

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

**RECEIVED**

Form C-101  
May 27, 2004

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

MAR 10 2008

to appropriate District Office

**HOBBS OCD**

UNRECOMMENDED REPORT

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

<sup>1</sup> Operator Name and Address BC Operating P.O. Box 50820 Midland, TX 79710		<sup>2</sup> OGRID Number 160825
<sup>3</sup> Property Code 37046	<sup>4</sup> Property Name Atilla State 14	<sup>5</sup> APN Number 30-25-32421
<sup>9</sup> Proposed Pool 1 Wildcat Canyon		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location									
UL or lot no K	Section 14	Township 15S	Range 34E	Lot Idn	Feet from the 2118	North/South line South	Feet from the 1649	East/West line West	County 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 E	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4074'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 14,200	<sup>18</sup> Formation Canyon	<sup>19</sup> Contractor Nabors	<sup>20</sup> Spud Date 6-1-08
Depth to Groundwater 78'		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner Synthetic <input checked="" type="checkbox"/> 10 mils thick Clay <input type="checkbox"/> Pit Volume: 4000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> 12 mil minimum CD Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<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 - 5/8	54.5, 61, 68	450	470	surf
12 1/4	9 5/8	40 + 36	4650	1645	
7 1/8	5 1/2	17	11,300	500	7290'

<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.

BC plans to re-enter this well to test the Canyon at ~11,100'.  
All pressure control equipment will be tested at 5000#.

<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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Signature: Pam Botkin Printed name: Pam Botkin Title: Engineering Tech E-mail Address: pbotkin@usaonline.net Date: 3/6/08	OIL CONSERVATION DIVISION
	Approved by: Chris Williams
	Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER
	Approval Date: APR 04 2008 Expiration Date:
	Conditions of Approval Attached <input type="checkbox"/>

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

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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 October 12, 2005  
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 30-025-32421	<sup>2</sup> Pool Code ✓	<sup>3</sup> Pool Name Wildcat Canyon
<sup>4</sup> Property Code 37046	<sup>5</sup> Property Name Atilla State (14)	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 160825	<sup>8</sup> Operator Name BC Operating	<sup>9</sup> Elevation 4074'

<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
K	14	15S	34E		2118	South	1649	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 32040	<sup>13</sup> Joint or Infill	<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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i> Pam Botkin 3/6/08 Signature Date Pam Botkin Printed Name
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyor.  Certificate Number

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State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes  No

Type of action: Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

Operator: BC Operating Telephone: 432-684-9696 e-mail address: jsimon@usaonline.net  
Address: P.O. Box 50820 Midland, TX 79710  
Facility or well name: Atilla State 14 #1 API# 30-025-32421 U/L or Qtr/Qtr K Sec 14 T 15S R 34E  
County: Lea Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927  1983   
Surface Owner: Federal  State  Private  Indian

Pit	Below-grade tank	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Pit Volume: <u>10000</u> bbl	Volume: _____ bbl Type of fluid. _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 0 points)
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources )	Yes (No)	(20 points) ( 0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses )	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 0 points)
<b>Ranking Score (Total Points)</b>		<b>10</b>

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite  offsite  If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No  Yes  If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:  
After drilling operations are complete, BC Operating will follow NMOCD guidelines for pit closure, including any updated forms.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

Date: 3/6/08  
Printed Name/Title: Pam Botkin Signature: Pam Botkin

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval  
Printed Name/Title: CHRIS WILLIAMS/DIST. SUPV. Signature: Chris Williams Date: 4/4/08

*New Mexico Office of the State Engineer*  
**POD Reports and Downloads**

Township: 15S Range: 34E Sections: 14

NAD27 X:                      Y:                      Zone:                       Search Radius: \_\_\_\_\_

County:                       Basin:                       Number:                      Suffix: \_\_\_\_\_

Owner Name: (First) \_\_\_\_\_ (Last) \_\_\_\_\_     Non-Domestic     Domestic  
 All

     
  
       

**AVERAGE DEPTH OF WATER REPORT 03/06/2008**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	15S	34E	14				4	65	90	78

Record Count: 4