Office District I – (575) 393-6161 Energy,	State of New Mexico	Form <i>C-</i> 303 o
1625 N. French Dr., Hobbs, NM 88240	, Minerals and Natural Resources	Revised July 18, 2013 WELL API NO.
<u>District II</u> – (575) 748-1283	ONSERVATION DIVISION	30-015-44866
511 S. 1 list St., Altesia, 1411 65210	220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE X 6. State Oil & Gas Lease No.
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Sumu 1 0, 1 (1) 2 0 / 2 0 0	0. State Off & Gas Lease No.
SUNDRY NOTICES AND RE (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL		7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PE PROPOSALS.)		Johelen SWD
1. Type of Well: Oil Well Gas Well	Other SWD	8. Well Number 1
2. Name of Operator Solaris Water Midstream, LLC		9. OGRID Number 371643
3. Address of Operator		10. Pool name or Wildcat
9651 Katy Freeway, Suite 400, Houston, TX 7	77024	SWD; Devonian
4. Well Location Unit Letter N : 975 feet fro	om the South line and 2373	feet from the <u>West</u> line
	ownship 26 S Range 26 E	NMPM County Eddy
	on (Show whether DR, RKB, RT, GR, etc.	3 3
3,245' G		
NOTICE OF INTENTION PERFORM REMEDIAL WORK PLUG AND TEMPORARILY ABANDON CHANGE PI PULL OR ALTER CASING MULTIPLE OF DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: 13. Describe proposed or completed operation of starting any proposed work). SEE RUI proposed completion or recompletion.	ABANDON REMEDIAL WORL LANS COMMENCE DR COMPL CASING/CEMEN OTHER: as. (Clearly state all pertinent details, and	ILLING OPNS. P AND A IT JOB d give pertinent dates, including estimated date
Solaris Water Midstream has completed the MIT test on 05.17.2023. This original wo formation and packer, and perform a single proposed wellbore diagram are attached for attached cover letter.	orkover was planned to repair a suspected le positive/negative casing test since this	is a newly acquired well. A current and
MIT test on 05.17.2023. This original wo formation and packer, and perform a singl proposed wellbore diagram are attached for attached cover letter. Spud Date: 04/21/2018	orkover was planned to repair a suspected le positive/negative casing test since this or reference and a more detailed explanation. Rig Release Date: 05/23/2018	I tubing leak, set an RBP to isolate the is a newly acquired well. A current and tion of the workover can be found in the
MIT test on 05.17.2023. This original wo formation and packer, and perform a singl proposed wellbore diagram are attached for attached cover letter.	orkover was planned to repair a suspected le positive/negative casing test since this or reference and a more detailed explanation. Rig Release Date: 05/23/2018	I tubing leak, set an RBP to isolate the is a newly acquired well. A current and tion of the workover can be found in the
MIT test on 05.17.2023. This original wo formation and packer, and perform a singl proposed wellbore diagram are attached for attached cover letter. Spud Date: 04/21/2018 I hereby certify that the information above is true a	Rig Release Date: 05/23/2018	I tubing leak, set an RBP to isolate the is a newly acquired well. A current and tion of the workover can be found in the ge and belief. DATE_04/02/2024

