

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<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.)		WELL API NO. 30-015-45204
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Solaris Water Midstream, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 907 Tradewinds Blvd, Suite B, Midland, TX 79706		7. Lease Name or Unit Agreement Name Mad Cow SWD
4. Well Location Unit Letter <u>1</u> : <u>2441</u> feet from the <u>South</u> line and <u>1135</u> feet from the <u>East</u> line Section <u>12</u> Township <u>24S</u> Range <u>30E</u> NMPM <u>Eddy</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3535' GR		9. OGRID Number <u>371643</u>
<b>RECEIVED</b> <b>NOV 30 2018</b>		
10. Pool name or Wildcat SWD; Devonian - Silurian		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Request Increase in Inj Volume <input checked="" type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Solaris Water Midstream, LLC requests an increase in the permitted daily injection volume from 30,000 bpd to 40,000 bpd on the Mad Cow SWD #1, Administrative Order SWD-1755.  
 See the attached Engineering Report from Greg Casey, P.E.

Spud Date: 10/13/2018 Rig Release Date:  

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bonnie Atwater TITLE Regulatory Tech DATE 11/28/18

Type or print name Bonnie Atwater E-mail address: bonnie.atwater@solarismidstream.com PHONE: 432-203-9020  
**For State Use Only**

**Accepted For Record**

APPROVED BY: \_\_\_\_\_ TITLE NMOCD DATE 12-10-18  
 Conditions of Approval (if any): \_\_\_\_\_

# ROCKING **R** ENERGY

November 29, 2018

To: Bonnie Atwater - Solaris Regulatory Tech

From: Greg Casey, P. E.



Re: Mad Cow SWD Injection Volume Increase

Solaris Water Midstream is requesting an increase in the permitted daily injection volume from 30,000 bpd to 40,000 bpd at their Mad Cow SWD location. With a maximum allowable injection pressure of 3,284 psi and a formation that is underpressured, Solaris will be able to inject this volume without exceeding the maximum allowable injection pressure for the injection well. The well will also be equipped with a control system that will limit the injection to a pressure less than the maximum allowable injection pressure. Should the well pressure climb close to the maximum allowed pressure, the system will slow down the injection to prevent the pressure from exceeding the permitted value.

## Summary

The Mad Cow SWD can inject the requested 40,000 bpd volume at an injection pressure that is less than the permitted maximum injection pressure and is equipped with safeguards to prevent injection above the permitted maximum pressure.