

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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 253354 WELL API NUMBER 30-015-43979 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name LOBO 285 STATE SWD																																																																
SUNDRY NOTICES AND REPORTS ON WELLS (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 9811 Katy Freeway, Suite 900, Houston, TX 77024		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>A</u> : <u>330</u> feet from the <u>N</u> line and feet <u>1310</u> from the <u>E</u> line Section <u>22</u> Township <u>25S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 2994 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" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">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 <u>2/19/2018</u> Spudded well.																																																																		
Casing and Cement Program <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>02/23/18</td> <td>Surf</td> <td></td> <td>26</td> <td>20</td> <td>94</td> <td>K55</td> <td>0</td> <td>585</td> <td>940</td> <td>1.74</td> <td>C</td> <td></td> <td>1000</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/23/18</td> <td>Int2</td> <td></td> <td>12.25</td> <td>9.875</td> <td>62.8</td> <td>Q125</td> <td>0</td> <td>10584</td> <td>2020</td> <td>1.18</td> <td>H</td> <td></td> <td>5000</td> <td>0</td> <td></td> </tr> <tr> <td>03/02/18</td> <td>Int1</td> <td></td> <td>17.5</td> <td>13.375</td> <td>68</td> <td>K55</td> <td>0</td> <td>2620</td> <td>1570</td> <td>2.18</td> <td>C</td> <td></td> <td>1500</td> <td>0</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	02/23/18	Surf		26	20	94	K55	0	585	940	1.74	C		1000	0	N	03/23/18	Int2		12.25	9.875	62.8	Q125	0	10584	2020	1.18	H		5000	0		03/02/18	Int1		17.5	13.375	68	K55	0	2620	1570	2.18	C		1500	0	
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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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Lobo 285 State

Surface Csg: 2/23/18

Drld 26" hole to 585'. Ran 13 jts of 20" 94#, K55, BTC csg & land @ 585'. Cement 20" surface csg w/600 sx Cl C lead cmt mixed at 13.5 ppg, 1.74 yield, followed by tail cmt of 340 sx Cl C cmt mixed @ 14.8 ppg, 1.38 yield. Bumped plug w/1000 psi, bled back & floats held. Circ 285 sx cmt to surf. WOC 24 hrs. Test annular & csg to 1000 psi for 20 min. Held ok.

First Intermediate Csg: 3/2/18

Drld 17-1/2" hole to 2620'. Ran 58 jts 13-3/8", 68#, 855 BTC csg to 2620'. Pumped 40 bbls gel space followed by lead: 1020 sx 12.7 ppg, 2.18 cf/sx, 65% Cl C, 35% Poz, 8% gel, .25#/sx Cello Flake, 5% salt. Tail cmt: 550 sx 1.33 cf/sx, 14.8 ppg, 100% Cl C. Got cmt back @ 300 bbls into displacement, weighed 12.2 ppg. Bumped plug @ 300 psi over displacement pressure. Float held. Had full returns. WOC 24 hrs. Cut 13-3/8" & weld on section A 13-5/8" SOW. Test weld to 1500 psi w/N2. Install VBR in single ram BOP. Test BOP 5000 psi. Good test. Tested csg to 1500 psi w/9# brine. Good test.

Second Intermediate Csg: 3/23/18

Drld 12-1/4" hole to 10,584'. Ran the following: 239 jts 9-7/8" 62.80# Q125 LTC csg. Landed @ 10,584'. Cmt 1st stage: Lead 855 sx lead TXI Lightweight slurry, 11.2#, 2.50 yield. Tail 505 sx Cl H slurry, 15.6#, 1.18 yield. Displace w/520 bbls 10# brine, 20 bbls FW & 220 bbls 10# brine. Bumped plug @ 780 psi, pressured up to 2960 psi & inflated ECP. Floats held. Circ 67 sx to surf. Cmt 2nd stage: Pumped 20 bbls FW spacer & cmt w/Lead 590 sx Cl C, 13.2#, 1.76 yield. Tail Cl C 70 sx 14.8#, 1.33 yield. Displaced w/239 bbls 10# brine. Bumped plug. Circ 64 sx to surf. Test between seals to 5000 psi. Tested good. Test BOP's full body test 250 psi low & 10,000 psi high. Held 15 min. Tested ok. Test both sets of pipe rams, blind rams choke manifold, kill line to 10,000 psi. Tested ok. Test stand pipe, IBOP, pump lines to 7500 psi OK. Test Orbit valve & RCD to 500 psi for 30 min. OK.

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State of New Mexico
Energy, Minerals and Natural Resources
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Comments

Permit 253354

DRILLING COMMENTS

Operator: SOLARIS WATER MIDSTREAM, LLC 9811 Katy Freeway Houston, TX 77024	OGRID: 371643
	Permit Number: 253354
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
rklein	All casing pressure tests must be no less than 30 minutes. Length of casing pressure test on intermediate string of casing is missing.	6/22/2018