

State of New Mexico

Energy Minerals and Natural Resources **MAR 17 2017**

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

AMENDED REPORT
RECEIVED (convert oil well to SWD)

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

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

Operator Name and Address Rockcliff Operating New Mexico LLC 1301 McKinney, Suite 1300 Houston TX 77010 (713) 351-0500		OGRID Number 371115
Property Code 316159		API Number 30-015-33783
Property Name South Culebra Bluff 23		Well No. 15

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	23	23S	28E		1430	N	1150	E	Eddy

8. Proposed Bottom Hole Location

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

9. Pool Information

Pool Name SWD; Cherry Canyon	Pool Code 97003
---------------------------------	--------------------

Additional Well Information

¹¹ Work Type P	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 2989'
¹⁶ Multiple N	¹⁷ Proposed Depth PBTD = 4680'	¹⁸ Formation Cherry Canyon	¹⁹ Contractor to be determined	²⁰ Spud Date upon C-108 approval
Depth to Ground water 16' in C 01102		Distance from nearest fresh water well 1125' E of C 01102		Distance to nearest surface water ≈150' N & S of irrigation canals

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	12.25"	8.625"	24	534'	650	Circ 75 sx to GL
Production	7.875"	5.5"	15.5	6424'	1275	Did not circ. to GL.
						Will run CBL before
						completing Cherry.

Casing/Cement Program: Additional Comments

Will set CIBP @ 4700', add 20' cmt atop CIBP to 4680', and perf Cherry Canyon from 4625' to 4220'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	3000 psi	3000 psi	to be determined

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>Raymond M. Tolany</i>	Title: <i>Geologist</i>
Printed name: Brian Wood	Approved Date: <i>3-17-2017</i>	Expiration Date: <i>3-17-2019</i>
Title: Consultant		
E-mail Address: brian@permitswest.com		
Date: 3-14-17	Phone: 505 466-8120	Conditions of Approval Attached <i>COA- C108 APPROVED</i>

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

MAR 17 2017

RECEIVED

X AMENDED REPORT
(change from Brushy
Canyon oil well)

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 30-015-33783	2 97003	3 SWD; Cherry Canyon
4 316159	5 South Culebra Bluff 23	6 15
7 371115	8 Rockcliff Operating New Mexico LLC	9 2989'

10 Surface Location

H	23	23 S	28 E	Lot Idn	1430	North	1150	East	Eddy	County
---	----	------	------	---------	------	-------	------	------	------	--------

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.

16		<p>17 OPERATOR CERTIFICATION</p> <p><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></p> <p>Signature: <i>Brian Wood</i> Date: 3-13-17</p> <p>Printed Name: Brian Wood</p> <p>E-mail Address: brian@permitswest.com</p> <p>(505) 466-8120</p>
		<p>18 SURVEYOR CERTIFICATION</p> <p><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></p> <p>8-2-04</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Original survey by Ronald Eidson attached</p>
		<p>Certificate Number</p>

MAR 17 2017

Form C-10:

Revised JUNE 10, 2007

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT I

1201 N. FRANK DR., SDOBBS, NM 88240

DISTRICT II

1201 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Grande Rd., Artec, NM 87410

DISTRICT IV

1201 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name SCB 23	Well Number 15
OGED No.	Operator Name R.B. OPERATING	Elevation 2989'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	23-S	28-E		1430'	NORTH	1150'	EAST	EDDY

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

Dedicated Acres	Joint or Infill	Consolidation Code	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

<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>Y=470865.0 N X=586666.3 E</p> <p>LAT.=32°17'39.17" N LONG.=104°03'10.30" W</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>DK Robinson</i> Signature</p> <p>DK ROBINSON Printed Name</p> <p><i>Drilling Manager</i> Title</p> <p>8-11-2004 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 2, 2004</p>
		<p>Date Surveyed _____ JR</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Robinson</i> 8/14/04</p>
		<p>Certificate No. RONALD J. ROBINSON 3239</p>

RECEIVED
MAY 04 2006
JUN 14 2006