

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

|                                                                                                                     |                                                        |                                                |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------|
| <sup>1</sup> Operator Name and Address<br><b>Amoco Production Company</b><br>P. O. Box 3092<br>Houston, Texas 77253 |                                                        | <sup>2</sup> OGRID Number<br><b>000778</b>     |
| <sup>3</sup> Property Code<br><b>000448</b>                                                                         | <sup>5</sup> Property Name<br><b>Elliott Gas Com H</b> | <sup>4</sup> API Number<br><b>30-045-30572</b> |
|                                                                                                                     |                                                        | <sup>6</sup> Well No.<br><b>1M</b>             |

<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          |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-----------------|
| <b>H</b>      | <b>26</b> | <b>30N</b> | <b>09W</b> |         | <b>2200'</b>  | <b>North</b>     | <b>980'</b>   | <b>East</b>    | <b>San Juan</b> |

<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          |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-----------------|
| <b>I</b>      | <b>26</b> | <b>30N</b> | <b>09W</b> |         | <b>2200'</b>  | <b>South</b>     | <b>800'</b>   | <b>East</b>    | <b>San Juan</b> |

<sup>9</sup> Proposed Pool 1

**Basin Dakota**

<sup>10</sup> Proposed Pool 2

**Blanco Mesaverde**

|                                                      |                                              |                                                       |                                             |                                                      |
|------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|---------------------------------------------|------------------------------------------------------|
| <sup>11</sup> Work Type Code<br><b>N - New Drill</b> | <sup>12</sup> Well Type Code<br><b>Gas</b>   | <sup>13</sup> Cable/Rotary<br><b>Rotary/Top Drive</b> | <sup>14</sup> Lease Type Code<br><b>Fee</b> | <sup>15</sup> Ground Level Elevation<br><b>5872'</b> |
| <sup>16</sup> Multiple<br><b>Downhole Commingle</b>  | <sup>17</sup> Proposed Depth<br><b>7274'</b> | <sup>18</sup> Formation<br><b>Dakota/Mesaverde</b>    | <sup>19</sup> Contractor<br><b>Aztec</b>    | <sup>20</sup> Spud Date<br><b>4/15/2001</b>          |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size    | Casing weight/foot | Setting Depth | Sacks of Cement                     | Estimated TOC    |
|----------------|----------------|--------------------|---------------|-------------------------------------|------------------|
| <b>14 3/4"</b> | <b>10 3/4"</b> | <b>40.5#</b>       | <b>135'</b>   | <b>120 SXS CLS G</b>                | <b>Surface</b> ✓ |
| <b>9 7/8"</b>  | <b>7 5/8"</b>  | <b>26.4#</b>       | <b>1990'</b>  | <b>344 SXS G &amp; 50/50</b>        | <b>Surface</b> ✓ |
| <b>6 1/2"</b>  | <b>5 1/2"</b>  | <b>15.5#</b>       | <b>6874'</b>  | <b>547 SX Litecrete &amp; 50/50</b> | <b>Surface</b> ✓ |
| <b>4 1/2"</b>  | <b>4"</b>      | <b>11#</b>         | <b>7274'</b>  | <b>23 SXS 50/50 POZ G</b>           | <b>6774'</b> ✓   |

<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.  
**OBJECTIVE: DIRECTIONAL DRILL.** Amoco Production Company respectfully request permission to drill the subject well to a total depth of approximately 7274', complete in the Basin Dakota Pool, produce the well for approximately 30 days to establish production rate, then add the Blanco Mesaverde Pool and commingle production downhole.

Application for downhole commingling authority (NMOCD order R-11363) will be submitted to all appropriate parties for approval after production has been established in the Basin Dakota Pool and prior to completion of and downhole commingling with the Blanco Mesaverde.

For additional drilling and completion information please refer to the attachments.

<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: **Mary Corley**

Title: **Sr. Regulatory Analyst**

Date: **02/22/2001**

Phone: **281-366-4491**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached

**DEPUTY OIL & GAS INSPECTOR, DIST. #3**

**FEB 26 2001**

Expiration Date:

**FEB 26 2002**

Directional Survey and NSL in Basin Dakota

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Artesia, NM 87211-0719  
District III  
1000 Rio Brazos Rd., Aztec, 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-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |  |                                                        |  |                                                           |                                |  |
|-----------------------------------------|--|--------------------------------------------------------|--|-----------------------------------------------------------|--------------------------------|--|
| <sup>1</sup> API Number<br>30-045-30572 |  | <sup>2</sup> Pool Code<br>71599 & 72319                |  | <sup>3</sup> Pool Name<br>Basin Dakota & Blanco Mesaverde |                                |  |
| <sup>4</sup> Property Code<br>000448    |  | <sup>5</sup> Property Name<br>Elliott Gas Com H        |  |                                                           | <sup>6</sup> Well Number<br>1M |  |
| <sup>7</sup> OGRID No.<br>000778        |  | <sup>8</sup> Operator Name<br>AMOCO PRODUCTION COMPANY |  |                                                           | <sup>9</sup> Elevation<br>5872 |  |

