

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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**

|  |  |   |
|--|--|---|
| <sup>1</sup> Operator Name and Address<br>Matador Operating Company<br>8340 Meadow Road #150<br>Dallas, TX 75231 |  | <sup>2</sup> OGRID Number<br>14245      |
|  |  | <sup>3</sup> API Number<br>30-025-35870 |
| <sup>3</sup> Property Code<br>25471  | <sup>5</sup> Property Name<br>Laughlin | <sup>6</sup> Well No.<br>8              |

| <sup>7</sup> Surface Location |         |          |       |         |               |                  |               |                |        |
|-------------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                 | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| M                             | 4       | 20S      | 37E   |         | 330           | South            | 700           | West           | Lea    |

| <sup>8</sup> 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 |
|  |         |          |       |         |               |                  |               |                |        |

|  |                               |
|--|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br>Monument; Tubb | <sup>10</sup> Proposed Pool 2 |
|--|-------------------------------|

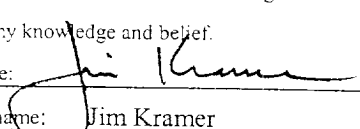
|                                   |                                       |                                      |                                       |   |
|-----------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>O     | <sup>13</sup> Cable/Rotary<br>Rotary | <sup>14</sup> Lease Type Code<br>P    | <sup>15</sup> Ground Level Elevation<br>3558' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>6800' | <sup>18</sup> Formation<br>Tubb      | <sup>19</sup> Contractor<br>Patterson | <sup>20</sup> Spud Date<br>April 7, 2002      |

| <sup>21</sup> 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"      | 24#                | 1200'         | 450             | surface       |
| 7-7/8"   | 4-1/2"      | 11.6#              | 6800'         | 750             | 2000'         |
|  |             |                    |               |                 |               |
|  |             |                    |               |                 |               |
|  |             |                    |               |                 |               |

<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.

Drill 12-1/4" hole to top of Anhydrite @ 1200'. Run and cement to surface 8-5/8" casing. Nipple up 11" 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 6800'. Evaluate to run production casing.

\*This is the 2<sup>nd</sup> well in the 80 acre unit.

|  |                     |                                    |                  |
|--|---------------------|------------------------------------|------------------|
| <sup>23</sup> 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: Jim Kramer   |                     | Title:                             |                  |
| Title: Sr. Drilling Engineer   |                     | Approval Date:                     | Expiration Date: |
| Date: 3/21/02  | Phone: 214 987-7128 | Condition of Approval: MAR 26 2002 |                  |
|  |                     | Attached <input type="checkbox"/>  |                  |

ml

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  
Santa Fe, New Mexico 87504-2088

Submit to the Appropriate District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |                    |  |                            |                               |                       |                           |                       |                        |               |
|---|--------------------|--|----------------------------|-------------------------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| 1 API Number<br>30-025-35870                      |                    | 2 Pool Code<br>47090                         |                            | 3 Pool Name<br>Monument; Tubb |                       |                           |                       |                        |               |
| 4 Property Code<br>25471                          |                    | 5 Property Name<br>LAUGHLIN                  |                            |                               |                       | 6 Well Number<br>8        |                       |                        |               |
| 7 OGRID No.<br>14245                              |                    | 8 Operator Name<br>MATADOR OPERATING COMPANY |                            |                               |                       | 9 Elevation<br>3558'      |                       |                        |               |
| 10 SURFACE LOCATION                               |                    |  |                            |                               |                       |                           |                       |                        |               |
| UL or lot no.<br>M                                | Section<br>4       | Township<br>20 SOUTH                         | Range<br>37 EAST, N.M.P.M. | Lot Ida                       | Feet from the<br>330' | North/South line<br>SOUTH | Feet from the<br>700' | East/West line<br>WEST | County<br>LEA |
| 11 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        |
| 12 Dedicated Acres<br>80                          | 13 Joint or Infill |  | 14 Consolidation Code      | 15 Order No.                  |                       |                           |                       |                        |               |

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

### OPERATOR CERTIFICATION

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

Signature \_\_\_\_\_

Printed Name

Jim Kramer

Title \_\_\_\_\_

Sr. Drilling Engineer

Date \_\_\_\_\_

3/21/02

## SURVEYOR CERTIFICATION

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.

