

Submit a 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

WELL API NO.	30-015-45072
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Mobley SWD	
8. Well Number 1	
9. OGRID Number 371643	
10. Pool name or Wildcat SWD; Devonian - Silurian	

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: Oil Well ☐ Gas Well ☐ Other SWD ☐

2. Name of Operator
Solaris Water Midstream, LLC

3. Address of Operator
9651 Katy Freeway, Suite 400, Houston, TX 77024

4. Well Location
 Unit Letter C : 225 feet from the North line and 2460 feet from the East line
 Section 19 Township 23 S Range 30 E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,065' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: casing repair <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date

Solaris Water Midstream is giving notice of intent and requesting approval for a casing repair on the above captioned well. Please see attached informaion.

Spud Date:

10/18/2018

Rig Release Date:

01/09/2019

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

SIGNATURE Melody Chappell TITLE Land Tech DATE 04/04/2024Type or print name Melody Chappell E-mail address: melody.chappell@ariswater.com PHONE: 832-304-7003**For State Use Only**

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

SOLARIS MIDSTREAM**Mobley SWD #1
WELLBORE DATA SHEET**

FIELD: SWD
 WELL: Mobley SWD #1
 LOCATION: Section 19, T23S - R30E, UL C, Eddy Co, NM
 API: 30-015-45072
 OBJECTIVE: DEVONIAN SWD

TOTAL DEPTH: 16,500'
 SURF. LOC'N: 225' FNL & 2,460' FWL
 BTM. HOLE LOC'N: Same As Above
 SURFACE ELEV.: 3,065'
 KB ELEV.: 3,091' 26' KB

MUD LOGGING E LOGGING/ DIRECTIONAL	CASING SIZE (IN.)	RKB DRILL DEPTH	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRAC GRAD
Ground Level	RKB	MD 26 ft				
	GL ELEV.	3,065'		26"		
20", 94#, J-55, BTC		400 ft / 400 ft	1,060 sks - Circ to surface			
Mud Logging to begin @500'			9-7/8" Casing Leak @ 985'	17-1/2"		
Innovex DV Tool & ECP @ 3,177' Top / 3,197' Bottom		3,210 ft	B/Salt			
13 3/8", 68#, N-80, BTC		3,276 ft / 3,276 ft	2,050 sks - Circ to surface			
		3,339 ft	Delaware Lime			
		4,160 ft	Cherry Canyon			
		7,072 ft	Bone Spring	12-1/4"		
		10,373 ft	Wolfcamp			
7-5/8" Halliburton Versaflex Liner Hanger		10,469 ft / 10,469 ft	7-5/8", 39.0#, HCP-110, EZGO FJ3 - Tie into 9-7/8" x 7-5/8" Liner Top - 10,469' to Surface Cement to surface - Proposed 345 sks (930.3 cu. ft.)			
9 7/8", 62.80#, HCP-110, LTC		11,035 ft / 11,035 ft	1,705 sks - Circ to surface both stages			
DV Tool at +/- 3,500' in 9 7/8" string, in open hole, ECP below			<u>Injection Tubing Data</u> 5", 18.0#, HCP-110, EZGO FJ3-SWD, IPC - Surface' - 12,767' 3-1/2", 9.3#, HCP-110, EZGO FJ3-SWD, IPC - 12,767' - 15,130'			
		12,288 ft	Strawn			
		12,512 ft	Atoka			
5-1/2" Halliburton Versaflex Liner Hanger		12,967 ft / 12,967 ft				
7 5/8", 39#, Q-125, EZGO FJ3		13,136 ft 13,300 ft / 13,300 ft	210 sks - Circ to surface			
				8-1/2"		
			<u>Halliburton Permanent Packer</u> Set at 15,143'			
		15,000 ft	Woodford			
		15,135 ft	Devonian			
5-1/2", 23#, P-110, EZGO FJ3		15,179 ft / 15,179 ft	155 sks - Circ to surface			
				6 1/2"		
		TC 16,500' / 16,500'	TD at Ordovician			



April 4, 2024

Re: Workover NOI - Casing Repair
Mobley SWD #1
30-015-45072
Property Code - 321624
Eddy Co., NM

To Whom It May Concern:

Solaris Water Midstream is giving notice of intent and requesting approval for a casing repair on the above captioned well. The leak was discovered during the course of the previously approved tubing repair NOI. A drilling rig was mobilized to location with hydraulic BOPs and the existing injection tubing was pulled out of the hole, leaving the permanent packer in place. Testing via a test packer on drill pipe was conducted and isolated the leak to ~985' inside of the 9-7/8", 62.80#, HCP-110, LTC casing. Solaris proposes running 7-5/8", 39.0#, HCP-110, EZGO FJ3 casing to surface with the bottom of the casing stung into the existing 9-7/8" x 7-5/8" liner top utilizing a landed seal assembly at 10,469'. The 7-5/8" casing will be cemented to surface with 270 sks (835.3 cu/ft.) of Class "C" and 75 sks (95 cu/ft.) of Class "H" as shown in the attached cement proposal.

After the repair, work will proceed as per the originally approved workover NOI, but swapping the 5-1/2" portion of the injection string to 5" as outlined below.

Casing float equipment will be drilled out. A new injection tubing string will be ran consisting of 5", 18#, P-110, EZGO FJ3, IPC by 3-1/2", 9.30#, HCP-110, EZGO FJ3-SWD with the crossover being placed approximately 200' above the 7-5/8" x 5-1/2" liner top as noted on the WBD but may change slightly with final tubing tally. A new MIT will be called out and performed after the workover to ensure wellbore integrity. A current, proposed casing repair, and proposed final installation wellbore diagram are attached for reference.

Thank you.

Sincerely,

Christopher Giese
Drilling Engineer
chris.giese@ariswater.com

3300 N. A St., Building 6, Unit 120, Midland, TX 79705
432.203.9020

SOLARIS MIDSTREAM**Mobley SWD #1
WELLBORE DATA SHEET**

FIELD: SWD
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 BTM. HOLE LOC'N: Same As Above
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MUD LOGGING E LOGGING/ DIRECTIONAL	CASING SIZE (IN.)	RKB DRILL DEPTH	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRAC GRAD
Ground Level	RKB	MD 26 ft				
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20", 94#, J-55, BTC		400 ft / 400 ft	1,060 sks - Circ to surface			
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Innovex DV Tool & ECP @ 3,177' Top / 3,197' Bottom		3,210 ft	B/Salt			
13 3/8", 68#, N-80, BTC		3,276 ft / 3,276 ft	2,050 sks - Circ to surface			
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9 7/8", 62.80#, HCP-110, LTC		11,035 ft / 11,035 ft	1,705 sks - Circ to surface both stages			
DV Tool at +/- 3,500' in 9 7/8" string, in open hole, ECP below			Injection Tubing Data No injection tubing in hole.			
		12,288 ft	Strawn	8-1/2"		
		12,512 ft	Atoka			
5-1/2" Halliburton Versaflex Liner Hanger		12,967 ft / 12,967 ft				
7 5/8", 39#, Q-125, EZGO FJ3		13,136 ft	Morrow Ls			
		13,300 ft / 13,300 ft	210 sks - Circ to surface			
				8-1/2"		
			Halliburton Permanent Packer Set at 15,143'			
		15,000 ft	Woodford			
		15,135 ft	Devonian			
5-1/2", 23#, P-110, EZGO FJ3		15,179 ft / 15,179 ft	155 sks - Circ to surface			
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TC		16,500' / 16,500'	TD at Ordovician			

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DV Tool at +/- 3,500' in 9 7/8" string, in open hole, ECP below			<u>Injection Tubing Data</u> No injection tubing currently in hole.			
			<u>Packer Data</u> Halliburton BWS Permanent 5-1/2" x 2-7/8" COE @ 15,134'	8-1/2"		
		12,288 ft	Strawn			
		12,512 ft	Atoka			
5-1/2" Halliburton Versaflex Liner Hanger		12,967 ft / 12,967 ft				
7 5/8", 39#, Q-125, EZGO FJ3		13,136 ft	Morrow Ls			
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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

CONDITIONS

Action 330075

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 330075
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Condition of Approval: Make sure that the circulated cement to the surface maintains a density value between the density of the lead and tail cement for the segment of the casing. The spacing mud used in the cementing operation should be designed to allow maximum placement of cement in the annulus. The operator shall conduct an injection survey after 6 months of injection and submit the result to OCD.	4/8/2024