

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 277609 WELL API NUMBER 30-015-45367 5. Indicate Type of Lease F 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name BERRY SWD																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																																																																		
1. Type of Well: S		8. Well Number 001																																																																
2. Name of Operator SOLARIS WATER MIDSTREAM, LLC		9. OGRID Number 371643																																																																
3. Address of Operator 907 Tradewinds Blvd Suite B, Midland, TX 79706		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>D</u> : <u>690</u> feet from the <u>N</u> line and feet <u>220</u> from the <u>W</u> line Section <u>20</u> Township <u>24S</u> Range <u>29E</u> NMPM _____ County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 2954 GR																																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																													
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See attached. See Attached 12/17/2019 Spudded well.																																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>01/05/20</td> <td>Int2</td> <td></td> <td>12.25</td> <td>9.625</td> <td>53.5</td> <td>HCP-11</td> <td>0</td> <td>10460</td> <td>2400</td> <td>1.33</td> <td>C</td> <td></td> <td>2100</td> <td></td> <td></td> </tr> <tr> <td>12/23/19</td> <td>Int1</td> <td></td> <td>14.75</td> <td>13.375</td> <td>68</td> <td>NT 80</td> <td>0</td> <td>2790</td> <td>1205</td> <td>1.33</td> <td>C</td> <td></td> <td>1200</td> <td></td> <td></td> </tr> <tr> <td>01/18/20</td> <td>Liner1</td> <td></td> <td>8.5</td> <td>7.625</td> <td>39</td> <td>HCP-11</td> <td>10184</td> <td>14640</td> <td>430</td> <td>1.3</td> <td>H</td> <td></td> <td>2500</td> <td></td> <td></td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	01/05/20	Int2		12.25	9.625	53.5	HCP-11	0	10460	2400	1.33	C		2100			12/23/19	Int1		14.75	13.375	68	NT 80	0	2790	1205	1.33	C		1200			01/18/20	Liner1		8.5	7.625	39	HCP-11	10184	14640	430	1.3	H		2500		
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																		
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Berry SWD #1  
30-015-45367  
Sec 20, T24S, R29E  
Eddy Co., NM

12/23/19

1<sup>st</sup> INTERMEDIATE CSG:

Drill 14-3/4" hole to 2790'.  
Run 13-3/8", 68 ppf, NT-80, FJ# csg to 2790'.  
Cmt with Lead: 830 sx Cl C POZ plus 8% bentonite + 11.75 pps Salt + .06% CSA-100 + .25% C503, yield of 2.15 cf/sx.  
Tail with 375 sx Cl C Premium + .05% C-51, Yield 1.33 cf/sx  
Circ 180 sx to surf.  
Press test csg to 1200 psi for 30 min. – OK.

1/5/20

2nd INTERMEDIATE CSG:

Drill 12-1/4" hole to 10,500'.  
Run 9-5/8", 53.5#, HCP-110, BTC csg to 10,460.6'.  
Cmt Stage 1: Lead – 1085 sx Cl C TXI Lightweight Cmt + .61 #/sx salt + .10% C-45 Econolite + 6% STE + .2% Citric Acid + .2% CSA-1000 + .2% C503P + 6.0 #/sx CTB-15 LCM + .2% C49.  
Yield 2.51  
Tail – 775 sx Cl H Premium + .05% C-19 + .05% CSA-1000. Yield 1.27  
Circ 80 bbls  
Cmt Stage 2: Lead – 375 sx Cl C Premium POZ + 6% Bentonite + 1.34 #/sx salt + 1% C-45 Econolite + 6% STE + .06% CSA-1000 + .3% C-503P.  
Tail – 165 sx Cl C Premium + .10% C-45 Econolite + 1% CaCl., Yield 1.33  
Circ 56 bbls.

Ran press test to 2100 psi for 30 min – ok.



Berry SWD #1  
30-015-45367

1/18/20

#### LINER

Drill 8-1/2" hole to 14,640'.

Run 7-5/8", 39 ppf, HCP-110, UFJ Liner 10,184' to 14,640'.

Cmt w/430 sx Cl H, HSDL 87 cmt + C-23 high temp retarder + STE + 100 mesh sd + CFL-1 + C-14B high temp fluid loss + C-49 expanding as flow control. Yield 1.30. Est top 10,184'.

Ran press test to 2500 psi for 30 min – ok.

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

Comments  
  
Permit 277609

**DRILLING COMMENTS**

Operator: SOLARIS WATER MIDSTREAM, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706	OGRID:	371643
	Permit Number:	277609
	Permit Type:	Drilling

**Comments**

Created By	Comment	Comment Date
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There are no Comments for this Permit