<sup>10</sup> Surface Location

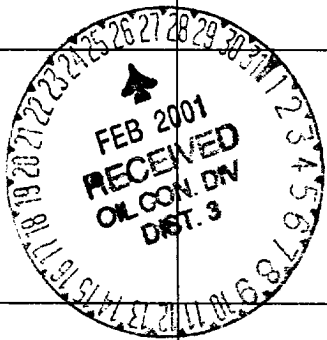
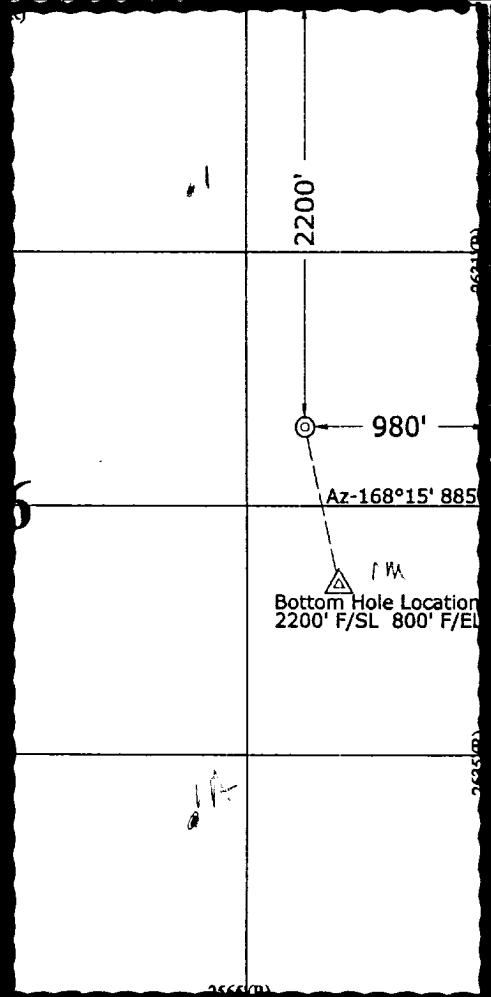
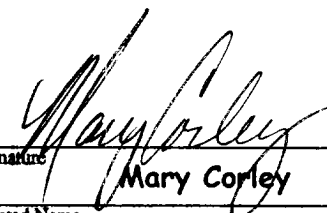
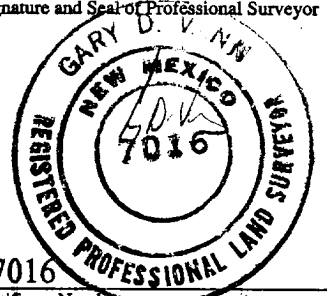
|               |         |          |       |         |               |                  |               |                |          |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| UL or Lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
| H             | 26      | 30 N     | 9 W   |         | 2200          | NORTH            | 980           | EAST           | SAN JUAN |

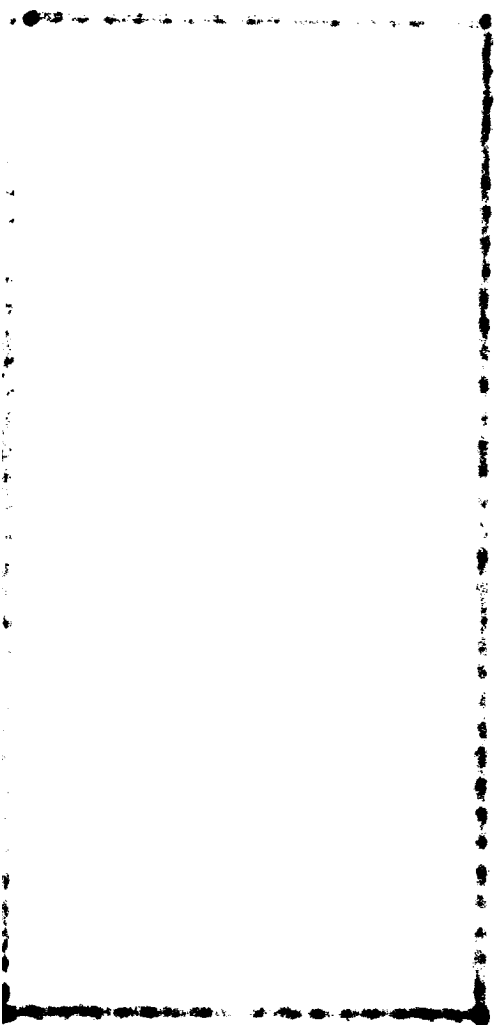
<sup>11</sup> Bottom Hole Location If Different From Surface