		11			- DI
Metal One Corporation	GEOCON		Page		- BL
11.110			Date	7-May	<i>y</i> -19
Metal One	COUPLING OD				
	CONNECTION DATA	A SHEET	Rev.	N-	1
	Coorporation				
	Geometry	<u>Imperia</u>	<u>l</u>	<u>S.I.</u>	
	Pipe Body				
	Grade	P110		P110	
	Pipe OD (D)	5 1/2	in	139.70	mm
GEOCONN-SC	Weight	20.00	lb/ft	29.76	kg/m
	Wall Thickness (t)	0.361	in	9.17	mm
	Pipe ID (d)	4.778	in	121.36	mm
.ı ı. t	Drift Dia.	4.653	in	118.19	mm
1					
	Connection				
\$	Coupling OD (Wsc1)	6.050	in	153.67	mm
	Coupling Length (NLG)	8.350	in	212.09	mm
5	Make up Loss	4.125	in	104.78	mm
	Pipe Critical Area	5.825	in ²	3,758	mm ²
5	Box Critical Area	6.102	in ²	3,937	mm ²
	Thread Taper	1	/ 16 (3/	/4" per ft)	
5	Number of Threads		5 7	ГРІ	
	Performance Properties	for Pipe Body	,		
	S.M.Y.S.	641	kips	2,850	kN
NLG Z	M.I.Y.P.	12,640	psi	87.0	MPa
<u> </u>	Collapse Strength	11,100	psi	76.5	MPa
	Note S.M.Y.S.= Specifi	ed Minimum YIE	LD Stre	ngth of Pipe boo	dy
	M.I.Y.P. = Minim	um Internal Yield	d Pressu	re of Pipe body	
d	Performance Properties	for Connection	n .		
	Min. Connection Joint Strength	TOT GOTHIOGEN		of S.M.Y.S.	
	Min. Compression Yield			of S.M.Y.S.	
Wsc1	Internal Pressure			of M.I.Y.P.	
5	External Pressure			of Collapse St	renath
2	Max. DLS (deg. /100ft)			90	J
	· · · · · · · · · · · · · · · · · · ·				
2	Pagammandad Taraua				
	Recommended Torque Min.	14 600	ft lb	10.700	Nm
	Opti.	14,600 16,200	ft-lb ft-lb	19,700 21,900	N-m N-m
	Max.	17,800	ft-lb	24,100	N-m
1 1	Operational Max.	19,500	ft-lb	26,400	N-m
	Note : Operational Max. to				
	Connection Yield Torque	22,900	ft-lb	31,000	N-m
		,			<u> </u>

Legal Notice

The use of this information is at the reader/user's risk and no warranty is implied or expressed by Metal One Corporation or its parents, subsidiaries or affiliates (herein collectively referred to as "Metal One") with respect to the use of information contained herein. The information provided on this Connection Data Sheet is for informational purposes only, and was prepared by reference to engineering information that is specific to the subject products, without regard to safety-related factors, all of which are the sole responsibility of the operators and users of the subject connectors. Metal One assumes no responsibility for any errors with respect to this information.

Statements regarding the suitability of products for certain types of applications are based on Metal One's knowledge of typical requirements that are often placed on Metal One products in standard well configurations. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application

The products described in this Connection Data Sheet are not recommended for use in deep water offshore applications. For more information, please refer to http://www.mtlo.co.ip/mo-con/_images/top/WebsiteTerms_Active_20333287_1.pdf the contents of which are incorporated by reference into this Connection Data Sheet.

C	a	te	
L)a	te	

4/24/2023

Bill to:

