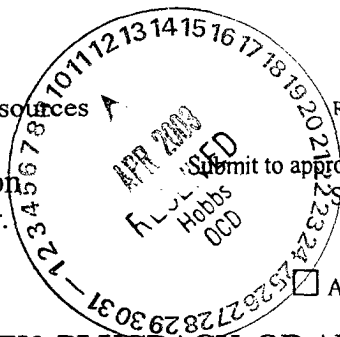


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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>J. Cleo Thompson & James Cleo Thompson, Jr., L.P.<br>Suite 4500, 325 North St. Paul<br>Dallas, Texas 75201 |  | <sup>2</sup> OGRID Number<br>11181     |
| <sup>3</sup> Property Code<br>32229                                                                                                                  |  | <sup>4</sup> Property Name<br>State 32 |
| <sup>5</sup> API Number<br>30-041-20902                                                                                                              |  | <sup>6</sup> Well No.<br>1             |

| <sup>7</sup> Surface Location |               |                |              |         |                       |                           |                       |                        |                     |
|-------------------------------|---------------|----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------------|
| UL or lot no.<br>N            | Section<br>32 | Township<br>8S | Range<br>34E | Lot Idn | Feet from the<br>1129 | North/South line<br>South | Feet from the<br>2150 | East/West line<br>West | County<br>Roosevelt |

| <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>Jenkins, Devonian, NE                |         |          |       |         | <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>S    | <sup>15</sup> Ground Level Elevation<br>4298' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>12,500' | <sup>18</sup> Formation<br>Devonian  | <sup>19</sup> Contractor<br>Patterson | <sup>20</sup> Spud Date<br>When Approved      |

| <sup>21</sup> Proposed Casing and Cement Program |             |                    |               |                 |               |
|--------------------------------------------------|-------------|--------------------|---------------|-----------------|---------------|
| Hole Size                                        | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
| 17½"                                             | 13-3/8"     | 48                 | 400'          | 365             | Surface       |
| 12¼"                                             | 9-5/8"      | 36 & 40            | 4000'         | 1230            | Surface       |
| 8-3/4" & 7-7/8"                                  | 5½"         | 17                 | 12200'        | 1250            | 3500'         |
|                                                  |             |                    |               |                 |               |
|                                                  |             |                    |               |                 |               |

<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 to 400' with spud mud; set 13-3/8 csg & cement to surface.

Drill to 4000' (top of San Andres) with brine water and native solids; set 9-5/8" csg & cement to surface.

Drill through the Abo Shale with 8-3/4" bit and if no problems reduce to 7-7/8" bit to 12200'; set 5½" 17# N-80 casing and cement back into 9-5/8" casing.

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.<br>Signature: <i>James Bruce</i><br>Printed name: James Bruce<br>Title: Agent<br>Date: 4/09/03 |  | OIL CONSERVATION DIVISION<br>Approved by: <i>Paul J. Keady</i><br>Title: PETROLEUM ENGINEER<br>Approval Date: MAY 01 2003<br>Expiration Date:<br>Conditions of Approval:<br>Attached <input type="checkbox"/> |  |
| Phone: (505) 982-2043                                                                                                                                                                                                       |  |                                                                                                                                                                                                               |  |

SERVATION DIVISION  
10 South Pacheco  
Santa Fe, NM 87505

2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REP

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |                                          |                           |                                          |
|-----------------------------------|------------------------------------------|---------------------------|------------------------------------------|
| API Number<br><b>30-041-20902</b> |                                          | Pool Code<br><b>33940</b> | Pool Name<br><b>Jenkins, NW Devonian</b> |
| Property Code<br><b>32229</b>     | Property Name<br><b>State "32"</b>       |                           | Well Number<br><b>1</b>                  |
| OGRID No.<br><b>11181</b>         | Operator Name<br><b>J. Cleo Thompson</b> |                           | Elevation<br><b>4298'</b>                |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| N             | 32      | 8-S      | 34-E  |         | 1129          | South            | 2150          | West           | Roosevel |

11 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<br><b>n/a</b> | Order No.<br><b>NSL-4867</b> |
|------------------------------|-----------------|----------------------------------|------------------------------|

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

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div style="text-align: center;"> <p>16</p> </div> | <p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James Bruce</i></p> <p>Signature <b>JAMES BRUCE</b><br/>P.O. BOX 1056<br/>Printed Name <b>SANTA FE, NM 87504</b></p> <p>Title <b>Agent</b></p> <p>Date <b>4/9/03</b></p>                                                                                                                                                            |  |
|                                                    | <p><b>18 SURVEYOR CERTIFICATION</b></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><b>January 23, 2003</b></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor<br/><i>Max A. Schumann, Jr.</i></p> <p><b>Max A. Schumann, Jr.</b><br/>Certificate 1510</p> <p>Certificate Number <b>Job No. 67,834</b></p> |  |
|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |

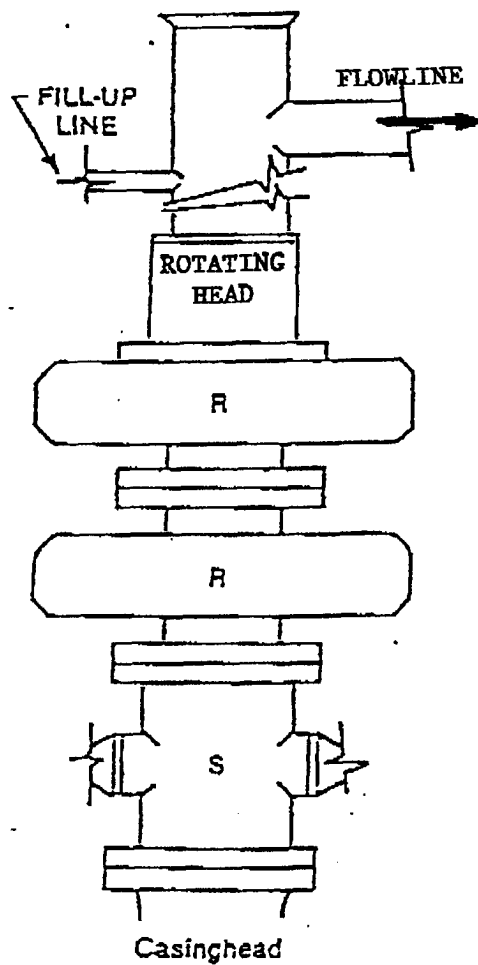


FIGURE K1-1. Recommended IADC Class 2 BOP stack, 2000 psi WP. Either SRd (left) or SA (right) arrangement is acceptable and drilling spool is optional.

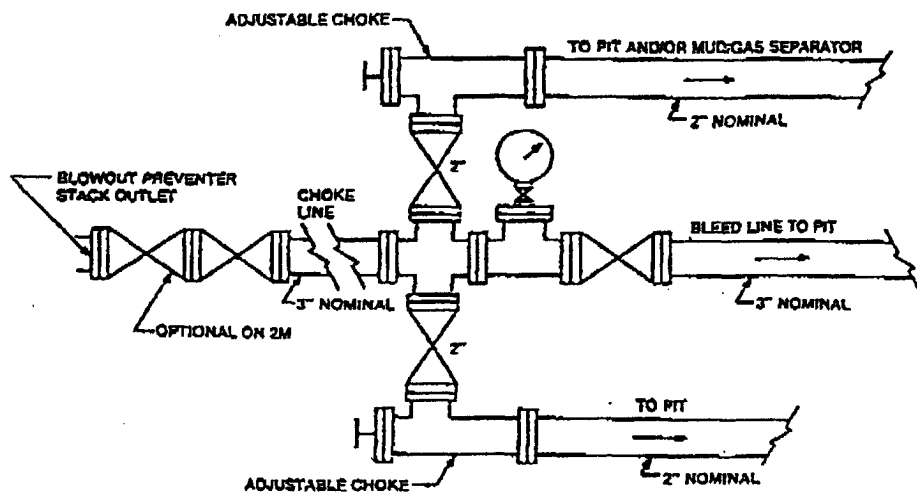


FIGURE K-1. Typical choke manifold assembly for 2M and 3M rated working pressure service — surface installation.

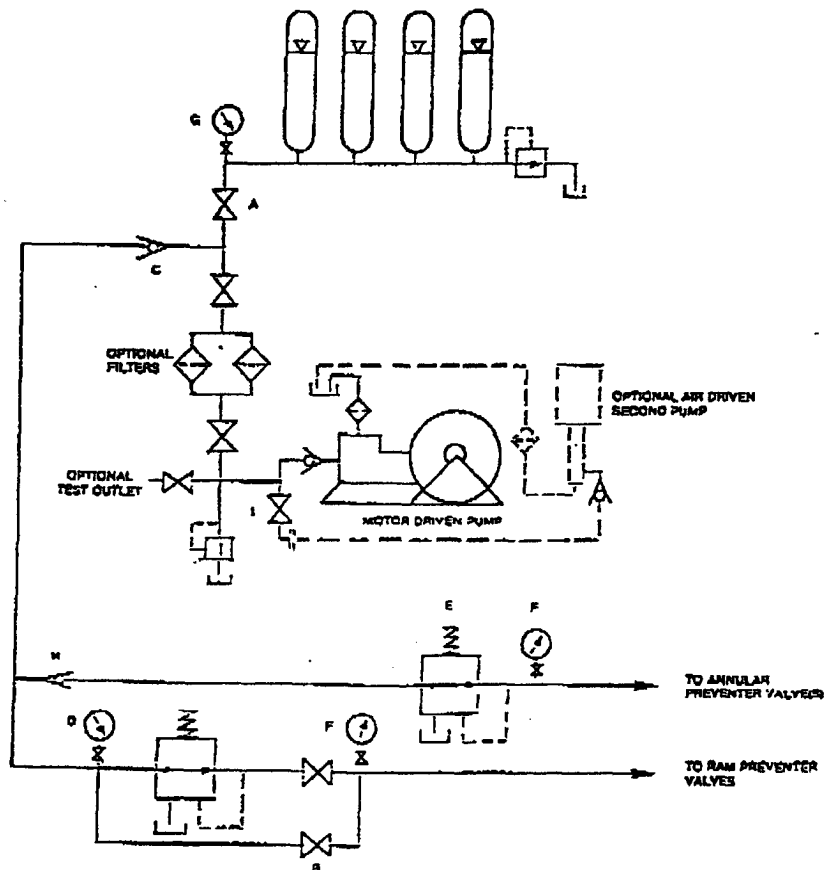


FIGURE K-6-1. The schematic sketch of an accumulator system shows required and optional components.