

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-9720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised July 18, 2013

**NM OIL CONSERVATION**

**Energy Minerals and Natural Resources**

ARTESIA DISTRICT

**Oil Conservation Division**

☒ AMENDED REPORT

JUN 1 2015

1220 South St. Francis Dr.

RECEIVED

Santa Fe, NM 87505

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

Operator Name and Address <b>BC Operating, Inc. P. O. Box 50820 Midland TX 79710</b>		UGRID Number <b>160825</b>
		API Number <b>30-015-43096</b>
Property Code <b>314815</b>	Property Name <b>Black River 15 State SWD</b>	Well No. <b>1</b>

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
<b>K</b>	<b>15</b>	<b>24 S</b>	<b>27 E</b>		<b>2334</b>	<b>S</b>	<b>1914</b>	<b>W</b>	<b>Eddy</b>

**\* Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
<b>K</b>	<b>15</b>	<b>24 S</b>	<b>27 E</b>		<b>2334</b>	<b>S</b>	<b>1914</b>	<b>W</b>	<b>Eddy</b>

**9. Pool Information**

Pool Name <b>SWD; Cherry Canyon (C-108 to be filed in Santa Fe week of May 3)</b>	Pool Code <b>97003</b>
--	---------------------------

**Additional Well Information**

11. Work Type <b>N</b>	12. Well Type <b>S</b>	13. Cable/Rotary <b>R</b>	14. Lease Type <b>S</b>	15. Ground Level Elevation <b>3219</b>
16. Multiple <b>N</b>	17. Proposed Depth <b>4400'</b>	18. Formation <b>Brushy Canyon</b>	19. Contractor	20. Spud Date <b>Upon C-108 Approval</b>
Depth to Ground Water <b>70' (well C 01452)</b>		Distance from nearest fresh water well <b>5123' (well C 01452)</b>		Distance to nearest surface water <b>&gt;3000' east of Bond Draw</b>

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
<b>Surface</b>	<b>16"</b>	<b>13-3/8"</b>	<b>48</b>	<b>630'</b>	<b>550</b>	<b>GL</b>
<b>Intermed.</b>	<b>12-1/4"</b>	<b>9-5/8"</b>	<b>40</b>	<b>2880'</b>	<b>1100</b>	<b>GL</b>
<b>Product'n</b>	<b>8-3/4"</b>	<b>7"</b>	<b>23</b>	<b>4400'</b>	<b>595</b>	<b>GL</b>

**Casing/Cement Program: Additional Comments**

**Will set packer at @ 3065', run 4-1/2" tubing, and dispose from 3115' - 4290'. Will not perf Brushy Canyon.**

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
	<b>3000</b>		

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Brian Wood</i>		OIL CONSERVATION DIVISION Approved By: <i>[Signature]</i> Title: <i>DIST ASPOWSON</i> Approved Date: <i>6/3/15</i> Expiration Date:	
Printed name: <b>Brian Wood</b>			
Title: <b>Consultant</b>			
E-mail Address: <b>brian@permitswest.com</b>			
Date: <b>5-28-15</b>	Phone: <b>(505) 466-8120</b>	Conditions of Approval Attached	

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

ARTESIA DISTRICT

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015- <sup>1</sup> API Number <b>43096</b>	<sup>2</sup> Pool Code 97003	<sup>3</sup> Pool Name SWD; Cherry Canyon
<sup>4</sup> Property Code <b>314815</b>	<sup>5</sup> Property Name BLACK RIVER 15 STATE SWD	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 160825	<sup>8</sup> Operator Name B.C. OPERATING, INC.	<sup>9</sup> Elevation 3219'

<sup>10</sup> Surface Location

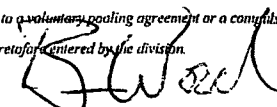
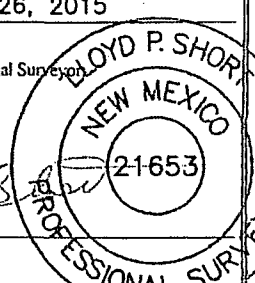
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	T24S	R27E		2334'	SOUTH	1914'	WEST	EDDY

<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	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

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>					<b><sup>17</sup> OPERATOR CERTIFICATION</b> <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>  Signature Date Brian Wood 4-23-15 Printed Name brian@permitswest.com E-mail Address	
SECTION 9 SECTION 16	SECTION 10 SECTION 15	<p>SURFACE HOLE LOCATION 2334' FSL 1914' FWL, SECTION 15 NAD 83, SPCS NM EAST X:588451.97' / Y:442494.69' LAT:32.21640278N / LON:104.18098651W NAD 27, SPCS NM EAST X:547269.11' / Y:442436.54' LAT:32.21628275N / LON:104.18048996W</p>			SECTION 11 SECTION 14	<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <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> MARCH 26, 2015 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
SECTION 16 SECTION 21	SECTION 15 SECTION 22				SECTION 14 SECTION 23	