Ticket Number Location

Midland

11410875

Cementer: TOM ATKINSON



Company	Solaris Midstream		Well Name	Johelen SWD #1		
County	Eddy	State	New Mexico		Rig	TBD
lob Type	Liner	Casing Size	9 5/8	Casing Depth	13168	
Description	Quantity	Unit Cost	Units	Gross Amount		Net Amount
Pump Charge 13001' to 14000'	1			\$18,565.0)	\$8,168.60
Pump Charge - Additional Hours	C	\$2,250.	00 hour	\$0.00)	\$0.00
Reserve Pump Truck	1	\$11,067.	00 each	\$11,067.00)	\$4,869.48
Reserve Pump Truck - Additional Hours	C	\$2,250.	00 hour	\$0.00)	\$0.00
Batch Mixer	1	\$5,600.	00 each	\$5,600.00)	\$2,464.00
Batch Mixer - Additional hours	0	\$940.	00 hour	\$0.00)	\$0.00
HV Mileage	600	\$13.	75 mile	\$8,250.00)	\$3,630.00
LV Mileage	600	\$8.	13 mile	\$4,878.00)	\$2,146.32
Field Storage Bin delivery		\$13.	75 mile	\$0.00)	\$0.00
Field Storage Bin - 3 Days		\$1,970.	00 each	\$0.00)	\$0.00
Tubing Swage		\$415.	00 each	\$0.00)	\$0.00
Data Acquisition	1	\$1,305.	00 each	\$1,305.00		\$574.20
Thickening Time Test, Field Blend	1		00 each	\$2,485.00		\$1,093.40
Diesel Fuel Surcharge	1			\$1,090.00		\$479.60
Circulating Equipment		\$6,825.		\$0.00		\$0.00
Derrick Charge	1			\$3,500.00		\$1,540.00
Top Out Iron			49 ft	\$0.00		\$0.00
Centrifugal Pump	1		00 each	\$1,295.00		\$569.80
centinogai i amp	-	21,293.	oo eacii	\$1,295.00		\$303.00
Barite	126	¢02	53 sack	\$11,797.38	,	ĆF 100 8F
CSG-1	36					\$5,190.85
230-1	30	\$133.	סו ומ	\$4,806.36)	\$2,114.80
Subtotal for Pumping & Equipment Charges				\$74,638.74	1	\$32,841.05
Class H Premium	204	¢C1	10 sacks			
Compass Poz-Mix				\$12,464.40		\$5,484.34
	68		95 sacks	\$2,308.60		\$1,015.78
CPO-18	68		58 sacks	\$2,419.44		\$1,064.55
C-23 High Temp Retarder	49		06 lb	\$2,256.94		\$993.05
CFL-1	117		31 lb	\$8,518.77		\$3,748.26
STE	1,170		58 lb	\$1,848.60		\$813.38
CSA-1000 - Fluid Loss Additive	14	. 8	79 Lb	\$1,327.06		\$583.91
C-49 Expanding Gas Flow Control	59	\$69.	28 lb	\$4,087.52	2	\$1,798.51
		0000000		750 Since		
Fluid Caliper Dye	4		94 Quart	\$1,091.76		\$480.37
DFL-1	15		Ü	\$2,391.30)	\$1,052.17
Sugar	600	6.4	5 lb	\$3,870.00)	\$1,702.80
a vers a						
Materials Handling	365		5 CF	\$1,587.75		\$698.61
Drayage	118,400	0.1	0 sacks x miles	\$12,313.60		\$5,417.98
Subtotal for Materials Charges				\$56,485.74		\$24,853.73
Gross Price Subtotal						\$131,124.48
Discount					56.0%	(\$73,429.71
						2
Pre-tax Total	JU1	en 511	1+4			\$57,694.77
LOCATION	JOICE	7	\$ 117 S	ervice Receipt: I certify	that the materials	

Service Receipt: I certify that the materials and service listed were received and all services performed in a workmanlike manner.

