

**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

ARTESIA DISTRICT Oil Conservation Division

OCT 27 2017 1220 South St. Francis Dr.

RECEIVED Santa Fe, NM 87505

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Black River Water Management Company, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX 75240 (972) 371-5420		<sup>2</sup> OGRID Number 371287
<sup>4</sup> Property Code 319808	<sup>3</sup> Property Name Malaga SWD	<sup>5</sup> API Number 30-015- 44514
		<sup>6</sup> Well No. 4

#### <sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	11	24 S	28 E		1489	N	490	W	Eddy

#### <sup>8</sup> Proposed Bottom Hole Location

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

#### <sup>9</sup> Pool Information

Pool Name	Pool Code
SWD; Devonian	96101

#### Additional Well Information

<sup>11</sup> Work Type N	<sup>12</sup> Well Type S	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type P	<sup>15</sup> Ground Level Elevation 2988'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 15200'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor to be determined	<sup>20</sup> Spud Date upon C-108 approval
Depth to Ground water 90' (in C 01082)		Distance from nearest fresh water well 2630' SE of C 01442		Distance to nearest surface water ≈185' W of irrigation canal

We will be using a closed-loop system in lieu of lined pits

#### <sup>21</sup> 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'	1400	GL
Intermed.1	18.125"	16"	84	2700'	1400	GL
Intermed.2	14.75"	10.75"	47	10800'	3700	GL
Production	9.5"	7.625"	29.7 & 33.7	14230'	1050	8000'

#### Casing/Cement Program: Additional Comments

Will complete open (6.5") hole 14230' - 15200'
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#### <sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	5000 psi	5000 psi	to be determined

<sup>23</sup> 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	
Printed name: Brian Wood		Approved By: <i>Raymond H. Rodary</i>	
Title: Consultant		Title: <i>Geologist</i>	
E-mail Address: brian@permitswest.com		Approved Date: 11-3-17 Expiration Date: 11-3-19	
Date: 10-23-17	Phone: 505 466-8120	Conditions of Approval Attached <i>Approval of C108</i>	

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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

<sup>1</sup> API Number 30-015- 44314	<sup>2</sup> Pool Code 96101	<sup>3</sup> Pool Name SWD; Devonian
<sup>4</sup> Property Code 319808	<sup>5</sup> Property Name MALAGA SWD	<sup>6</sup> Well Number #4
<sup>7</sup> OGRID No. 371287	<sup>8</sup> Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC.	<sup>9</sup> Elevation 2988'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	11	24-S	28-E	-	1489'	NORTH	490'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	-	-	-	-	-	-	-	-	-

<sup>12</sup> Dedicated Acres 640	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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><sup>17</sup>OPERATOR CERTIFICATION</p> <p>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> 10-23-17 Signature Date</p> <p>Brian Wood</p> <p>Printed Name</p> <p>brian@permitswest.com</p> <p>E-mail Address</p> <p>(505) 466-8120</p>
	<p><sup>18</sup>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 to the best of my belief.</p> <p>04/12/2017</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor.</p> <p><i>Michael B. Brown</i></p> <p>MICHAEL B. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p> <p>Certificate Number</p>