

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  
May 27, 2004

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 <b>Aspen Operating Company, L.L.C.</b> <b>210 W. 6th St. Ste 1301, Fort Worth, TX 76102</b>		<sup>2</sup> GRID Number <b>217598</b>
<sup>3</sup> Property Code <b>34592</b>		<sup>4</sup> API Number <b>30-025-03646</b>
<sup>5</sup> Property Name <b>State "AC"</b>		<sup>6</sup> Well No. <b>1</b>
<sup>9</sup> Proposed Pool 1 <b>South Crossroads <u>Olvenian</u></b>		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. <b>N</b>	Section <b>15</b>	Township <b>10S</b>	Range <b>36E</b>	Lot Idn	Feet from the <b>660'</b>	North/South line <b>South</b>	Feet from the <b>1980'</b>	East/West line <b>West</b>	County <b>Lea</b>
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**8 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
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**Additional Well Information**

<sup>11</sup> Work Type Code <b>E</b>	<sup>12</sup> Well Type Code <b>E</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>4018.3</b>
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth <b>12,300'</b>	<sup>18</sup> Formation <b>Devonian</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Groundwater <b>124.01</b>		Distance from nearest fresh water well <b>over 1000'</b>		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> <b>126</b> mils thick Clay <input type="checkbox"/> Pit Volume: <b>200</b> bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

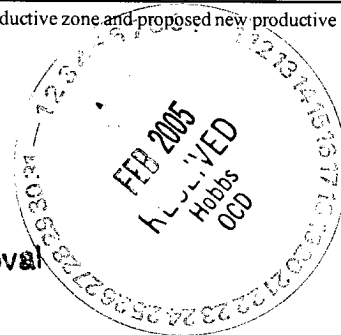
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Manual Preventor  
5000#

Standard workover BOP

(not anticipating any pressure problems)

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Re-Entry



<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: <b>Sandra Garcia</b> <i>Sandra Garcia</i>		Approved by: <i>Chris Williams</i> DISTRICT SUPERVISOR/GENERAL MANAGER	
Title: <b>Production Assistant</b>		Approval Date: <b>FEB 03 2005</b> Expiration Date:	
E-mail Address: <b>sgarcia@aspen-oil.com</b>		Conditions of Approval Attached <input type="checkbox"/>	
Date: <b>1/31/05</b>		Phone: <b>(817)882-9063</b>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
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 30-025-03646	<sup>2</sup> Pool Code 13560	<sup>3</sup> Pool Name South Crossroads <i>Devonian</i>
<sup>4</sup> Property Code 34592	<sup>5</sup> Property Name State "AC"	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 217598	<sup>8</sup> Operator Name Aspen Operating Company, L.L.C.	<sup>9</sup> Elevation 4018.3

<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
N	15	10S	36E		660'	South	1980'	West	Lea

<sup>11</sup> 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>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Sandra L. Garcia Printed Name sgarcia@aspen-oil.com Title and E-mail Address 1/31/05 Date
	<sup>18</sup> SURVEYOR CERTIFICATION 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.  Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

