |                    |               |                 |               |
|----------------------------------------------------------------------|-------------|--------------------|---------------|-----------------|---------------|
| Hole Size                                                            | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
| 12-1/4"                                                              | 8-5/8"      | 36#                | 500'          | 270             | Surface       |
| 7-7/8"                                                               | 4-1/2"      | 11.5#              | 6500'         | 700             | 3000'         |
| Permit Expires 1 Year From Approval<br>Date Unless Drilling Underway |             |                    |               |                 |               |

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.

- 1) MIRU L&M. Drill 12-1/4" hole to 500'
- 2) Run 500' 8-5/8" csg. 36# w/cent every 3rd jt to surface.
- 3) Cmt w/270 sks Class C.
- 4) NU 8-5/8" csg hd & test. NU BOP and test.
- 5) Drill 7-7/8" hole to TD.
- 6) Log 6500-3000 w/GR/DIL/MSFL/CNL/FDC/CAL. Log 3000-sur w/GR/CNL/CAL.
- 7) Run 6500' of 4-1/2" 11.5# J-55 csg and cmt w/700 sks.
- 8) NU 8-5/8" Tb Hd. Release Rig.

|                                                                                                                                                                                                                  |  |                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:  |  | OIL CONSERVATION DIVISION<br>ORIGINAL RECEIVED BY JERRY SEXTON<br>DISTRICT I SUPERVISOR |  |
| Printed name: John W. Qualls                                                                                                                                                                                     |  | Title:                                                                                  |  |
| Title: Geologist                                                                                                                                                                                                 |  | Approval Date: JUL 29 1996                                                              |  |
| Date: 7-25-96                                                                                                                                                                                                    |  | Expiration Date:                                                                        |  |
| Phone: 915-685-5001                                                                                                                                                                                              |  | Conditions of Approval:<br>Attached <input type="checkbox"/>                            |  |

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

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

**OIL CONSERVATION DIVISION**  
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                             |                                      |
|-----------------------------------|---------------------------------------------|--------------------------------------|
| API Number<br><b>3D-025-33525</b> | Pool Code<br><b>✓</b>                       | Pool Name<br><b>Wildcat Delaware</b> |
| Property Code<br><b>19278</b>     | Property Name<br><b>OYSTER</b>              | Well Number<br><b>1</b>              |
| OGRID No.<br><b>4378</b>          | Operator Name<br><b>CHI OPERATING, INC.</b> | Elevation<br><b>3742</b>             |

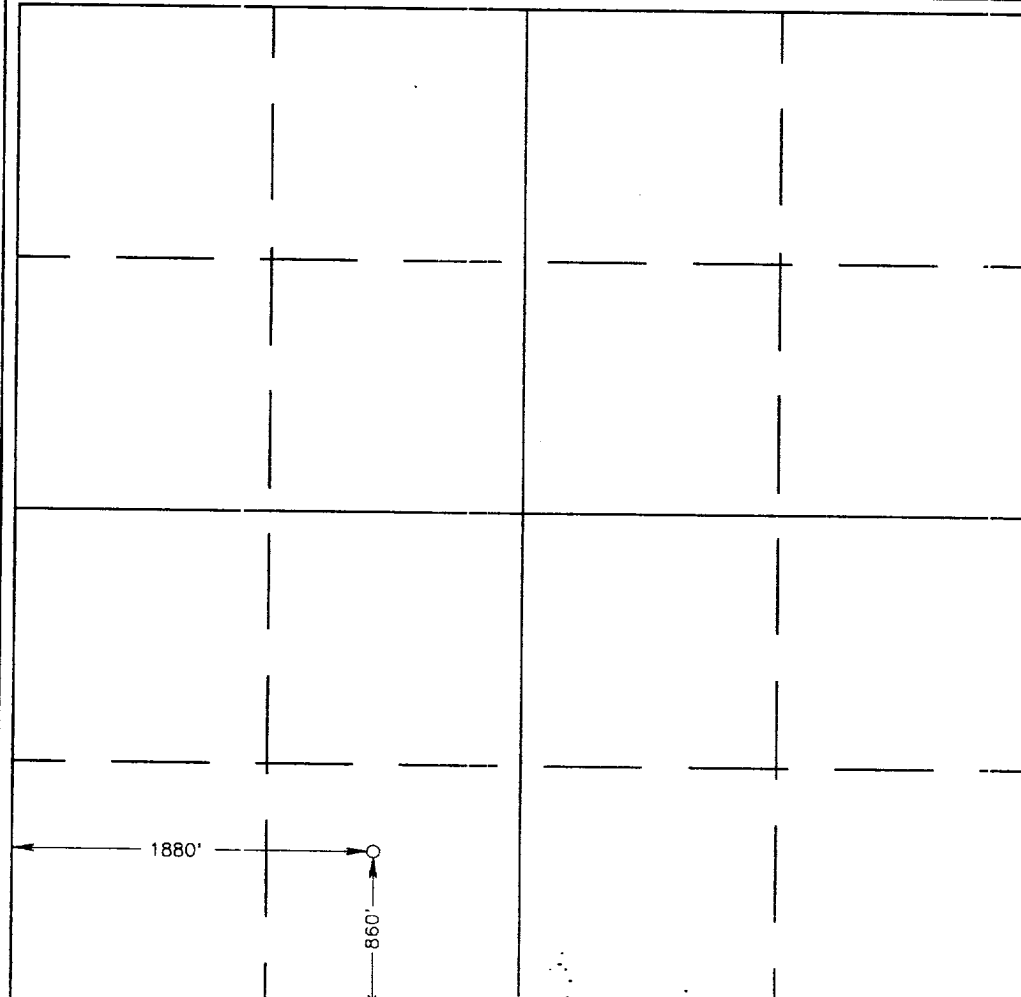
**Surface Location**

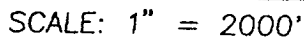
| UL or lot No. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>22</b> | <b>19 S</b> | <b>35 E</b> |         | <b>860</b>    | <b>SOUTH</b>     | <b>1880</b>   | <b>WEST</b>    | <b>LEA</b> |