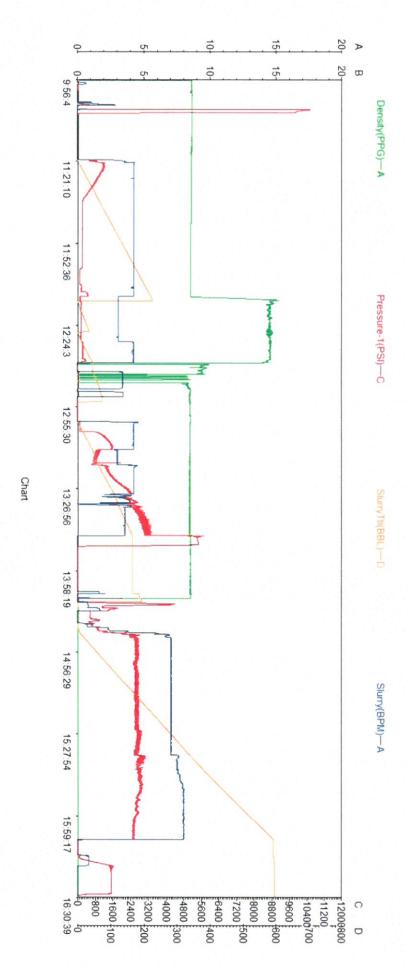
Company Rep: _____

Received by OCD: 4/2/2024 10:05:13 AM Page 4 of 13 **COMPASS JOB LOG** Solaris Midstream Johelen SWD #1 Liner Ticket Number 11410875 PRESSURES PSI FLUID PUMPED DATA RETURNS Time REMARKS DRILL PIPE/ TOTAL STAGE VOLUME ANNULUS FLUID TYPE RETURNS CASING VOLUME PUMPED (BBLS MIN.) (F, P, NR 04/24/23 2:00 CREW CALLED OUT TO ARRIVE ON LOCATION @ 08:00 PRE CONVOY SAFETY MEETING 4:00 4:20 CREW LEAVE YARD 8:00 CREW ARRIVE ON LOCATION, WELLSITE ORENTATION & MEET W/CUSTOMER CASING-7 5/8 39#, P-110 CENT-0 LTWT DP-3.5, 12.95#, 8,357' TD - 13,192 WF-10# BRINE CASED -9 7/8; 0 - 8,678 7 5/8; 8678 - 13,192 PC-9 5/8 47#, L-80 @ 8,678' DV TOOL; SET @ 13,168' 8:45 PRE RIG UP SAFETY MEETING 9:30 RIG UP COMPLETE 10:30 PRE JOB SAFETY MEETING 10:49 START JOB PRIME LINES TO LINER HEAD W/ WATER @ 8.33PPG WATER 10:50 5 4 11:01 3 WATER TEST LINES @10,000 PSI 11:20 1140 200 4 CLC2 PUMP 200 BBLS OF CLC2 @ 10# 100 11:44 224 4 CLC2 CONTINUE PUMPING CLC2 @ 10# 12:07 175 200 4 CLC2 COMPLETE PUMPING CLC2 @ 10# 12:08 204 30 4 SPACER PUMP 30 BBLS WEIGHTED SPACER @ 14# 30 12:16 199 4 **SPACER** COMPLETE PUMPING WEIGHTED SPACER @ 14# 1150 CEMENT 12:16 36 3 F LEAD CEMENT 160 SKS @ 14.5 PPG, 1.27 YIELD, 5.72 GPS 12:19 152 15 3 CEMENT CONTINUE MIXING AND PUMPING LEAD CEMENT 12:26 168 36 3 CEMENT COMPLETE MIXING AND PUMPING LEAD CEMENT 155 12:26 40 CEMENT 4 F PUMP 180 SKS TAIL @ 14.5 PPG, 1.27 YIELD, 5.72 GPS 12:31 140 15 4 CEMENT CONTINUE MIXING AND PUMPING TAILCEMENT 12:38 19 40 4 CEMENT COMPLETE MIXING AND PUMPING TAIL CEMENT 12:38 0 SHUTDOWN/DROP LINER PLUG 13:00 300 167 4 BRINE DISPLACE DRILL PIPE AND CASING 167BBL COMBINED BBLS OF FLUID 45 13:10 893 3 BRINE SLOW RATE TO 3 BPM TO LATCH UP PLUG 13:18 1270 65 4 BRINE F LATCH UP TO CASING PLUG, 770 PSI TO 1894 PSI, INCREASE RATE 13:26 1970 100 4 SPACER AT 100BBL AWAY PUMPED 10 BBL OF WEIGHTED SPACER 13:28 2121 110 4 BRINE AT 110 AWAY PUMPED 57BBL OF BRINE TO LAND PLUG 13:38 3290 147 3.5 BRINE SLOW RATE TO 3 BPM TO LAND PLUG FINAL CIRCULATING 3290PSI 13:45 5290 167 3.5 BRINE BUMP PLUG, 3290 PSI TO 5290 PSI WENT 2000PSI OVER FINAL CIRCULATING PSI 13:49 CHECK FLOATS, 2 BBLS BACK TO TRUCK 0 13:52 HALLIBURTON DROP LINER SET BALL 14:43 4240 2 BRINE BURST LINER DISK @ 7400 PSI, CONTINUE PUMPING 2700 14:45 0.7 BRINE SET LINER PACKER @ 2700 PSI 14:46 0 BRINE SHUTDOWN RIG PULL TEST TO 230K & SLACK TEST TO 60K 14:56 2600 BRINE 512 8 RIG STING OUT & CIRCULATE SPACER WAS CIRCULATED TO SURFACE, 34 BBLS TOTAL CEMENT WAS CIRCULATED TO SURFACE, 2 BBLS TOTAL CIRCULATED OFF TOOL 1580 16:20 CMS TEST LINER TOP & CASING @ 1500 PSI FOR 10 MIN 17:00 PRE RIG DOWN SAFETY MEETING 17:20 PRE CONVOY SAFETY MEETING 17:35 CREW LEAVE LOCATION BC; 167BBL TC; 167BBL 4X4; 145 psi 6x5; 30 psi