Date of Survey

MARCH 12, 2002

Signature and Seal of  
Professional Surveyor

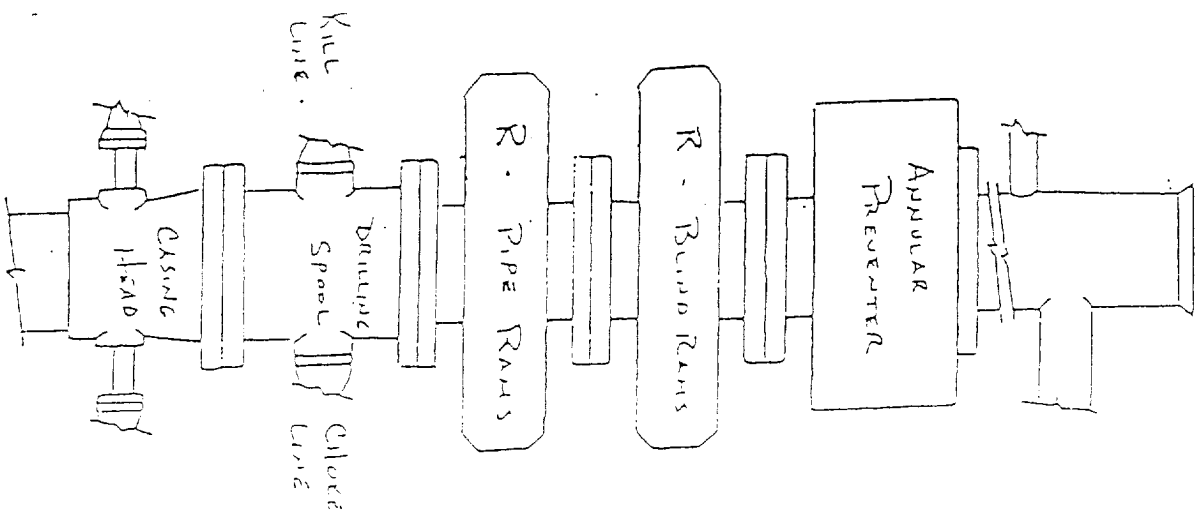
Signature and Seal of  
Professional Surveyor

W. LYNN  
BEZNOR  
NO. 7322

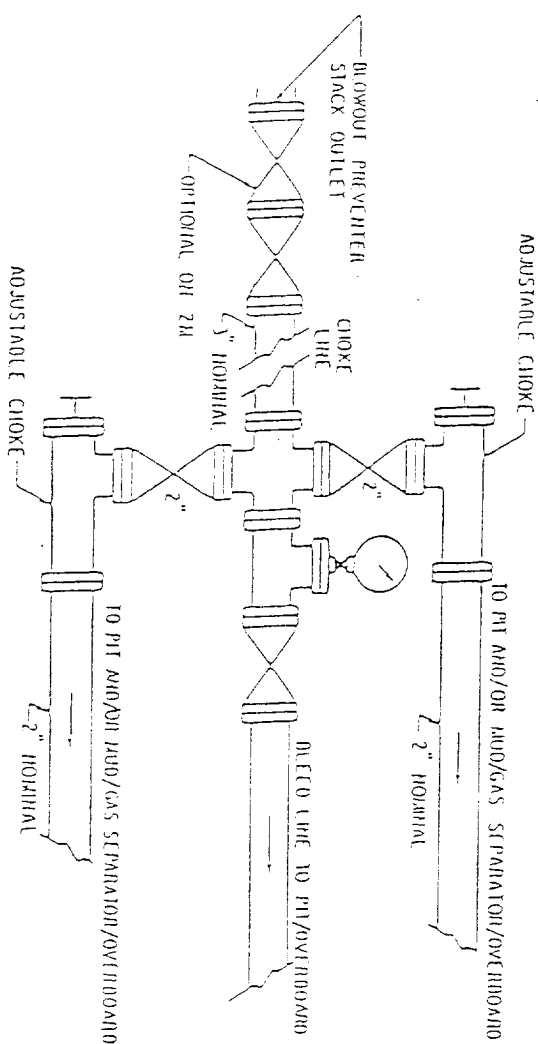
W. Lynn Beznor 3-14-0

Certificate No. 7920  
V. L. BEZNER R.P.S. #7920

JOB #80814-A / 71 SE / J.C.P.



3000 PSI  
WORKING PRESSURE



MATADOR OPERATING COMPANY  
LAUGHLIN #8  
SEC. 4, T20S, R37E  
LEA COUNTY, NEW MEXICO  
BLOWOUT PREVENTER

CONFIDENTIAL  
DATE 11/15/78  
BY [signature]  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED