

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

Form C-101  
June 16, 2001

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

Submit to appropriate District Office.

☐ AMENDED REPORT

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

|  |  |   |
|--|--|---|
| <sup>1</sup> Operator Name and Address<br>Lime Rock Resources A, L.P.<br>1111 Bagby St., Suite 4600<br>Houston, TX 77002 |  | <sup>2</sup> OGRID Number<br>255333       |
| <sup>3</sup> Property Code<br>38839  |  | <sup>3</sup> API Number<br>30 - 015-39454 |
| <sup>5</sup> Property Name<br>Stirling 6 M   |  | <sup>6</sup> Well No<br>2                 |
| <sup>9</sup> Proposed Pool 1<br>Red Lake, Glorieta-Yeso (96230) 51120  |  | <sup>10</sup> Proposed Pool 2             |

<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            | 6       | 18S      | 27E   | 7       | 660           | South            | 330           | West           | Eddy   |

<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 |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|              |         |          |       |         |               |                  |               |                |        |

Additional Well Information

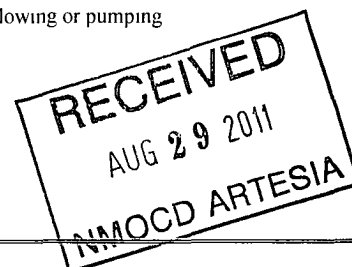
|                                   |  |  |                                    |   |
|-----------------------------------|--|--|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>O      | <sup>13</sup> Cable/Rotary<br>R          | <sup>14</sup> Lease Type Code<br>P | <sup>15</sup> Ground Level Elevation<br>3335' |
| <sup>16</sup> Multiple<br>N       | <sup>17</sup> Proposed Depth<br>4,100' | <sup>18</sup> Formation<br>Glorieta-Yeso | <sup>19</sup> Contractor<br>United | <sup>20</sup> Spud Date<br>10/10/11           |

<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#                | 250'          | 321 sx "C" + add.    | Surface         |
| 12 1/4"   | 8 5/8"      | 24#                | 1,600'        | 338 sx "C"           | "Lead           |
|           |             |                    |               | 500 sx C             | Tail to surface |
| 7 7/8"    | 5 1/2"      | 17#                | 4,100'        | 380 SX 35/65 (Poz-C) | Lead to surface |
|           |             |                    |               | 525 sx "C" + add     | Tail to surface |

<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 See Exhibit "A"  
Lime Rock Resources A, L.P. proposes to drill/test the Red Lake Yeso formation Approximately 250 feet will be drilled with fresh water, then set and cement 13 3/8" surface casing to 250 feet Drill 12 1/4" hole to 1600 feet and set 8 5/8" casing  
Drill 7 7/8" hole to T.D. at approx. 4,100' Run O/H logs. Set 5 1/2" casing to T.D. and cement will be circulated back to surface  
Will perforate the Glorieta- Yeso formation and stimulate, as necessary, for optimum production Produce well by flowing or pumping  
H2S levels are not expected to be high enough to require an H2S contingency program

See exhibit "A" for BOP



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

Signature.

George R. Smith

Printed name.  
George R. Smith

Title  
POA agent for Lime Rock Resources A, L.P.

E-mail Address  
gr.smith1@hotmail.com

Date  
8/25/11

Phone  
575-623-4940

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

Expiration Date

Conditions of Approval Attached ☐

# BOP DIAGRAM 3000# SYSTEM

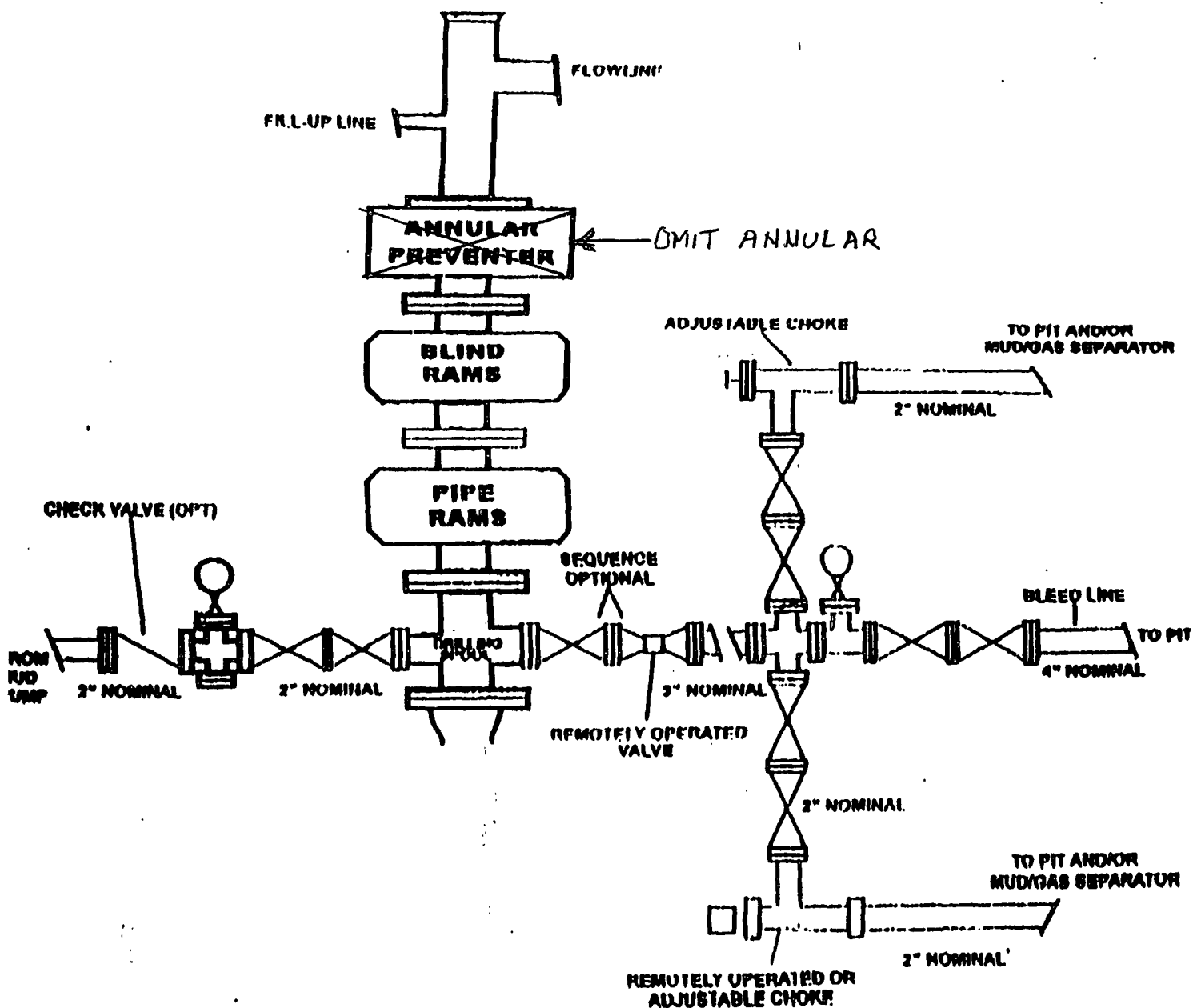


EXHIBIT "A"  
LIME ROCK RESOURCES A, L.P.  
BOP Specifications