District I	State of New Mexico	Form C-101
1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u>	Energy Minerals and Natural Resources	Revised July 18, 201
811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III	Oil Conservation Division	AMENDED REPORT
1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170	1220 South St. Francis Dr.	
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462	Santa Fe, NM 87505	
	T TO DRILL, RE-ENTER, DEEPEN, PLUGBA	ACK, OR ADD A ZONE
Solaris Water Midstream, LLC 907 Tradewinds Blvd., Suite B Midland. TX 79706		371643
1viididi	u, 111 / / / / / / / / / / / / / / / / /	³ API Number

^{5.} Property Name Mills 19 SWD

2,430

8. Proposed Bottom Hole Location

Feet from

2,430

^{9.} Pool Information

Additional Well Information

13. Cable/Rotary

Rotary

18. Formation

Devonian / Fusselman SWD

3650'

N/S Line

Ν

N/S Line

Ν

Feet From

1170

Feet From

1170

14. Lease Type

SWD

19. Contractor

7. Surface Location Feet from

Lot Idn

Е

Lot Idn

Е

Distance from nearest fresh water well

371643 · API Number 30-025-49289

E/W Line

W

E/W Line

W

SWD-1878

Distance to nearest surface water

N/A

6. Well No. 1

County

Lea

County

Lea

Pool Code

97869

15. Ground Level Elevation

3,589

20. Spud Date

^{21.} Proposed Casing and Cement Program

We will be using a closed-loop system in lieu of lined pits

⁴ Property 326246

Section

19

Section

19

SWD; Devonian-Silurian

11. Work Type

Drill

16. Multiple

No Depth to Ground water

380'

Township

22 South

Township 22 South Range

32 East

Range

32 East

12. Well Type

SWD

17. Proposed Depth

17,457

UL - Lot

2

UL - Lot

2

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	18.125"	16	84.0# J-55	802'	600	Surface
1 st Int	14.75"	13.625"	68.0# FJ	5,482'	1875	Surface
2 nd Int	12.25"	9.625"	35.5# HCP110	13,312'	2,400	Surface
Liner	8.5"	7.625"	39.0# P110	13,112' – 16,207'	140	Top of Liner
Casing/Cement Program: Additional Comments						

Cement Program: Auditional Commo

²² Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	10,000 psi.	10,000 psi.	Shaffer or Equivalent

^{23.} I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION		
I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.	Approved By:		
Signature:	P Kauta		
Printed name: Whitney McKee	Title:		
Title: Regulatory Specialist	Approved Date: 08/09/2021 Expiration Date: 08/09/2023		
E-mail Address: whitney.mckee@solariswater.com			
Date: 7/29/2021 Phone: 432-203-9020	Conditions of Approval Attached		

Received by OCD: 8/3/2021 10:51:36 AM

Received by	OCD:	8/3/2021	10:51:36 AM
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DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 Phone (575) 393-0161 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

Phone (505) 334-6178 Par: (505) 334-6170 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone (505) 476-3460 Fax: (505) 476-3462 State of New Mexico Energy, Minerals and Natural Resources Department Form C-102 Revised August 1, 2011

Page 3 of 19

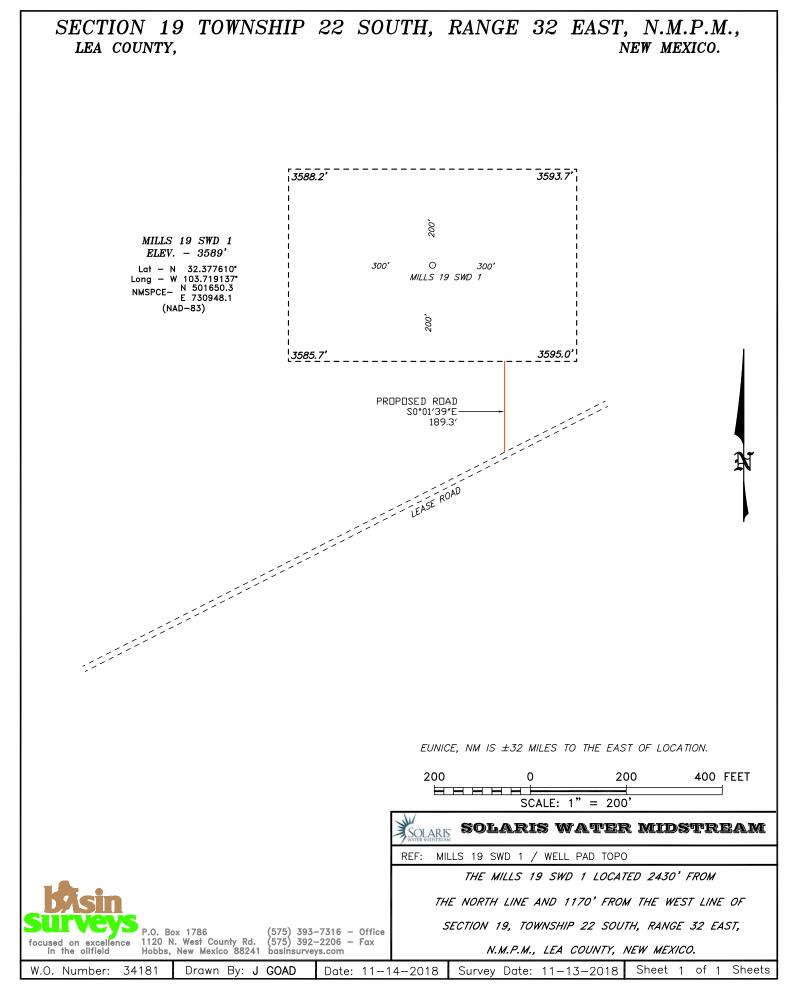
Submit one copy to appropriate District Office

