

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
NM OIL CONSERVATION
ARTESIA DISTRICT Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

NOV 27 2017 Oil Conservation Division

☐ AMENDED REPORT

RECEIVED
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 Black River Water Management Company, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX 75240 (972) 371-5420		² OGRID Number 371287
		³ API Number 30-015- 44571
⁴ Property Code 3198008	⁵ Property Name Malaga SWD	⁶ Well No. 5

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	12	24 S	28 E		1779	S	975	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	Pool Code
SWD; Devonian	96101

Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 2976'
¹⁶ Multiple N	¹⁷ Proposed Depth 15300'	¹⁸ Formation Devonian	¹⁹ Contractor to be determined	²⁰ Spud Date upon C-108 approval
Depth to Ground water 20' (in C 00574)		Distance from nearest fresh water well 1525' NE of C 00574		Distance to nearest surface water ≈500' E 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	560'	1400	GL
Intermed.1	18.125"	16"	84	2750'	1400	GL
Intermed.2	14.75"	10.75"	47	10850'	3700	GL
Production	9.5"	7.625"	29.7 & 33.7	14385'	1050	8000'

Casing/Cement Program: Additional Comments

Will complete open (6.5") hole 14385' - 15300'

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: 11-21-17

Phone: 505 466-8120

OIL CONSERVATION DIVISION

Approved By:

Raymond W. Budany
Geologist

Title:

Approved Date: 12-04-17

Expiration Date: 12-04-19

Conditions of Approval Attached C-108 Approval.

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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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 44571	² Pool Code 96101	³ Pool Name SWD; Devonian
⁴ Property Code 319808	⁵ Property Name MALAGA SWD	
⁷ OGRID No. 371287	⁸ Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC.	⁶ Well Number #5 ⁹ Elevation 2976'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	24-S	28-E	-	1779'	SOUTH	975'	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.

¹⁶	<p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=588891 Y=447431 LAT.: N 32.2297778 LONG.: W 104.0458655 NAD 1983 X=630074 Y=447490 LAT.: N 32.2298997 LONG.: W 104.0463569</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 undivided 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> 11-21-17 Signature Date Brian Wood Printed Name brian@permitswest.com E-mail Address (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>11/21/2017 Date of Survey Signature and Seal of Professional Surveyor Certificate Number</p>	