| <u>District I</u> 1625 N. French Dr Phone: (575) 393-0 <u>District II</u> | 5161 Fax: (57 | 88240 5) 393-0720 | NM OIL CON | SERVATIO | ON ^{State} of y Minerals | 'New M and Nat | exico ural Re | esources | | Form C-10 Revised July 18, 201 |
|--|---------------------------------|-------------------------|--|---------------------------------|---|-----------------------|---|-------------------|-------------------|--|
| 811 S. First St., Ar Phone. (575) 748-1 District III | | 10 | | 7 2016 | Oil Consei | | | | | AMENDED REPORT |
| 1000 Rio Brazos R Phone: (505) 334-0 | | | | | 1220 South | ı St. Fra | ncis Di | r. | | · · · · · |
| District IV 1220 S. St. Francis Phone: (505) 476-3 | Dr., Santa Fe 3460 Fax: (505 | NM 87505 5) 476-3462 | REC | EIVED | Santa F DE ENT | | | DLUCDAC | | ND A ZONE |
| | | | Operator Name a | ind Address | | ER, DE | | | OGRID Nui | nber |
| | · B | lack River 540 | Water Manage OO LBJ Freeway Dallas TX 7 | ment Comp , Suite 150 | bany, LLC | | | , | 371287 | |
| | | | Dallas TX / (972) 371 | -5420 -5420 | | | | 30-015- | 4380 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| Prope | rty Code | 272 | | · 8 | Property Name Black River SV | ŇD | | k , | | weir No. 1 |
| | | | | 7. 5 | Surface Locat | tion | | | • | |
| UL - Lot C | Section 31 | Township 23S | Range 28E | Lot Idn | Feet from 250 | N/: | S Line N | Feet From 2461 | E/W Line W | County Eddy |
| | 51 | | 200 | ⊾ Ргоро | sed Bottom F |] Hole Loca | | 2401 | ** | Luuy |
| UL - Lot | Section | Township | Range | Lot Idn | Feet from | | S Line | Feet From | E/W Line | County |
| | | L | <u> </u> | <u>~</u> ۶. ا | Pool Informa | tion | | 1 | · I | l |
| I | , | | | | ^{ol Name} De∨onian | | | | . <u>.</u> | Pool Code 96101 |
| | | | | Additio | onal Well Info | rmation | | | | |
| ^{II.} Worl N | | | ^{12.} Well Type S | ¹³ Cable/Rotary R | | | ^{14.} Lease Type | | | iround Level Elevation 3126' |
| , ¹⁶ Mu | itiple V | TD:1 | ^{17.} Proposed Depth 5000' PBTD:14 | | | | ¹⁹ Contractor be determined | | | |
| Depth to Grou | nd water ** | | Dista | ice from neares | t fresh water well | · · | | Distance | to nearest surfac | ce water |
| <u>1</u> 5' (i | n C 016 | 48) | | 5369' | NE to C 016 | 548 [°] | • | ≈16 | 00' NE to So | uthern Canal |
| ∕]We will be | e using a c | closed-loop | system in lieu of | - | | | | | | |
| | | | | | asing and Ce | | | | | |
| Туре | | e Size | Casing Size | Casing Weight/ft | | Setting Depth 575' | | Sacks of | | Estimated TOC |
| Surface Intermed.1 | _ | .6" 7.5" | 13.375" | | | | | 12 | 50 25 | GL GL |
| | | | 9.625" | | | 2400' | | | 75 | GL |
| Production | | | | | 3.5 9300' 32 13700' | | | 25 | 7800' | |
| | '.l° | | | | rogram: Add | | | | | |
| Will comple | ete open | (6") hole | e 13700' - 14 | | | | | | | |
| <u> </u> | • | | 22. | Proposed R | lowout Preve | ntion Pr |)øram | | | |
| | | | | | | | | | | |

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| r ^{en} n Type | Working Pressure | Test Pressure | Manufacturer | |
|------------------------|------------------|---------------|------------------|--|
| 'annular & rams | 5000 psi | 5000 psi | to be determined | |
| | | | | |

| of my knowledge and belief. | rmation given above is true and complete to the best | OIL CONSERVATION DIVISION | | | | | |
|---|--|---|--|--|--|--|--|
| I further certify that I have c 19.15.14.9 (B) NMAC , if Signature: | omplied with 19.15.14.9 (A) NMAC and/or applicable. | Approved By: | | | | | |
| Printed name: Brian Wood | (| Title: Freologist | | | | | |
| Title: Consultant | | Approved Date: 05 (3) 2016 Expiration Date: 05 (3) 2018 | | | | | |
| E-mail Address: brian@perr | nitswest.com | | | | | | |
| Date: 5-23-16 | Phone: 505 466-8120 | Conditions of Approval Attached 🔗 6-3-16 | | | | | |
| | | | | | | | |

