

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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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.
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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 ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
 Signature:

Printed name: **Brian Wood**

Title: **Consultant**

E-mail Address: **brian@permitswest.com**

Date: **5-2-15**

Phone: **(505) 466-8120**

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: **5/14/2015**

Expiration Date: **5/14/2017**

Conditions of Approval Attached

Energy Minerals and Natural Resources

ARTESIA DISTRICT

Oil Conservation Division

☐ AMENDED REPORT

MAY 07 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 BC Operating, Inc. P. O. Box 50820 Midland TX 79710		OGRID Number 160825
		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

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	34	24 S	27 E		2334	S	1914	W	Eddy

9. Pool Information

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

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
N	S	R	S	3219
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	4400'	Brushy Canyon		Upon C-108 Approval
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
70' (well C 01452)		5123' (well C 01452)		>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
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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 ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name: **Brian Wood**Title: **Consultant**E-mail Address: **brian@permitswest.com**Date: **5-2-15**Phone: **(505) 466-8120**

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

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State of New Mexico

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

ARTESIA DISTRICT

OIL CONSERVATION DIVISION

MAY 07 2015

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ 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

¹¹ 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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

SECTION 9		SECTION 10		SECTION 11	
SECTION 16		SECTION 15		SECTION 14	
SECTION 16		SECTION 15		SECTION 14	
SECTION 21		SECTION 22		SECTION 23	

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

1914'

2334'

¹⁷ OPERATOR CERTIFICATION
 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.

Brian Wood 4-23-15

Signature _____ Date _____

Printed Name **Brian Wood**

E-mail Address **brian@permitswest.com**

¹⁸ 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.

MARCH 26, 2015

Date of Survey _____

Signature and Seal of Professional Surveyor *Lloyd P. Short*

21-653

Certificate Number _____

LOYD P. SHORT
 NEW MEXICO
 21-653
 PROFESSIONAL SURVEYOR