Released to Imaging: 9/10/2024 10:48:31 AM

Company				CEMENTING		RY		1.00 9000		
	Solaris Mid	stream	Lease	and Well Num	ber	ohelen S	WD #1			
ype Job	Liner		Bid Pr	epared By	9	teve Stro	omberg	Ti	icket Number 11410875	
OB TYPE	☐ Interm	ediate 🗹 Line	r Production	D ∐PTA		queeze	☐ Surface			
ASING DATA	1									
Size	1	Depth	Grade	Weight	Bbl/Ft F	actor	Cuft/	t Factor	Maximum Pressure	
7 5/8"		8,678-13,192	P-110	39	0.01			r r uctor	Waxiiiaii i ressure	
5 1/2"		0-8351	P-110	20	0.02					
RILL PIPE / 1	TUBING DA	TA						10.000		
Size		Depth	Grade	Weight	Bbl/Ft F	actor	Cuft/I	t Factor	Maximum Pressure	
3 1/2"		8351	IF	12.95	0.00	73				
PEN HOLE D	ATA									10000 100
Size		Depth	Excess %		Bbl/Ft Fa	actor	Cuft/I	t Factor		
PEN HOLE A	NNULUS D	ATA Depth	Excess %		DI-17e					
3126		Бери	Excess %		Bbl/Ft Fa	actor	Cuft/I	t Factor	Maximum Pressure	
DE1/10116.64	61516 AA1111									
Size	SING ANNU	Depth Depth	Grade	Weight	DEI/FA F	set or	C. 4. 11	A Foot	M-1	
9 5/8"		0-8678	L-80	Weight 47	8bl/Ft Fa 0.04		Curt/I	t Factor	Maximum Pressure	
				**	0.04	,,,				
1UD / SPA	CER / CE	MENT DATA						JOB WAT	TER REQUIREMENTS (BBLS)
MUD)			SPACER				Total Mix	Water (Bbls)	4
Туре	Density		Туре		Density	Volu	me / BBLs	Total Spac	er Water (Bbls)	3
BRINE	10	1	Weighted Spacer		14.0		40	Total Disp	Water (Bbls)	1
			315lbs-Bari	te *0.9lbs-CSG-1	*			Total Was	h Up Water (Bbls)	2
								Total Addi	itional Water (Bbls)	
								Safety Fac	tor - 20%	5
								Tank Botto	oms	5
			Spacer 3					-		
				er 3 additives				1		
	LIRRIFS							Total Wat	er Required	36
EMENT SI		Sacks De	ensity Yie	ld cuft/sk	Gal/Sk	E	cess %	Thickenin	g Time	
	e		4.50	1.27	5.72		5.0%		8	
Туре	e	160 1						Gas Flow C	Control * 0.285%C-23 High Ter	пр
Type ead Cement				00 - Fluid Loss Adi	ditive * 4%ST	E U.2700	-43 Expullating			
Type ead Cement 0%Class H Pre etarder * 0.4%	mium * 20%	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10							
Type ead Cement 0%Class H Pre etarder * 0.4% ail Cement	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%			
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retari
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retari
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retard
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retare
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retard
Type ead Cement 0%Class H Pre- etarder * 0.4% hil Cement 0%Class H Pre-	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retard
Type ead Cement D%Class H Pre- etarder * 0.4% ail Cement D%Class H Pre-	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retard
ead Cement 0%Class H Pre- etarder * 0.4% ail Cement	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retard
Type ead Cement D%Class H Pre- etarder * 0.4% ail Cement D%Class H Pre-	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retari
Type ead Cement 0%Class H Pre- etarder * 0.4% hil Cement 0%Class H Pre-	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retar
Type rad Cement 0%Class H Pre retarder * 0.4% nil Cement 0%Class H Pre	mium * 20% 6CFL-1 *	Compass Poz-Mix * 20	%CPO-18 * 0.05%CSA-10 4.50	1.27	5.72		5.0%		Control * 0.06%C-23 High Tem	p Retar