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

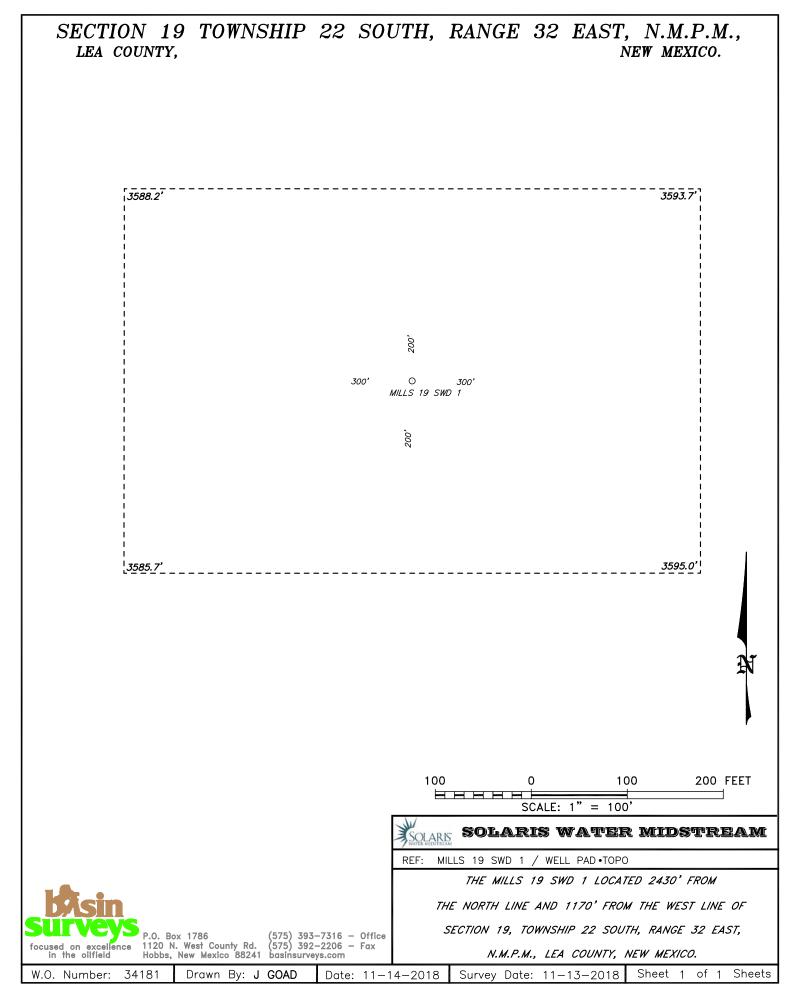
WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

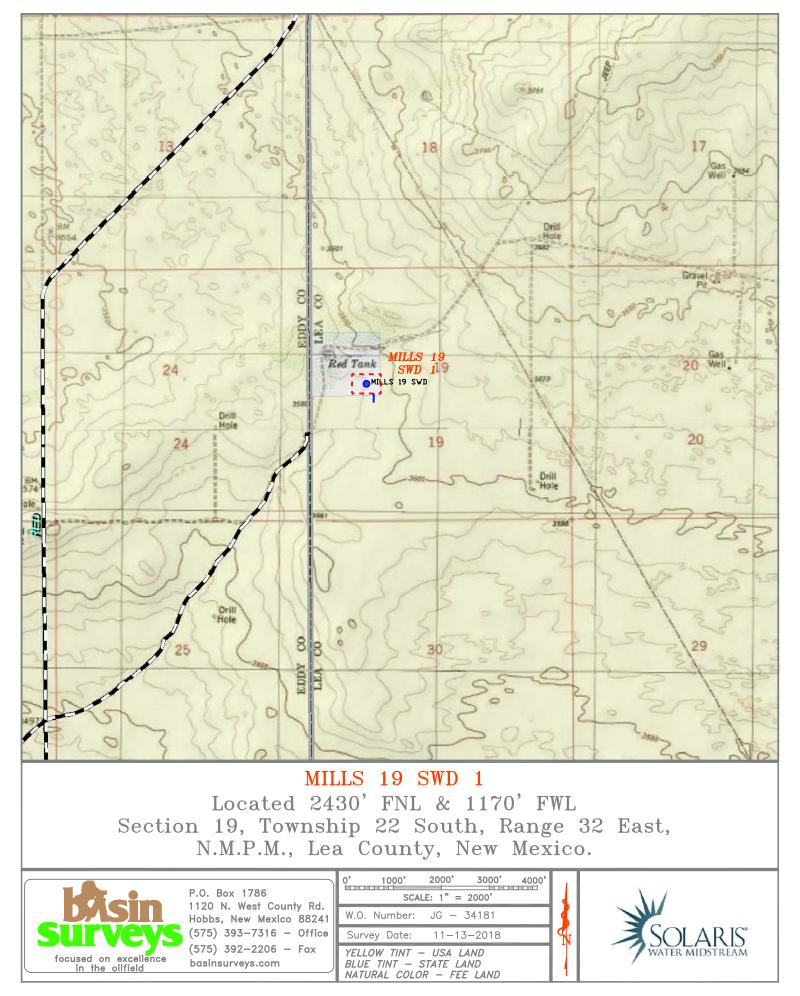
арі м 30-025-4	Number 19289			Pool Code 97869				Pool Name SWD; SILURC	DEVONIAN	J
Property Co			Property Name Well Number							
326246			MILLS 19 SWD 1							
OGRID No.				Operator Name Elevat						
371643				SOLA	358	9				
			Surface Location							
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
E	19	22 S	32 E		24	130	NORTH	1170	WEST	LEA
			Bottom	Hole Lo	ocation 1	lf Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line	Feet from the	East/West line	County
	1									
Dedicated Acres	Joint of	r Infill Co	nsolidation (Code U	rder No.	S	WD-1878			
NO ALLO	WABLE W	ILL BE AS	SSIGNED 7	TO THIS	COMPLE	TION U	NTIL ALL INTER	RESTS HAVE BE	EN CONSOLIDA	ATED
		ORAN	NON-STAN	DARD U	NIT HAS	BEEN	APPROVED BY	THE DIVISION		
N:504067.1 E:729764.9	I			N:504090 E:732558	6.9	1		┓		
(NAD 83)	+2430' +			(NAD 8: 	3)	 		I hereby ce contained here the best of my this organizatio interest or unL land including location or has this location pu owner of such or to a volunta	OR CERTIFICA rtify that the infor- in is true and comy knowledge and belie n either owns a won EAsed mineral intere the proposed bottom a right to drill this resuant to a contract a mineral or workin, ry pooling agreemen ling order heretofore	mation blete to f, and that king st in the hole well at with an g interest, t or a
N:501425.1 E:729779.4 (NAD 83)			501650.3 730948.1	 <i>19</i> 		+-		Email Address SURVEYO I hereby certify on this plat w actual surveys supervison ar correct to th	The end of the second s	FION tion shown id notes of under my s true and ef.
				 					1000' 1500 CALE: 1" = 1000' O Num.: 34181	2000'N