**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<br><b>40</b> | 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**

|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | <b>OPERATOR CERTIFICATION</b><br><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i><br>Signature: <u><i>John W. Qualls</i></u><br>Printed Name: <u>John W. Qualls</u><br>Title: <u>Geologist</u><br>Date: <u>7-25-96</u>                                                                                                                                                                            |  |
|                                                                                      | <b>SURVEYOR CERTIFICATION</b><br><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><br>JULY 19, 1996<br>Date Surveyed: <u>JULY 19, 1996</u><br>Signature & Seal of Professional Surveyor: <u><i>Ronald J. Eidson</i></u> CDG<br>Certificate No. <u>3239</u><br>JOHN W. WEST<br>RONALD J. EIDSON<br>12641 |  |
|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |



SEC. 22 TWP. 19-S RGE. 35--E

SURVEY\_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ LEA \_\_\_\_\_

DESCRIPTION 850' FSL & 1880' FWL

ELEVATION 3742

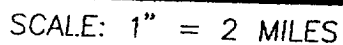
OPERATOR CHI OPERATING, INC.

LEASE \_\_\_\_\_ OYSTER

U.S.G.S. TOPOGRAPHIC MAP

IRONHOUSE DRAW, N.M.

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**



LEASE \_\_\_\_\_ OYSTER

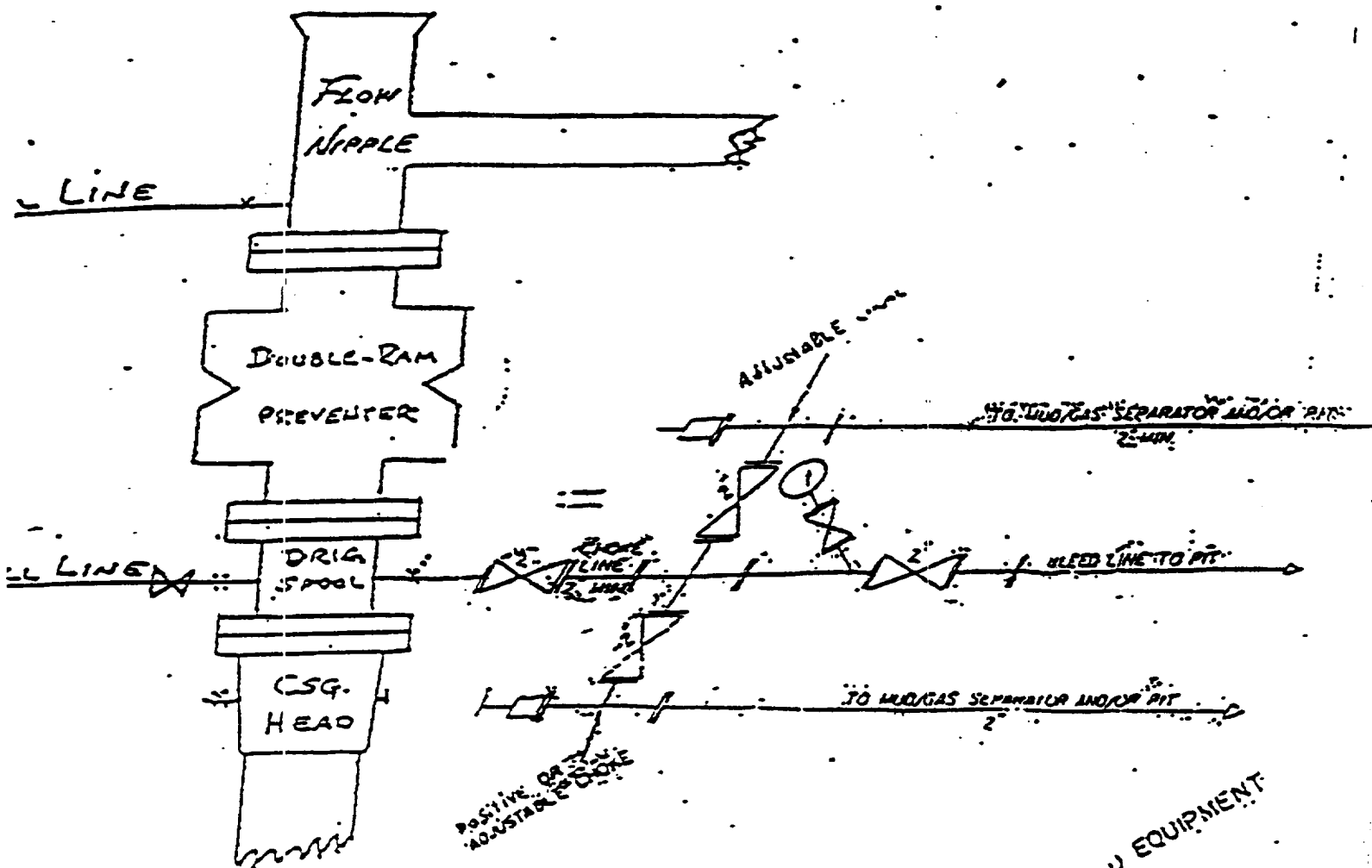
**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**

# E & CHOKE MANIFOLD

12"/900 Shaeffer Type E

3000# Working Pressure

3000# Working Pressure Choke Manifold.



24" CHOKE MANIFOLD EQUIPMENT