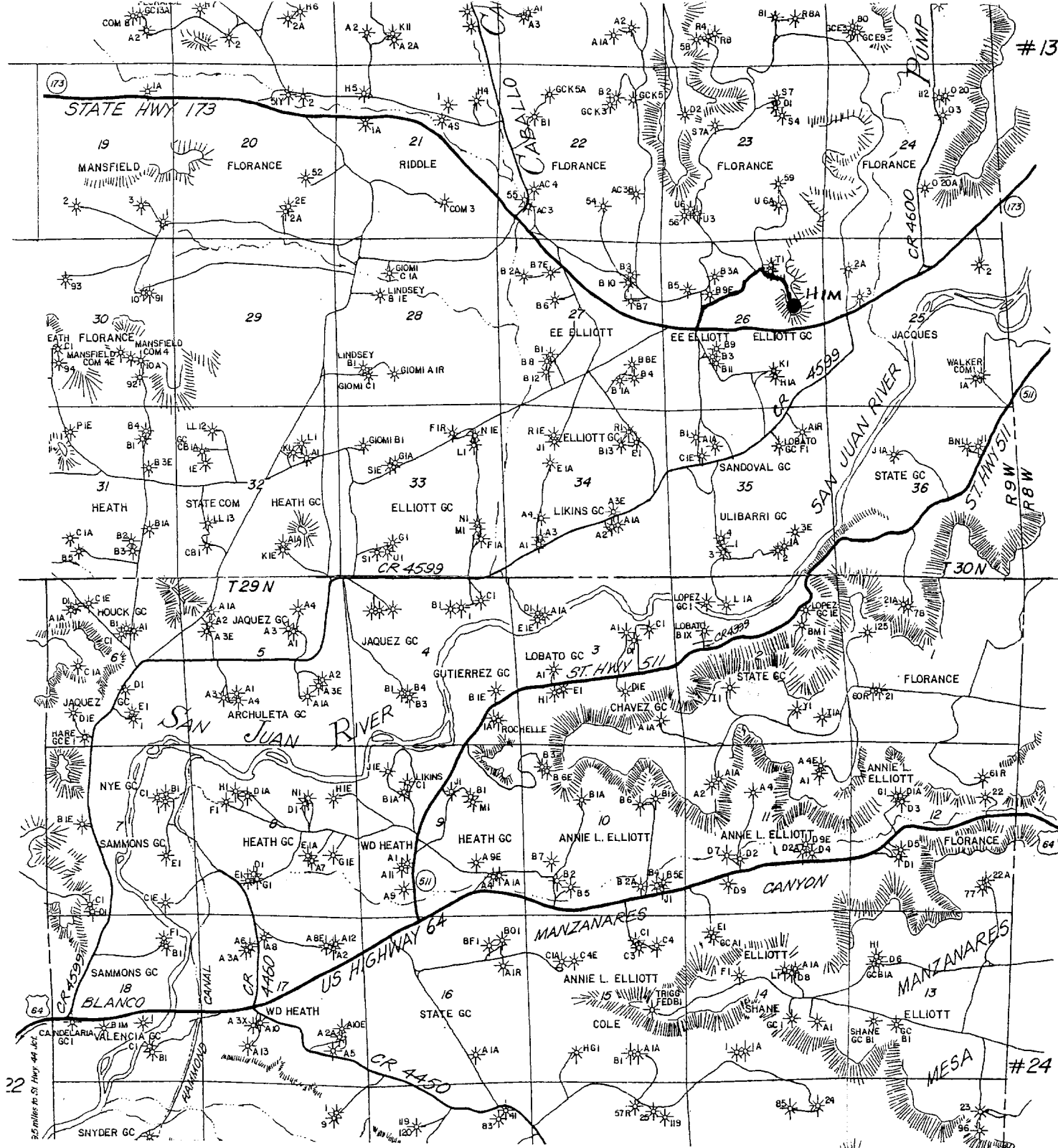
|                            |         |          |       |         |               |                  |               |                |          |
|----------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| <sup>7</sup> UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
| I                          | 26      | 30 N     | 9 W   |         | 2200          | SOUTH            | 800           | EAST           | SAN JUAN |

|                                         |                               |                                  |                         |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320.00 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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

|                                                                                     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <sup>17</sup> OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><br><br>Signature<br>Printed Name<br>Sr. Regulatory Analyst<br>Title<br>02/22/2001<br>Date                                                                                                                   |
|                                                                                     |                                                                                     | <sup>18</sup> SURVEYOR CERTIFICATION<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.<br>January 5, 2001<br>Date of Survey<br>Signature and Seal of Professional Surveyor<br><br>7016<br>Certificate Number |

