

District I

1625 N. French Dr., Hobbs, NM 88240

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 ResourcesOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-101  
Revised March 12, 1999Submit 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>David H. Arrington Oil & Gas, Inc.<br>P.O. Box 2071<br>Midland, Texas 79702 |  | <sup>2</sup> OGRID Number<br>005898         |
|  |  | <sup>3</sup> API Number<br>30 - 025 - 34718 |
| <sup>4</sup> Property Code<br>24907  | <sup>5</sup> Property Name<br>Orange Humpy | <sup>6</sup> Well No.<br>1                  |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 21      | 16S      | 36E   |         | 330'          | North            | 990'          | East           | 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 |
|--------------------------|---------|----------|-------|---------|---------------|--|---------------|----------------|--------|
| Lovington, Penn,<br>west |         |          |       |         |               | <sup>9</sup> Proposed Pool 1<br>Diamond Strawn |               |                |        |
|                          |         |          |       |         |               | <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>R        | <sup>14</sup> Lease Type Code<br>S    | <sup>15</sup> Ground Level Elevation<br>3899' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>12,000' | <sup>18</sup> Formation<br>Strawn Penn | <sup>19</sup> Contractor<br>Patterson | <sup>20</sup> Spud Date<br>ASAP               |

<sup>21</sup> 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#                | 425'          | 460             | Circulate        |
| 11"       | 8 5/8"      | 32#                | 4900'         | 770             | 400'             |
| 7 7/8"    | 5 1/2"      | 17#                | 12,050'       | 600             | 500' above upper |
|           |             |                    |               |                 | most pay         |

<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.

Set surface casing at 425'. Circulate cement to surface and set intermediate casing at approximately 4,900'. Cement. Install BOP's. Test tubing 100 psi. Drill 7 7/8" hole to 12,050'. DST any prospective pays. Run 5 1/2" production casing through Strawn if justified.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: David H. Arrington

Title: President

Date: September 28, 1999

Phone: (915) 682-6685

## OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS

DISTRICT I SUPERVISOR

Title:

Approval Date: SEP 30 1999

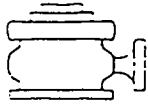
Expiration Date:

Conditions of Approval:

Attached ☐

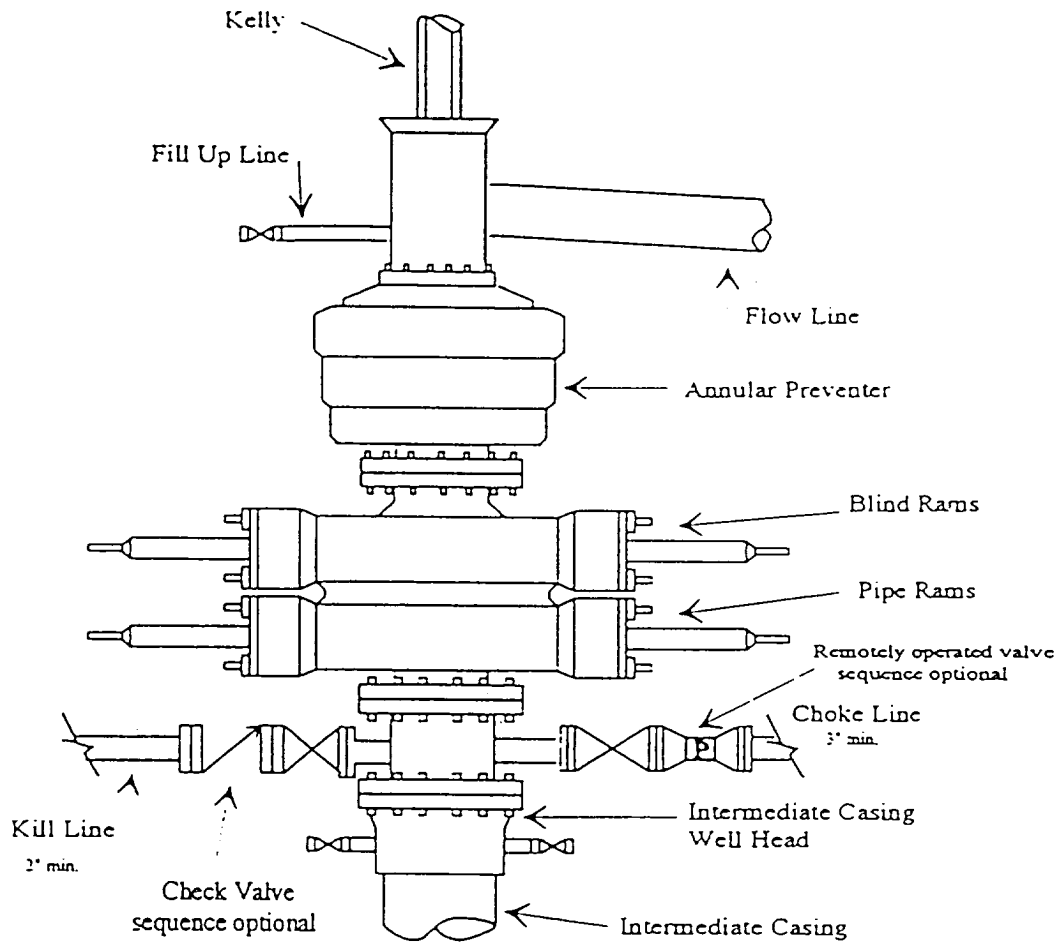
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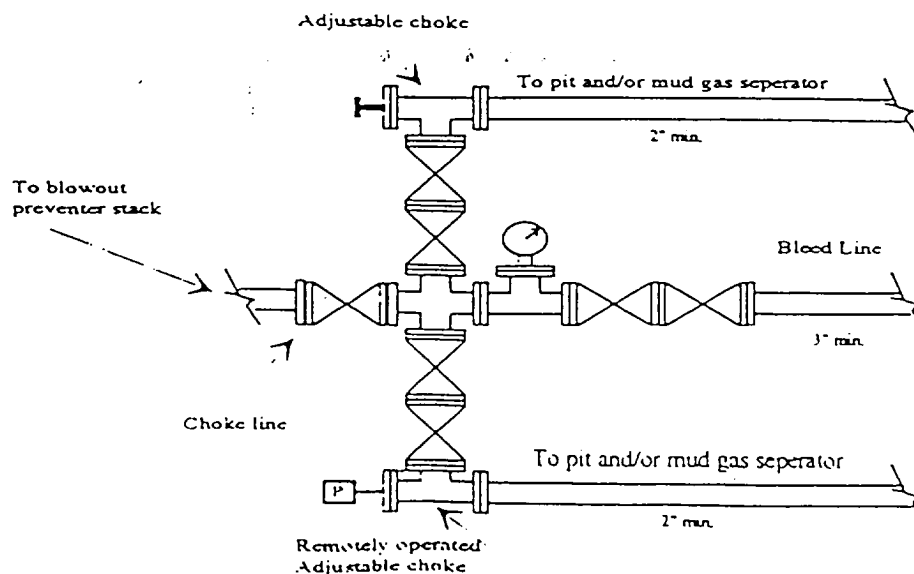


