

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

NM OIL CONSERVATION
Energy Minerals and Natural Resources

MAY 23 2017

Oil Conservation Division
1220 South St. Francis Dr.

AMENDED REPORT

RECEIVED

Santa Fe, NM 87505

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

Operator Name and Address Black River Water Management Company, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX 75240 (972) 371-5420		OGRID Number 371287
Property Code 318050		API Number 30-015- 44240
Property Name Rustler Breaks SWD		Well No. 2

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D - 4	6	24S	28E		1064	N	230	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

9. Pool Information

Pool Name SWD; Devonian	Pool Code 96101
----------------------------	--------------------

Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3105'
¹⁶ Multiple N	¹⁷ Proposed Depth 14700'	¹⁸ Formation Devonian	¹⁹ Contractor to be determined	²⁰ Spud Date upon C-108 approval
Depth to Ground water 80' (in C 01244)	Distance from nearest fresh water well 5677' SE to C 01244		Distance to nearest surface water ≈375' NW of irrigation ditch	

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	26"	20"	94	550'	1250	GL
Intermed.1	17.5"	13.375"	68	2500'	1750	GL
Intermed.2	12.25"	9.625"	47	9350'	1900	GL
Production	8.5"	7"	29	13670'	750	7900'

Casing/Cement Program: Additional Comments

Will complete open (6.125") hole 13670' - 14700'

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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Brian Wood</i>	OIL CONSERVATION DIVISION	
	Approved By: <i>Raymond W. Bodany</i>	Title: <i>Geologist</i>
Printed name: Brian Wood	Approved Date: <i>7-7-17</i>	Expiration Date: <i>7-7-19</i>
Title: Consultant	<i>6-13-2017 SWD-1682 6-13-2019</i>	
E-mail Address: brian@permitswest.com	Conditions of Approval Attached	
Date: 5-19-17	Phone: 505 466-8120	

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., Sante 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.
Sante Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 23 2017

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44240		² Pool Code 96101	³ Pool Name SWD; Devonian
⁴ Property Code 318050	⁵ Property Name RUSTLER BREAKS SWD		⁶ Well Number #2
⁷ OGRID No. 371287	⁸ Operator Name BLACK RIVER WATER MANAGEMENT, LLC.		⁹ Elevation 3105'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	6	24-S	28-E	-	1064'	NORTH	230'	WEST	EDDY

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.

	<p>SURFACE LOCATION NEW MEXICO EAST NAD1927 X=561541 Y=455155 LAT.: N 32.2511821 LONG.: W 104.1342649 NAD 1983 X=602724 Y=455214 LAT.: N 32.2513024 LONG.: W 104.1347605</p>	<p>¹⁷OPERATOR 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.</p> <p><i>Brian Wood</i> 5-19-17 Signature Date</p> <p>Brian Wood Printed Name</p> <p>brian@permitswest.com E-mail Address</p> <p>(505) 466-8120</p>
	<p>¹⁸SURVEYOR 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 to the best of my belief.</p> <p>05/18/2017 Date of Survey</p> <p><i>Michael B. Brown</i> Signature and Seal of Professional Surveyor</p> <p>MICHAEL B. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p> <p>Certificate Number</p>	

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

PERMIT CONDITIONS OF APPROVAL

Operator Name Black River Water Management Company, LLC
API Number 30-015-44340
Well Name and Number Rustler Breaks SWD #2

- Will require a Directional Survey and "As Drilled" C-102 with the C-104
- Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
- If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.
- NSL approval required prior to sale of product
- NSP approval required for requested acreage dedication
- Initial injection cannot commence until all regulatory requirements have been met and drilling and completion data conforms to approved SWD order

C108 needs to be amended to reflect casing & cement program changes in this APD.