

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

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-44265
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input 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 Iceman ST SWD
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>17</u> Township <u>23 S</u> Range <u>27 E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 371643
10. Pool name or Wildcat SWD; Devonian		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☒
 OTHER: Workover ☒

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 has performed the workover of the above captioned well, finished with a successful bradenhead and MIT tests on 10/12/2023 (Please see attachments).

Spud Date:

Rig Release Date:

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 10/19/2023

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Iceman SWD #1 - Post Workover Report

Solaris has performed the workover of the above captioned well, finished with a successful bradenhead and MIT tests on 10/12/2023. After rigging up on the well and installing hydraulic BOPs, the string was picked up but found to be parted at 20' below the tubing head. The injection tubing string was latched onto with an overshot and the string was found to be parted again at 4,350'. Two fishing attempts were made in an attempt to release the AS1-X packer or release the on/off tool such that the remainder of the injection tubing string could be pulled out of the hole but were unsuccessful. A free point log was then ran which found the injection tubing string to be 90% free at the first tubing collar about the packer.

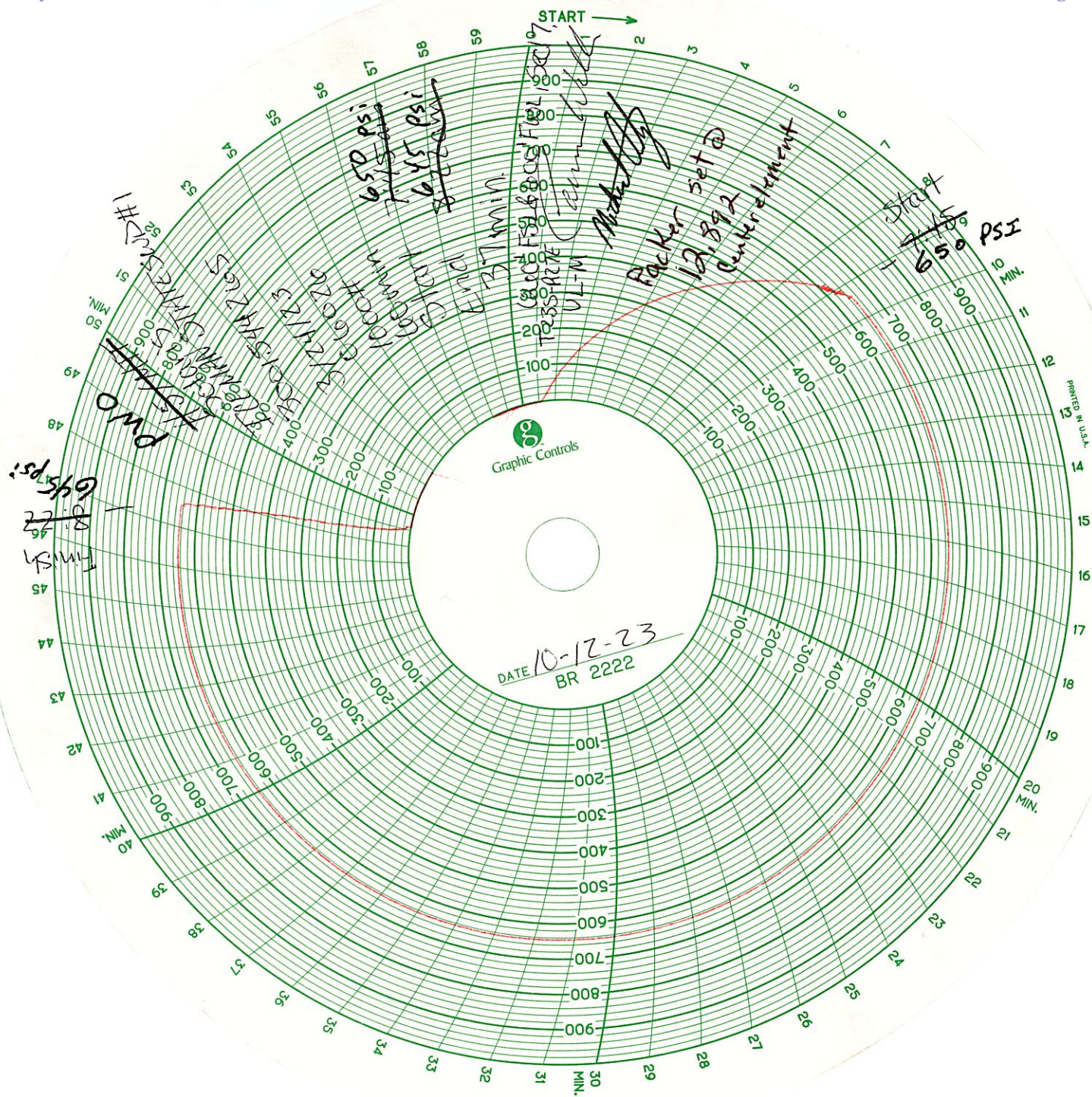
An internal hydraulic cutter was ran on a work string inside of the injection string and a cut attempted inside of the 5-1/2" injection tubing above the crossover. After the cut, two attempts were made with an overshot to pull the cut piece out of the hole without success.

A second attempt was made with an internal hydraulic cutter. Two overshot attempts were made trying to free the cut piece or release the packer; the first was unsuccessful but on the second attempt the injection string came free. After laying down the injection string it was found that the threads jumped out of the connection between the crossover from the injection string to the on/off tool.

After pulling the injection tubing out of the hole, a final attempt was made to fish the packer out of the hole without success. Subsequently, the hole was filled with fresh water (via bullheading) and an RBP set on wireline 20' above the existing packer. A positive pressure test was performed to 740 psi for 35 min, good test. A negative test was then performed overnight for 13 hours with 0 psi pressure gain with 8.4 ppg fresh water in the hole (11.6 ppg kill weight fluid was needed in previous days to kill the well). The RBP was released and retrieved to surface with no issue. A permanent packer was then ran on wireline with a center element set depth of 12,893' which is 81' above the top of the injection interval and within the allowed 100' window.

A new injection tubing string was then ran as shown on the provided WBD, 5-1/2", 20#, P-110, BTC, GRE by 4-1/2", 13.5#, L-80, EZGO HTGT, IPC. The injection tree was nipped up followed by a good bradenhead and MIT tests performed on 10/12/2023.

Christopher Giese
Drilling Engineer
Solaris Midstream





CALIBRATION CERTIFICATE	
Cert Date;	3/24/2023
Due Date:	3/24/2024

Customer:	MAN WELDING
Model:	TECH CAL 8"
serial:	06026

This is to certify that this instrument has been inspected and tested against ADDITEL Digital Gauge ADT680-GP30K, SN: 218183B0028 Calibrated (04/05/2022) Due Date (04/05/2023) 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

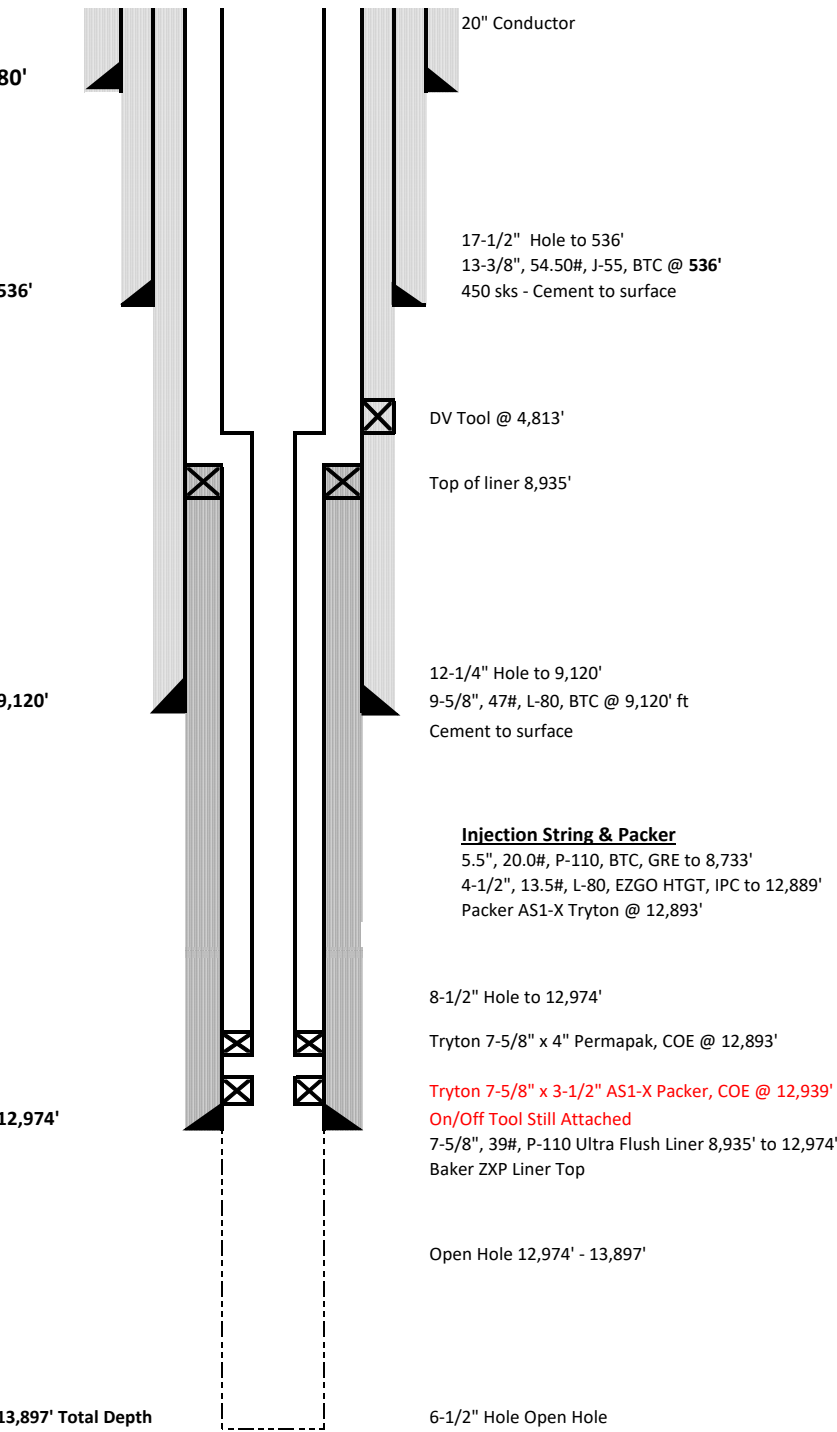
Input Type/ Range: 1000#		Color: Red	
Pen Number: 2			
Descending			
Applied:	Reading:	Applied:	Reading:
0	0	1006	1000
201	200	805	800
503	500	504	500
804	800	201	200
1006	1000	0	0

0

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

Technician: Suanna Lopez

Iceman State SWD #1
660' FSL & 660' FWL, UL M, Sec. 17, T23S-R27E, Eddy County, NM
API # 30-015-44265



Geologic Tops:

Lamar lime	1,925
Delaware Sand	2,100
Bone Spring	5,327
Wolfcamp	8,855
Strawn	10,620
Atoka	10,999
Miss. Lime	12,600
Devonian	12,900

cwg 2023.10.19

Final Installation



People. Products. Performance.

