

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

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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

Operator Name and Address Rockcliff Operating New Mexico LLC 1301 McKinney, Suite 1300 Houston TX 77010 (713) 351-0500		UGRID Number 371115
Property Code 316772		API Number 30-005-29214
Property Name McCloy State SWD STATE		Well No. 1

7. Surface Location

UL - Lot N	Section 15	Township 8S	Range 32E	Lot Idn	Feet from 220	N/S Line S	Feet From 2080	E/W Line W	County Chaves
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8. 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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9. Pool Information

Pool Name SWD; Devonian-Silurian	Pool Code 97869
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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 4387'
¹⁶ Multiple N	¹⁷ Proposed Depth TD:11400' PBTD:11330'	¹⁸ Formation Montoya	¹⁹ Contractor to be determined	²⁰ Spud Date upon C-108 approval
Depth to Ground water 70' in RA 12225		Distance from nearest fresh water well 3800' E of Sweetwater Well (not in SEO data)		Distance to nearest surface water ≈3/4 mile SW of sink hole

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	17.5"	13.375"	48	500'	305	GL
Intermed.	12.25"	9.625"	40	4800'	1670	GL
Production	8.75"	7"	26	7500'	1517 sx & DV tool @ 7900'	GL
Production	8.75"	7"	32	10990'		

Casing/Cement Program: Additional Comments

Will complete open (5.875") hole 10990' - 11330'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	5000 psi	5000 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 and/or 19.15.14.9 (B) NMAC , if applicable.
Signature: *Brian Wood*

Printed name: Brian Wood
Title: Consultant
E-mail Address: brian@permitswest.com
Date: 8-28-16 Phone: 505 466-8120

OIL CONSERVATION DIVISION	
Approved By:	<i>[Signature]</i>
Title:	Petroleum Engineer
Approved Date: 09/01/16	Expiration Date: 09/01/18
Conditions of Approval Attached	

See Attached
Conditions of Approval