

✓ 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

HOBBS OCD

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
June 16, 2008

MAR 02 2012

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

Submit to appropriate District Office

☐ AMENDED REPORT

RECEIVED

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

|  |  |  |
|--|--|--|
| <sup>1</sup> Operator Name and Address<br>ASPEN OPERATING COMPANY, L.L.C.<br>801 CHERRY STREET, SUITE 810, FORT WORTH, TX, 76102 |  | <sup>2</sup> OGRID Number<br>217598    |
| <sup>3</sup> Property Code<br>32169  |  | <sup>4</sup> Property Name<br>STATE 10 |
| <sup>5</sup> Proposed Pool 1<br>WILDCAT<br>CROSSROADS; MORROW GAS (97790)<br>8093674A;   |  | <sup>6</sup> Well No<br>1              |
| <sup>7</sup> Surface Location<br>97790   |  | <sup>10</sup> Proposed Pool 2          |

|                   |               |                 |              |         |                       |                           |                       |                        |               |
|-------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no<br>F | Section<br>10 | Township<br>10S | Range<br>36E | Lot Idn | Feet from the<br>2310 | North/South line<br>NORTH | Feet from the<br>1980 | East/West line<br>WEST | County<br>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 |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

**Additional Well Information**

|                                   |   |                                     |                                    |   |
|-----------------------------------|---|-------------------------------------|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>P | <sup>12</sup> Well Type Code<br>G             | <sup>13</sup> Cable/Rotary<br>N/A   | <sup>14</sup> Lease Type Code<br>S | <sup>15</sup> Ground Level Elevation<br>4024 G.L. |
| <sup>16</sup> Multiple<br>NO      | <sup>17</sup> Proposed Depth<br>12,270 (same) | <sup>18</sup> Formation<br>DEVONIAN | <sup>19</sup> Contractor<br>N/A    | <sup>20</sup> Spud Date<br>N/A                    |

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

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/4"   | 13-3/8"     | 48, 54.5           | 371'          | 350 (CIRC)      | SURFACE       |
| 10-3/4"   | 8-5/8"      | 24, 32             | 4209'         | 300             | SURFACE       |
| 7"        | 5-1/2"      | 17, 20             | 12,235'       | 500             | 7,500'        |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<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.


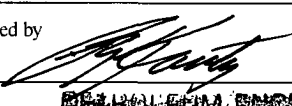
1) NIPPLE UP 5000 PSI BOP DBL RAM STACK WITH 3000 PSI ANNULAR PREVENTER.

2) SET A CIBP @ 12,200' OVER PRESENT PRODUCTIVE ZONE (12,235' - 12,270'), DEVONIAN, CROSSRDS, S.

3) RUN CEMENT BOND LOG TO DETERMINE TRUE TOP OF CEMENT (TOC).

4) RECOMPLETE MORROW (PROPOSED NEW PRODUCTIVE ZONE) WITH PERFORATIONS @ 11,432-11,456' & 11,481-11,504'.

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback**

|   |                          |  |                 |
|---|--------------------------|--|-----------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief |                          | OIL CONSERVATION DIVISION  |                 |
| Signature                                |                          | Approved by  |                 |
| Printed name MICHAEL WILSON   |                          | Title <b>BELVA L. HULETT ENGINEER</b>  |                 |
| Title PRODUCTION MANAGER  |                          | Approval Date  | Expiration Date |
| E-mail Address mwilson@aspen-oil.com  |                          | MAR 08 2012  |                 |
| Date 2/24/2012  | Phone 817-882-9063, x.19 | Conditions of Approval Attached <input type="checkbox"/>   |                 |

MAR 08 2012