Orange Humpy #1  
David H. Arrington Oil & Gas, Inc.

Typical 5,000 psi Pressure System  
Schematic  
Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features



21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Instructions on back

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

## DISTRICT I

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

## 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, NM 87507-2088

**OIL CONSERVATION DIVISION**

P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |               |  |                            |  |                       |  |                       |                        |               |
|--|---------------|--|----------------------------|--|-----------------------|--|-----------------------|------------------------|---------------|
| 1 API Number<br>30-025-34718   |               | 2 Pool Code<br>40750                               |                            | 3 Pool Name<br>Lovington, Penn, west<br>Diamond STRAWN |                       |  |                       |                        |               |
| 4 Property Code<br>24907   |               | 5 Property Name<br>ORANGE HUMPY                    |                            |  |                       | 6 Well Number<br>1   |                       |                        |               |
| 7 OGRID No.<br>5898  |               | 8 Operator Name<br>DAVID ARRINGTON OIL & GAS, INC. |                            |  |                       | 9 Elevation<br>3899'   |                       |                        |               |
| 10 SURFACE LOCATION  |               |  |                            |  |                       |  |                       |                        |               |
| UL or lot no.<br>A   | Section<br>21 | Township<br>16 SOUTH                               | Range<br>36 EAST, N.M.P.M. | Lot Ida  | Feet from the<br>330' | North/South line<br>NORTH  | Feet from the<br>990' | East/West line<br>EAST | 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>40   |               | 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 |               |  |                            |  |                       |  |                       |                        |               |
|  |               |  |                            |  |                       | <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   |                       |                        |               |
|  |               |  |                            |  |                       | Signature<br>  |                       |                        |               |
|  |               |  |                            |  |                       | Printed Name<br>Bill Baker, Jr.  |                       |                        |               |
|  |               |  |                            |  |                       | Title<br>Exploration Manager   |                       |                        |               |
|  |               |  |                            |  |                       | Date<br>9-27-99  |                       |                        |               |
|  |               |  |                            |  |                       | <b>SURVEYOR CERTIFICATION</b><br>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<br>SEPTEMBER 14, 1999   |                       |                        |               |
|  |               |  |                            |  |                       | Signature and Seal of Professional Surveyor<br>  |                       |                        |               |
|  |               |  |                            |  |                       | Certificate No.<br>V. L. BEZNER R.P.S. #7920   |                       |                        |               |
|  |               |  |                            |  |                       | JOB #65241- / 96 NW / V.H.B.   |                       |                        |               |

ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF

7/11/61

