

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. 30-015-45072
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD		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 9651 Katy Freeway, Suite 400, Houston, TX 77024		7. Lease Name or Unit Agreement Name Mobley SWD
4. Well Location Unit Letter <u>C</u> : <u>225</u> feet from the <u>North</u> line and <u>2460</u> feet from the <u>East</u> line Section <u>19</u> Township <u>23 S</u> Range <u>30 E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,065' GR		9. OGRID Number 371643
		10. Pool name or Wildcat SWD; Devonian - Silurian

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"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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 has completed the workover on the above captioned well, finished with a successful bradenhead and MIT test on 04.18.2024. As per the originally approved workover NOI, a rig with hydraulic BOPs was used to pull the injection tubing string, leaving the existing permanent packer in place with COE @ 15,134'. A casing leak was subsequently discovered at approximately 985' inside of the 9-7/8", 62.80#, HCP-110, LTC casing. Solaris submitted a C-103G for the repair and received approval. Solaris ran 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 was cemented to surface with 280 sks (835.3 cu/ft.) of 11.0 ppg Class "C" and 75 sks (95 cu/ft.) of 15.0 ppg Class "H" as per the previously submitted cement proposal. The spacer ahead of the cement was gelled with 2.5 ppb LCM to help mitigate any losses to the casing leak. The cement job was successful, circulating 20 bbls of spacer and 24 bbls of cement to surface with a weight of 11.2 ppg with full returns throughout the job.

A new injection tubing string was ran consisting of 12,764' of 5", 18#, P-110, EZGO FJ3, IPC and 2,373' of 3-1/2", 9.30#, HCP-110, EZGO FJ3-SWD with the crossover being placed 203' above the 7-5/8" x 5-1/2" liner top as noted on the WBD. A new MIT and bradenhead test was called out and successfully performed after the workover to ensure wellbore integrity. A final installation wellbore diagram and packer diagram are attached for reference.

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 Lauren N. Bean TITLE Sr. Engineering Tech DATE 04/29/2024

Type or print name Lauren N. Bean E-mail address: lauren.bean@ariswater.com PHONE: 281-732-8785

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 5/23/24

Conditions of Approval (if any):

**HALLIBURTON****Company**

SOLARIS

Well Name

MOBLEY SWD 1

Company Rep. MIKE ORTIZ

County, State

EDDY / NM

Field Rep. Jose Vargas

18-Apr-24

**Proposed Installation**

Installation	Length	Depth	Jts.	Description	OD	ID
KB 23.65						
	1.01	1.01		HANGER BOWL		
	30.00	30.00	1	5"18# P-110 CASING (FJ3 CONNECTION)	5.000	4.276
	3.72	33.72	PUP	5"18# P-110 CASING (FJ3 CONNECTION)	5.000	4.276
	1.68	35.40	PUP	5"18# P-110 CASING (FJ3 CONNECTION)	5.000	4.276
	12,720.65	43.80	341	5"18# P-110 CASING (FJ3 CONNECTION)	5.000	4.276
	0.83	12,764.45	1	3.5" x 5" CSING XOVER		
	2,373.05	12,765.28	76	3.5" 8.81# L-80 CASING (FJ3 CONNECTION)	3.500	2.980
	8.40	15,138.33		3.5" FJ3 XOVER	5.020	2.980
	0.81	15,146.73		LOCATOR (TOP OF PACKER)		
		15,130.94				
	2.73	15,133.67		" 20-26# bws PERMANENT PACKER/	2.950	
	9.38	15,143.05		SEAL BORE EXTENSION 3"; 3-5/8" -10 UN S PIN XPIN	3.770	2.600
	8.47	15,151.52		8" TUBING SUB; 22875" 8RD EUE BX P; L-80	2.910	2.441
	1.5	15153.02		2.313 'XN NIPPLE WITH 2.205 NO-GO; SN 0004161364	3.220	2.205
	0.58	15153.6		PART# 101289572		
				P.O.P. ; SN 0003938737-1	3.670	2.441
				15153.6 <<<<<<<End of tool		
				300k pick up - 280k slack off		
				65K ON PACKER AND 215K ON WELLHEAD HANGER		





April 26, 2024

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

To Whom It May Concern:

Solaris Water Midstream has completed the workover on the above captioned well, finished with a successful bradenhead and MIT test on 04.18.2024. As per the originally approved workover NOI, a rig with hydraulic BOPs was used to pull the injection tubing string, leaving the existing permanent packer in place with COE @ 15,134'. A casing leak was subsequently discovered at approximately 985' inside of the 9-7/8", 62.80#, HCP-110, LTC casing. Solaris submitted a C-103G for the repair and received approval. Solaris ran 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 was cemented to surface with 280 sks (835.3 cu/ft.) of 11.0 ppg Class "C" and 75 sks (95 cu/ft.) of 15.0 ppg Class "H" as per the previously submitted cement proposal. The spacer ahead of the cement was gelled with 2.5 ppb LCM to help mitigate any losses to the casing leak. The cement job was successful, circulating 20 bbls of spacer and 24 bbls of cement to surface with a weight of 11.2 ppg with full returns throughout the job.

A new injection tubing string was ran consisting of 12,764' of 5", 18#, P-110, EZGO FJ3, IPC and 2,373' of 3-1/2", 9.30#, HCP-110, EZGO FJ3-SWD with the crossover being placed 203' above the 7-5/8" x 5-1/2" liner top as noted on the WBD. A new MIT and bradenhead test was called out and successfully performed after the workover to ensure wellbore integrity. A final installation wellbore diagram and packer diagram are attached for reference.

Thank you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Christopher Giese".

Christopher Giese  
Drilling Engineer  
[chris.giese@ariswater.com](mailto:chris.giese@ariswater.com)

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







# CALIBRATION CERTIFICATE

Cert Date; 3/18/2024  
Due Date: 3/18/2025

Customer: MAN WELDING  
Model: RECORDER 8"  
serial: 06026

This is to certify that this instrument has been inspected and tested against ADDITEL Digital Gauge ADT680-GP30K, SN: 218183B0028 Calibrated (03/30/2023) Due Date (03/30/2025) Reference Standard used in this calibration are traceable to the SI Units through NIST. This calibration is compliant to ISO/IEC 17025:2017 and ANSI/NCSL Z540-

This instrument is certified to be accurate within +/- 1% of Full Scale

Input Type/ Range: 1000#		Color:RED	
Pen Number: 2			
Descending			
Applied:	Reading:	Applied:	Reading:
0	0	999	1000
199	200	798	800
499	500	498	500
798	800	199	200
999	1000	0	0

2031 TRADE DR.  
MIDLAND, TX 79706  
(432) 697-7801 (432) 520-3564

Technician: Susanna Y Lopez

**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			
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' - 12,764' 3-1/2", 9.3#, HCP-110, EZGO FJ3-SWD, IPC - 12,764' - 15,138'			
		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> COE set at 15,1.			
		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			

**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

CONDITIONS

Action 338665

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 338665
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	5/23/2024