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u>

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District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| 30-015- 438 | 07 | | ² Pool Code 96101 | | ³ Pool Name SWD; Devonian | | | | | |
|---|------------------|---|---------------------------------|-----------------------|---|--|--|---------------------|--|--|
| Property Code 316272 | | 61 | ⁶ Well Number #1 | | | | | | | |
| ⁷ OGRID No. 371287 | | ⁸ Operator Name Black River Water Management Company, LLC | | | | | | 'Elevation 3126' | | |
| ¹⁰ Surface Location | | | | | | | | | | |
| UL or lot no. Section | Township 23–S | Range 28–E | Lot Idn | Feet from the 250' | | | | | | |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | 1 | North/South line | Feet from the | East/West line | County |
|-------------------------------|--------------------------|------------------------|------------------|-------------------|---------------|---|------------------|---------------|----------------|--------|
| . – | - | - | - | - | - | i | - | - | — | - |
| ¹² Dedicated Acres | ¹³ Joint or I | nfill ¹⁴ Co | nsolidation Code | ¹⁵ Ord | er 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.

| | 250' | 1 | 17OPERATOR CERTIFICATION |
|-------|---|---|--|
| 2461' | 250' SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=563809 Y=461279 LAT.: N 32.2680049 LONG.: W 104.1268910 NAD 1983 X=604991 Y=461337 LAT.: N 32.2681252 LONG.: W 104.1273869 | | 17 OPERATOR CERTIFICATION I herrify certify that the information contained herein is true and complete to the best of my knueledge and belief, and that this organization either mens a working interest or unleased innered interest in the load including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an ourser of such a minered or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretglore entered by the diasion Brian Wood Printed Name brian@permitswest.com E-mail Address 18 SURVEYOR 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. 01/15/2016 |
| | | | Date of Survey Signature and Sed of Profession Survey |
| | | | Date of Survey Signature and Sed of Professorial Subject Brown THE ME & CONT 18329 Certificate Number |

S.SURVEYWATADOR_RESOURCES/CHARLIE_SWEENEY_SWD_11/FINAL_PRODUCTS/LO_CHARLIE_SWEENEY_SWD_1.DWG 3/14/2018 7:15:18 AM jstoval

| WELLBORE SCHEMATIC | PROSPECT: Devonian SWD AFE No: | URFACE LOCATION: BOTTOM HOLE LOCATION : | CASRNG Depth Hole Casing & Cernent Details BHA Details 30" Conductor @ ± 120" | | | | Prod Csg Cmt: 8-1/2" Prod Csg Cmt: 10p of Lead: 7800' 8-1/2" 7", 32#, P110HC, Alternative Drift BTC | 6" Tubing: 4 ½ " P110 13.5 #, LTC – 13,650' | |
|--------------------|--------------------------------|---|---|-------------------------|---|---|--|--|---|
| | | SURFACE LOCATION: | Logs | | - Inc / Azi measurement | | Q | -Inc / Azi measurement -Open hole Wireline logs |) |
| | n SWD #1 | GL ELEV : RKB ELEV :+KB | Mud Weight | 8.4-8.5 PPG FW | 10.0 PPG saturated brine | 8.4-9.0 PPG cut brine | 9.6-12 PPG | 9.0-9.5 PPG | |
| | WELL: Devonian | GL ELEV RKB ELE | Formation Tops (TVD) | Rustler Anhydrite @ xx' | Top of Salt @ 555' amar @ 2400 Bell Canyon @ 2450 Cherry Canyon @ 3270 Brushy Canyon @ 4465' Bone Spring Lime @ 5974 | 1ª Bone Spring Sand @ 6990 ^{2nd} Bone Spring Carb @ 7204 ^{3nd} Bone Spring Carb @ 7614 ^{3nd} Bone Spring Carb @ 7874 ^{3nd} Bone Spring Sand @ 8974 Molfcamp @ 9294 | Blair Shale @ 10431' Volfcamp D @ 10814' Vrown @ 11528' Atoka @ 11528' Morrow @ 12104' Barnett @ 12381' Morrow @ 13594' Noodford Shale @ 13594' Devonian Carb @ 13694' | Devonian Dolomite @ 13844' Montoya14704' | |

District 1 1055 N. Franch Dr., Hobbs. NA188240 Phome.(575) 393-0103 Fax (576) 393-0720 District 11 811 S. Frat St., Antesia, NM 88210 Phome (575) 748-1038 Fax (575) 748-0720 District 111 1000 Pilo Brasos Rd., Aztec, NM 87413 Phome (505) 324-0178 Fax (505) 234-0170 District 117 District 117 District 117 District 117 Phome (505) 476-3470 Fax (505) 476-3462

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

PERMIT CONDITIONS OF APPROVAL

| Coerstor Nat | slack River Mtr Mgmt Co UC |
|----------------|--|
| OCD Revener | Condition |
| kjones | Will require a directional survey with the C-104 |
| kjones | 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 |
| kjones | If cement does not circulate to surface, must run temperature survey or other log to determine top of cement |
| pr Ri sc | itnessed MIT must be performed ior to initial injection. Contact chard Inge 575-748-1283x107 to hedule test. |
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