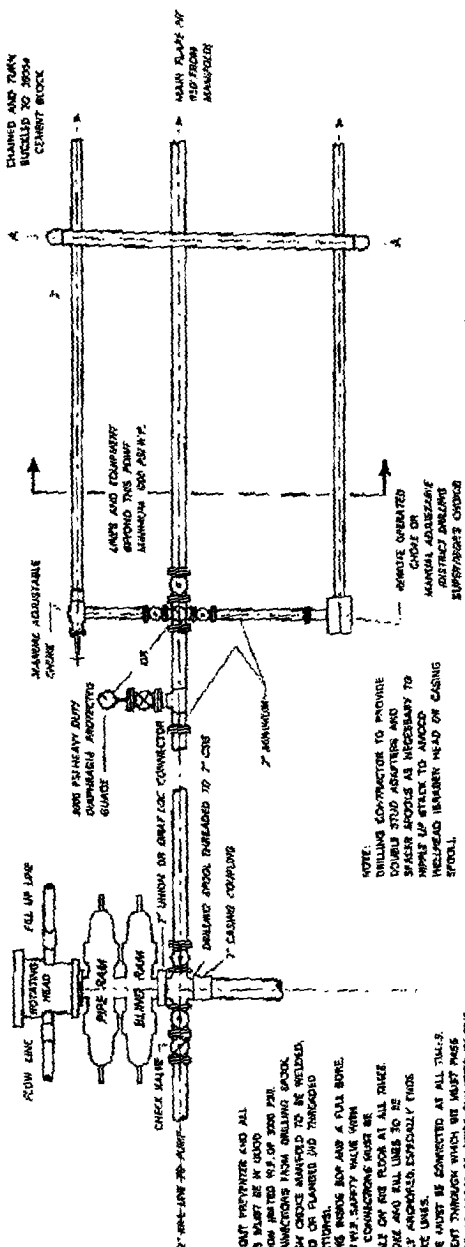




**LAT: 36°47.0'**  
**LONG: 107°44.7'**

**AMOCO PRODUCTION COMPANY**  
**Elliott Gas Com H # 1M**  
 NE¼ Sec. 26, T30N, R9W, NMPM  
 RAIL POINT:  
 MUD POINT:  
 CEMENT POINT:

# MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 3/4" OR 1" (NOMINAL) 3,000 PSI W.P. Typical Dakota / Messervey Air / Mud (SREU)



NOTE:  
 1. CHOKE ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL CHOKE SECURELY EVERY 20' AND WITHIN 5' OF END OF LINE.  
 2. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ALL CHOKE AND VALVES.

NOTE:  
 DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER COLLARS NECESSARY TO BRING UP CHOKES TO JACKED WELLHEAD HANGER HEAD OR CASING HEAD.

NOTE:  
 1. ALL UNWELDED VALVES TO BE FULL-OPENING GATE OR PLATE VALVES. METAL TO METAL SEAL. 3000 PSI W.P.

- NOTE:
1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION RATED W.P. OF 3000 PSI.
  2. ALL CONNECTIONS FROM DRILLING SPACE THROUGH CHOKE MANIFOLD TO BE WELDED, CAPABLE OF PLANNED AND THROUGH CONNECTION.
  3. A STEEL BOP AND A FULL BORE 3000 PSI W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON THE FLOOR AT ALL TIMES.
  4. ALL CHOKE AND TAIL LINES TO BE SECURELY ANCHORED ESPECIALLY FIRST OF CHOKE LINES.
  5. ALL CHOKE LINES CONNECTED AS ALL TUBES.
  6. EQUIPMENT MANUFACTURER'S INSTRUCTIONS SHALL BE AS LATER AS IN THE BANNER OF THE CASING BOP OVERLIES THROUGH.
  7. MUST HAVE UPPER AND LOWER RELY COCK ON KEY X.
  8. BLOW-OUT PREVENTER'S CASING EQUIPMENT SHALL HAVE FEDERAL RESISTOR (2) OPERATED NOW THE.
  9. SUFFICIENT CAPACITY TO ALLOW REQUIREMENTS OF CURRENT EQUIPMENT.
  10. ALL TUBING TO BE MADE WITH TANGLED TIES (IN-34) SHALL NO LONGER OR SHEETS IN LINE FROM BOP TO CHOKES MANIFOLD.
  11. A PLUMBING HOSE IS TO BE USED AS A CHOKES LINE IT MUST BE APPROVED BY THE DRILLING CONTRACTOR.
  12. LOCK TO BE INSTALLED ON BLOW RAM CONTROL.