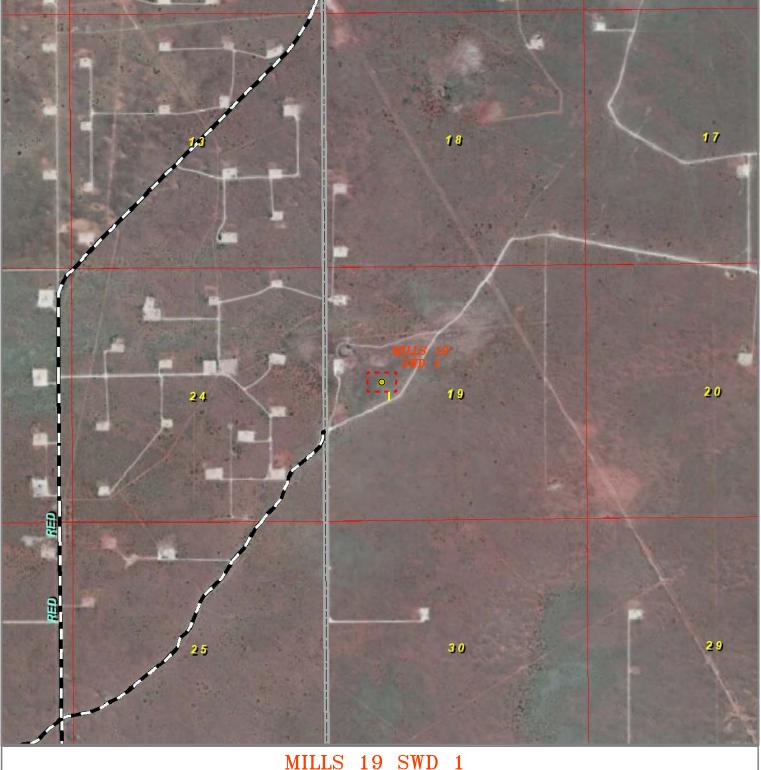


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MILLS 19 SWD 1

Located 2430' FNL & 1170' FWL Section 19, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

