

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, PLUGBACK, OR ADD A ZONE

|  |  |  |
|--|--|--|
| <sup>1</sup> Operator Name and Address<br><b>Southwestern Energy Production Company<br/>2350 North Sam Houston Parkway East, Suite 300<br/>Houston, TX 77031</b> |  | <sup>2</sup> OGRID Number<br><b>148111</b>         |
|  |  | <sup>3</sup> API Number<br><b>30 - 025 - 35124</b> |
| <sup>3</sup> Property Code<br><b>25506</b>   | <sup>5</sup> Property Name<br><b>Bimini 13 State</b> | <sup>6</sup> Well No.<br><b>3</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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K             | 13      | 17S      | 35E   |         | 1850          | South            | 1650          | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               | 13      | 17S      | 35E   |         | 2250          | South            | 1735          | West           | Lea    |

|   |                               |
|---|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>NE Vacuum Blinebry</b> | <sup>10</sup> Proposed Pool 2 |
|---|-------------------------------|

|  |  |  |   |   |
|--|--|--|---|---|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>O</b>         | <sup>13</sup> Cable/Rotary<br><b>R</b>     | <sup>14</sup> Lease Type Code<br><b>S</b>         | <sup>15</sup> Ground Level Elevation<br><b>3,916'</b> |
| <sup>16</sup> Multiple<br><b>N</b>       | <sup>17</sup> Proposed Depth<br><b>7,312' MD</b> | <sup>18</sup> Formation<br><b>Blinebry</b> | <sup>19</sup> Contractor<br><b>Patterson Drlg</b> | <sup>20</sup> Spud Date<br><b>8/11/00</b>             |

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

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 26"       | 20"         | Conductor          | 40'           | Ready Mix       | Surface       |
| 17 1/2"   | 13 3/8"     | 54.5#              | 400'          | 355             | Surface       |
| 12 1/4"   | 8 5/8"      | 32#                | 3400'         | 1115            | Surface       |
| 7 7/8"    | 4 1/2"      | 11.6#              | 7250'         | 400             | 5600'         |
|           |             |                    |               |                 |               |

22 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.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

SEE ATTACHMENT

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

Signature:

*Cathy Rowan*

Printed name: Cathy Rowan

Title: Drilling Technician

Date: August 9, 2000

Phone: 281-618-4733

OIL CONSERVATION DIVISION

Approved by:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

*myf*