Туре	Dept	th	Manufacturer	Туре		Quantity	Manufacturer
Float Shoe				Centeralize	rs		
Float Collar				Top Plug		1	HALLIBURTON
Stage Tool(s)				Bottom Plus	3		
DV TOOL	13,:	168	HALLIBRTON	Foam Wipe	r Ball		
Liner Hanger	8,3	51	HALLIBRTON				
DISPLACEMENT	FLUID AND VC	LUME				***	
Disp. Fluid Type	BRINE	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Volume (Bbls.)	157	Density (PPG)	10	
Disp. Fluid Type	SPACER		Volume (Bbls.)	10	Density (PPG)	14	
Disp. Fluid Type			Volume (Bbls.)		Density (PPG)		
EQUIPMENT							
Pump Truck Unit #	2186	Bulk 660 Unit #	2013	Bulk 1600 Unit #		PU	
Pump Truck Unit #	2109	Bulk 660 Unit #	2068	Bulk 1600 Unit #		PU	
Batch Mixer Unit #	2185	Bulk 660 Unit #		Bulk 1600 Unit #		PU	
Pressurizer Unit #	1137	Bulk 660 Unit #		Bulk 1600 Unit #		Other	
Employees							
Employee #1	TOM ATKINS	SON	Employee #4	RAFAEL TE	REIO	Employee #7	WYANE ALGER
Employee #2	NOE GARC	IA	Employee #5	BENNIE D	EAN	Employee #8	DAVE SMITH
Employee #3	RONDO WRI	GHT	Employee #6	DAVID WA	ALLS	Employee #9	
Date and Time Reques	sted on Location:	8:	:00 04/24/2	3 Date and Ti	me Arrived on Loc	ation	8:00 04/24/23
maging 9/10/			04/24/2	.5 Date and 11	ine Arrived on Loc	ation:	8:00 04/24/23



Date 4/24/23 Well Name JOHELEN SWD #1 Location EDDY COUNTY NM Country: Operator GARCIA Supervisor ATKINSON Type of Job: LINER Contact Address: Comment



Field Test - Water Analysis Report

	LEASE and WELL#:	SUBMITTED BY:	COMPANY:
	Johelen SWD #1	ATKINSON	Solaris Midstream
Camp Location	Job Type	SO#	Date Recorded
Midland	Liner	11410875	4/24/2023

CEMENT MIX WATER REQUIREMENTS

re 59 oF	3 ppm 59 oF	Item pH Chlorides	Recorded Test Value Units 7 200 ppm	Units	Max. Acceptabl e Limit 6.0 - 8.0 3000 ppm	Max. Acceptabl e Limit Chemicals in the water can cause severe acceleration or retardation shorten thickening time of cement Cond non Will greatly reduce Cement Compressive Strength
500 ppm 3 ppm 59 oF	500 ppm 3 ppm 59 oF	Chlorides	200	ppm	3000 ppm	an shorten thickening time of cemer
3 ppm 59 oF	3 ppm 59 oF	Sulfates	500	ppm	2000 ppm	'ill greatly reduce Cement Compre
59 oF	59 oF	Iron	ω	ppm	300 mg/L	an reduce Cement Compressive
		Temperature	59	유	40-100 °F	gh temps will accelerate; Low to

Completion

MIS	Maria	COMPA	NY	Too	FIELD			LEASE		WELL#	
		Solar				Unknown		Johelen STATE	DATE:	SWD 1	
		Mike (Eddy		NM	DATE.	4/23	3/202
23				SIZE, WT,	GRADE	, & THREA	D	тор @	вот	том @)
	以	CAS	ING	9.625 ,47 L	B,L-80	, BTC		0			835
	O total	LINE	R 1	5.5, 20 LB,	P-110,	GeoComm		8,351			1315
	Mary Control	LINE	R 2	4.5, 13.5 L	B, P-110	D, LTC		13,158	*		1319
		IT	DEPTH	LENGTH	JTS		DES	CRIPTION		I.D.	O.D
	4 11										
	←11								-		
	1										
源一		11	8350.92	11.02	1	Polished E	Bore Tiebacl	Recepticle	e lean lean	7.755	8.31
	10										
											
