

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

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

¹ Operator Name and Address BC Operating, Inc. P. O. Box 50820 Midland TX 79710		² OGRID Number 160825
		³ API Number 30-015-43096
⁴ Property Code 314815	⁵ Property Name Black River 15 State SWD	⁶ Well No. 1

⁷ Surface Location

UL - Lot K	Section 15	Township 24 S	Range 27 E	Lot Idn	Feet from 2334	N/S Line S	Feet From 1914	E/W Line W	County Eddy
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⁸ Proposed Bottom Hole Location

UL - Lot K	Section 15	Township 24 S	Range 27 E	Lot Idn	Feet from 2334	N/S Line S	Feet From 1914	E/W Line W	County Eddy
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⁹ Pool Information

Pool Name SWD; Cherry Canyon (C-108 to be filed in Santa Fe week of May 3)	Pool Code 97003
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Additional Well Information

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

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
Surface	16"	13-3/8"	48	630'	550	GL
Intermed.	12-1/4"	9-5/8"	40	2880'	1100	GL
Product'n	8-3/4"	7"	23	4400'	595	GL

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
	3000		

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:	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: <i>[Signature]</i>	
	Approved Date: <i>5/14/2015</i>	Expiration Date: <i>5/14/2017</i>
	Conditions of Approval Attached	
Printed name: Brian Wood		
Title: Consultant		
E-mail Address: brian@permitswest.com		
Date: 5-2-15	Phone: (505) 466-8120	

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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

MAY 07 2015

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

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		API Number 30-015-
Property Code 314815	Property Name Black River 15 State SWD	Well No. 1

7. Surface Location

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

*** Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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*** Pool Information**

Pool Name SWD; Cherry Canyon (C-108 to be filed in Santa Fe week of May 3)	Pool Code 97003
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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>	
Printed name: Brian Wood	Title: <i>Dist. Engineer</i>	
Title: Consultant	Approved Date:	Expiration Date:
E-mail Address: brian@permitswest.com		
Date: 5-2-15	Phone: (505) 466-8120	Conditions of Approval Attached