Company Solaris			Customer Reference:		TUBULAR	SIZE	WEIGHT	GRADE	THREAD	DEPTH
Prepared for Mike Ortiz		Telephone 432-664-6483	Well Name: Iceman State SWD #1		SURFACE	13 3/8"	68.00 lb/ft	J-55	BTC	0'-536'
Serviceman Alfonso Barron Jr.		Telephone 432-631-6873			CASING	9 5/8"	47.00 lb/ft	HCL-80	BTC	0'-9120'
Service Center Midland, Texas		Telephone	Date: 12-Oct-23	Page:	LINER	7 5/8"	39.00 lb/ft	Q-125	Liberty FJ	8935'-12974'
					OPEN HOLE	6 1/2"	N/A	N/A	N/A	12974'-13897'
					TUBING	5 1/2"	20.00 lb/ft	P-110 FG	BTC	0-8732'
					TUBING	4 1/2"	13.5# 12.6#	L-80 IPC	HTGT EZ GO	8733-12888'
Depth	Drawing	Description					OD(in.)	ID(in.)	Length (ft.)	
		Additional Notes: PermaPac was set on wireline @ 12892 to CE wireline depth. 4 1/2" joints were torqued up to 7000 ft/lb 5 1/2" jts were torqued to position by thread tech and drifted w/ 4.15" od drift and seals were installed. 260k up 250k Down All weights per rig weight indicator 55k compression on packer. Well was circulated w/ 780 bbls of fresh water treated w/ packer fluid and KCL.								
		KB					N/A	N/A	26.5'	
		Hanger and Pin x Pin Top of hanger 5 1/2" Acme Below 5 1/2" BTC					11.00"	5.00"	2.80'	
		1 Jt of 5 1/2" BTC P-110 Fiber Glass Lined 20.00 lb/ft					5.50"	4.778"	41.38'	
		10' Pup Jt of 5 1/2" BTC P-110 Fiber Glass Lined 20.00 lb/ft					5.50"	4.778"	10.00'	
		8' Pup Jt of 5 1/2" BTC P-110 Fiber Glass Lined 20.00 lb/ft					5.50"	4.778"	8.03'	
		215 Jts of 5 1/2" BTC P-110 Fiber Glass Lined 20.00 lb/ft					5.50"	4.778"	8644.11'	
Top of XO @ 8,732.82'		5 1/2" BTC Box x 4 1/2" HTGT EZ GO Pin Stainless Steel Crossover					6.15"	4.00"	0.97'	
7 5/8" Liner @ 8,935'		64 Jts of 4 1/2" HTGT EZ GO L-80 IPC 12.60 lb/ft					4.50"	3.958"	2719.59'	
		43 Jts of 4 1/2" HTGT EZ GO L-80 IPC 13.50 lb/ft					4.50"	3.92"	1435.28'	
Top of XO @ 12,888.66'		4 1/2" HTGT EZ GO Box x 5" BTC Pin 17-4 Stainless Steel Crossover					5.00"	4.00"	1.05'	
CE @ 12,892.64'		5" 18# Locator Seal Assembly w/ BTC box connection half muel shoe S.S.					5.57"	3.00"	8.90'	
Bottom of Seal Assembly @ 12,899.67'		Centralizer 6.20" OD Seal Assembly 4.00" OD					6.25"	4.00"	3.45'	
		7 5/8" 24-39# x 4" ID PermaPac w/ Carbide Slips 17-4 S.S. Flow Wetted Nickel Coated Non Flow Wetted, Ecner-Array, Aflas Elements								
Top of XO @ 12,903.65'		10' Seal Bore Extension, 17-4 Stainless Steel					5.59"	4.00"	9.43'	
		Crossover/Adapter w/ 4.688" 8 Stub Acme Box x 3 1/2" EUE Pin Stainless Steel 17-4					5.28"	3.00"	.66'	
Top of X @ 12,910.36'		6' x 3 1/2" J-55 Nickel Plated EUE Pup					3.50"	3.00"	6.05'	
		3 1/2" x 2.81" X Profile Nipple 17-4 Stainless Steel					4.50"	2.81"	1.03'	
Top of XN @ 12,917.43'		6' x 3 1/2" J-55 Nickel Plated EUE Pup					3.50"	3.00"	6.04'	
		3 1/2" x 2.81" XN Profile Nipple 17-4 Stainless Steel (No-Go)					4.50"	2.698"	1.04'	
EOT @ 12,920.46'		3 1/2" Nickel Plated Dual Burst Disc 10k up 10k down					4.20"	3.00"	1.41'	
Open Hole 12,974'-13,897'		3 1/2" Nickel Plated Wireline RE-Entry Guide					4.50"	3.00"	.58'	

Released to Imaging: 8/12/2024 3:35:33 PM

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Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

CONDITIONS

Action 277518

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 277518
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	8/12/2024