	000	10	8361.94		1			e Liner Hanger)	6.072	
	i i	9	8383.53	1.92	1	X-OVER -	Vam Top x	5.5, 20 LB, P-110,	GeoComm	4.747	7.90
	No.	-				-					
7.3		8	8385.45	4772.53	108	Liner 5.5.	20 LB. P-11	.0, GeoComm		4.778	5.50
			0303.43	4772.55	100					4.770	3.30
8											
8	3	7	13157.98	1.81	1	X-Over 4.	5, 13.5 LB-	5.5, 20 LB, P-110,	GeoComm	3.906	6.32
		6	13159.79	8.11	1	Liner 4.5,	13.5 LB, P-	110, LTC		3.920	4.50
		5	13167.90	2.87	1	Multi-Stag	ge Tool, 4.5	", 13.5 LB, P-110,	LTC	2.752	
4	7	4	13170.77		1		13.5 LB, P-			3.920	
	6	3	13190.89		1			5", 13.5 LB, P-110	, LTC	4.778	_
		2	13191.49		1	No/Go on				2.434	-
	5	1	12400.00	4.07	1			ets of Seals		3.000	_
		A	13192.00		1	Permaner	nt Packer w	/Seal Bore		4.000	7.67
4	1		13192.00				*** End of	Liner Assembly *	**		
	10.00					Hanger as		ying in hole	34.53		
	2&3										
	1	BLOCK	WGT:		PICK UP W	GT:	SLACK OFF WGT		2 1 11 1	FORM#:	
	5,18			5		206			190		
		WGT. C	ON LATCH:	TYPE LATCH:				PERF:			
	A	NA		NA			I	NA			
			CEMAN:				WGT. & TYPE DR				
			Webb		SALES ORE	DER #:	10	Water Based	OF		
17.74		Odes	ssa, TX			9084575	85	1		1	

Approved by: HCT PASQ Page 1 of 1

Released not marging E9/14/2024/16:48:31 AM Rev. No. 1.0 Rev. Date: 10.APR.18

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March 28, 2024

Re: Post Workover Summary

Johelen SWD #1 30-015-44866

Property Code - 321176

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 05.17.2023. This original workover was planned to repair a suspected tubing leak, set an RBP to isolate the formation and packer, and perform a single positive/negative casing test since this is a newly acquired well. The well has a 7-5/8" permanent packer set at 13,198' with a landed seal assembly. The landed seal assembly was stuck in the packer and parted at the stainless-steel crossover directly above the seal assembly when the injection tubing string was pulled out of the hole. The existing permanent packer has an OD (post expansion) that is equal to the ID of the 7-5/8", 39# casing at 6.625". The max OD of the permanent packer at time of running was 6.25". The OD of the drilled open hole section from 13,278' – 14,310' is 6.50". Given the max ODs of the packer, the fish stuck inside the top of the packer, and the extremely tight tolerances with the open section, we deemed it too risky to attempt to fish out the existing permanent packer. If we chose to mill over the slips of the packer, there is no overshot option due to the tolerances and a spear option is questionable with the fish that sheared off inside of the packer and the unknown condition of the top of the fish.

After the injection tubing string was pulled out of hole, a retrievable bridge plug (RBP) was set directly above the permanent packer and fish to isolate the packer and formation. It was found that the RBP was not holding so it was replaced with a new one. A positive pressure test was performed to 1,200 psi with no pressure loss over 30 min. A negative pressure test was performed with the well building to 1,450 psi over 24 hours, failed test. An RTTS style test packer was ran over key possible failure points in the wellbore with the leak appearing to come from the 7-5/8" liner top. A repair 9-5/8" x 7-5/8" liner top (Halliburton Versaflex) was ran on 2023.01.05 to cover the existing Baker 7-5/8" liner top utilizing a Baker seal assembly to sting into the existing 7-5/8" liner top (installation diagram attached). This repair did not fix the leak as there was 350 psi on the wellbore the next morning on 2023.01.06. A positive pressure test was performed to 1,100 psi for 1 hour, good test. An RTTS style test packer was again used to isolate the pressure/leak source as coming from the 7-5/8" liner itself between the RBP (set directly above the permanent packer and fish) and the newly ran 9-5/8" x 7-5/8" liner top (8,678').

With this data of a leak in the 7-5/8" liner, Solaris pulled the existing RBP and ran a 9-5/8" liner top x 5-1/2" liner (casing) that was stung into the newly ran 7-5/8" permanent packer set directly above the existing fish and permanent packer. The liner was cemented in place with 14.5 ppg Class "H" cement +

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



additives for gas control and corrosion resistance. Two barrels of cement were circulated to surface off the liner top.

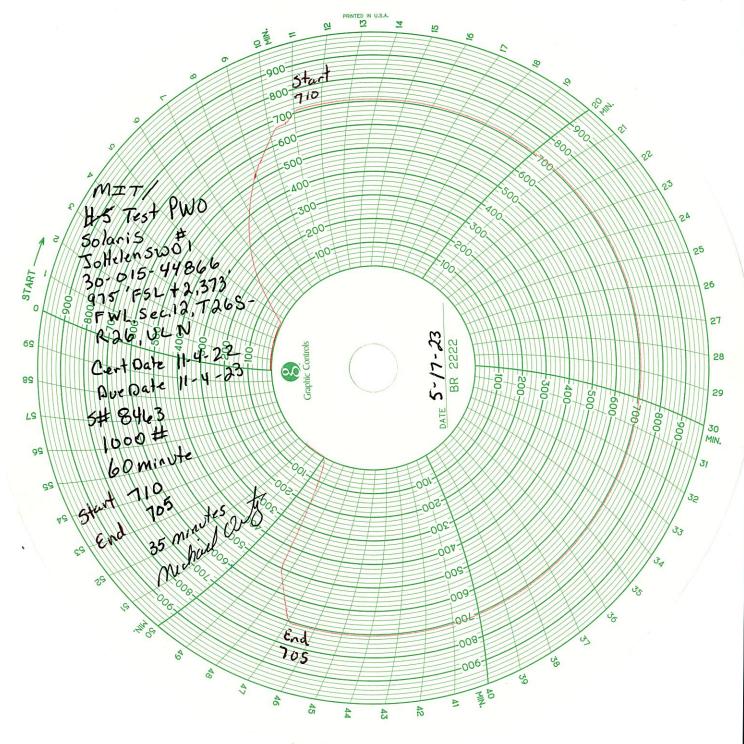
A new permanent injection packer, nickel alloy 925, was ran in hole and set with COE @ 13,121'. Injection tubing was ran in hole as shown on WBD; 5-1/2", 20#, P-110, BTC, GRE from surface to 8,159' and 3-1/2", 9.3#, L-80, EZGO HT-SWD, IPC from 8,159' – 13,119'.

A bradenhead test and MIT were called out and successfully performed on 2023.05.17 to demonstrate wellbore integrity.

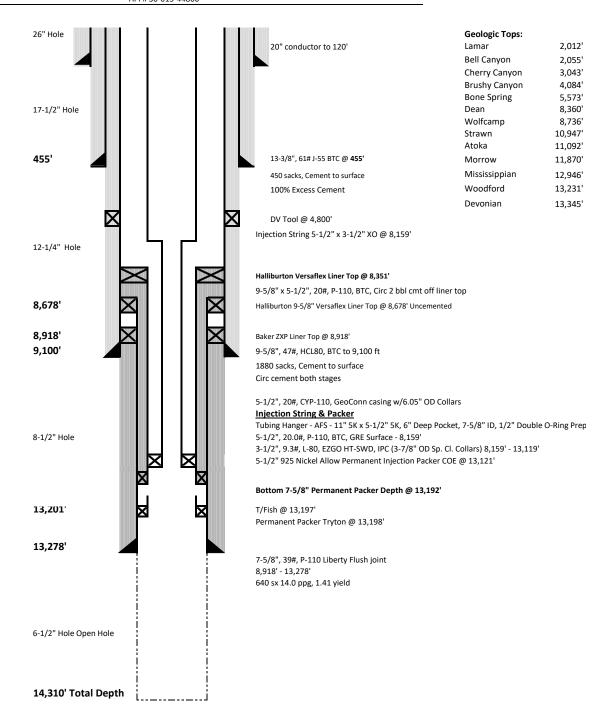
Thank you.

Sincerely,

Christopher Giese Drilling Engineer chris.giese@ariswater.com



Johelen SWD No 1 975' FSL & 2,373' FWL, UL N, SEC. 12, T-26S R-28E, Eddy County, NM API # 30-015-44866



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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 328819

CONDITIONS

Operator:	OGRID:
SOLARIS WATER MIDSTREAM, LLC	371643
9651 Katy Fwy	Action Number:
Houston, TX 77024	328819
	Action Type:
	[C-103] Sub. Workover (C-103R)

CONDITIONS

Created By		Condition Date
kfortner	None	9/10/2024