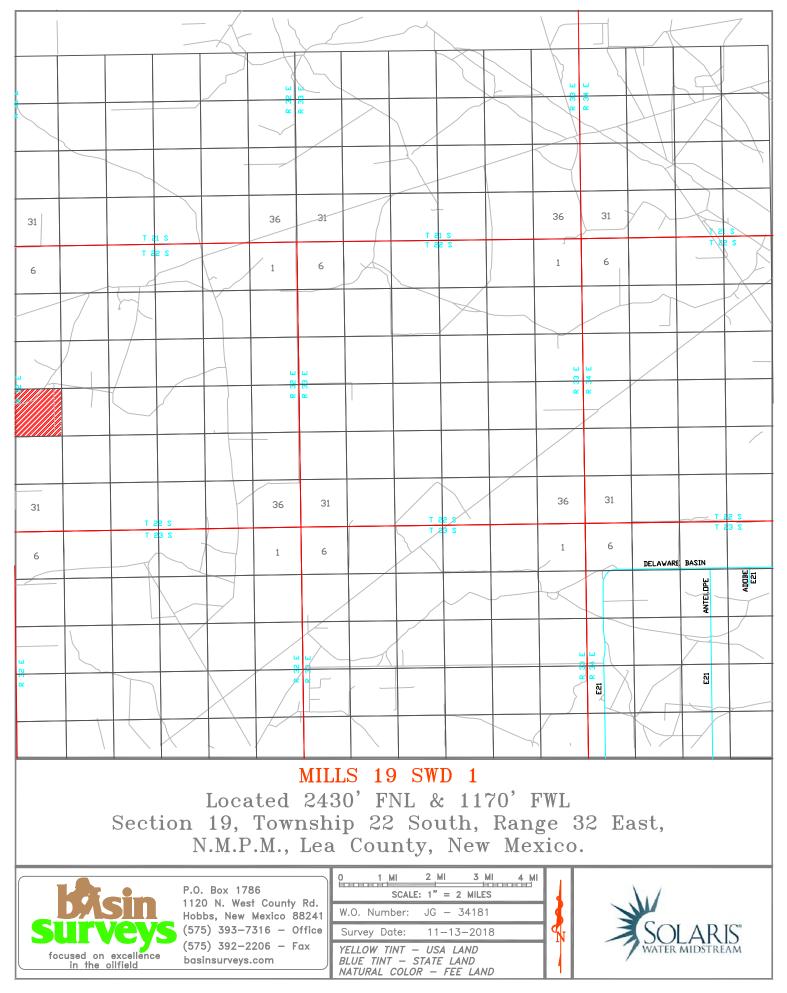


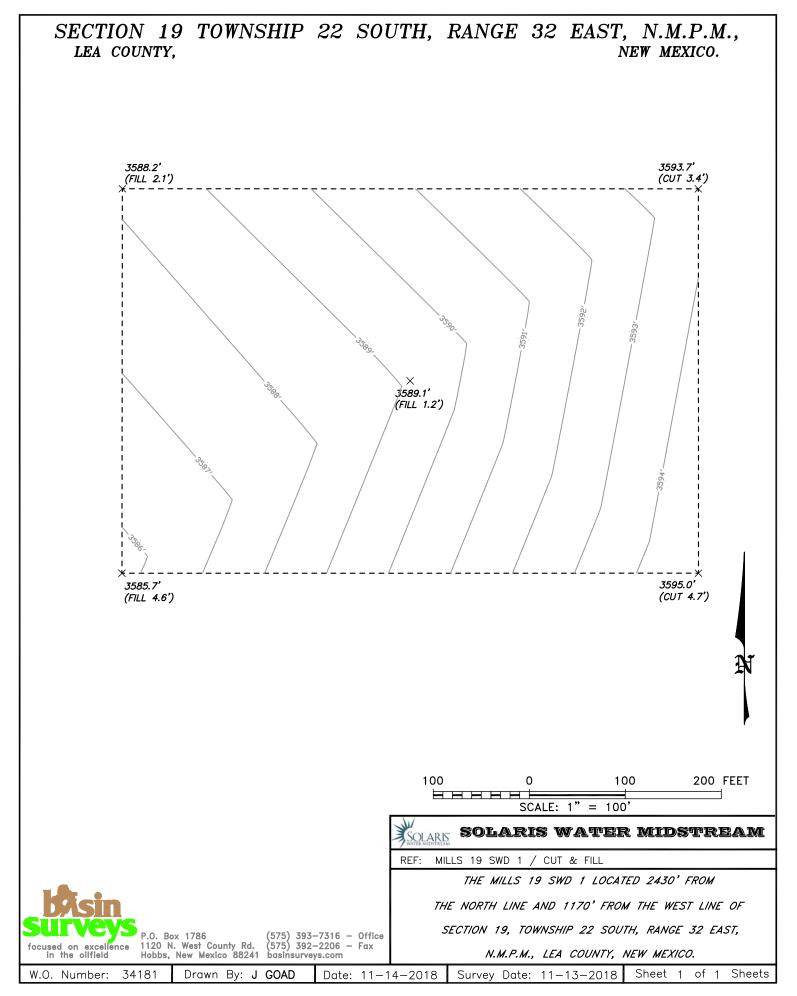
P.O. Box 1786 1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

0' 1000' 4000' 2000' 3000' SCALE: 1" = 2000' W.O. Number: JG - 34181 Survey Date: 11-13-2018 YELLOW TINT – USA LAND BLUE TINT – STATE LAND NATURAL COLOR – FEE LAND



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<i>ivea by</i> OCD: 6/5/2021	10:31:30 A	1/1					ruge 10
]	State Energy, Minerals an	of New Mez d Natural Res		ent	Sub Via	mit Electronically E-permitting
		1220 Sc	servation Di outh St. Fran a Fe, NM 87	cis Dr.			
	Γ	NATURAL GA	S MANA	GEMENT PI	LAN		
This Natural Gas Manag	gement Plan 1	nust be submitted with	n each Applicat	tion for Permit to I	Drill (A	PD) for a new o	or recompleted well.
			<u> – Plan D</u> ective May 25,				
I. Operator: Solaris W	ater Midstre	am, LLC	_OGRID: _3	71643		Date: 08	/ 03 / 2021
II. Type: 🛛 Original 🛛] Amendmer	nt due to 🗆 19.15.27.9	.D(6)(a) NMA	C 🗆 19.15.27.9.D(6)(b) N	MAC 🗆 Other	
If Other, please describe	:						
III. Well(s): Provide the be recompleted from a s					vells pr	oposed to be d	illed or proposed to
Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D		cipated MCF/D	Anticipated Produced Water BBL/D
Mills 19 SWD #1 30-0	25-49289	Sec. 19, T22S-R32	E 2430' FNL & 170' FWL	N/A	N	J/A	N/A
IV. Central Delivery P	oint Name:	N/A				[See 19.15.]	27.9(D)(1) NMAC]
V. Anticipated Schedul proposed to be recomple					ell or s	et of wells prop	osed to be drilled or
Well Name	API	Spud Date	TD Reached Date	Completion Commencement		Initial Flow Back Date	First Production Date
N/A							
VI. Separation Equipm VII. Operational Pract Subsection A through F	tices: □ Atta	ach a complete descrip		-			
VIII. Best Managemen during active and planne			description of	Operator's best n	nanager	nent practices t	o minimize venting

.

Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

I Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. \Box Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system \Box will \Box will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator \Box does \Box does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

□ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: \Box Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

<u>Section 3 - Certifications</u> <u>Effective May 25, 2021</u>

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

 \Box Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

 \Box Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. *If Operator checks this box, Operator will select one of the following:*

Well Shut-In. \Box Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. \Box Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: Ditte Bright
Printed Name: Whitney McKee
Title: Regulatory Specialist
E-mail Address: whitney.mckee@solariswater.com
Date: 08/03/2021
Phone: 432-203-9020
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

Solaris Water Midstream, LLC

Mills 19 SWD SWD #1

Natural Gas Management Plan

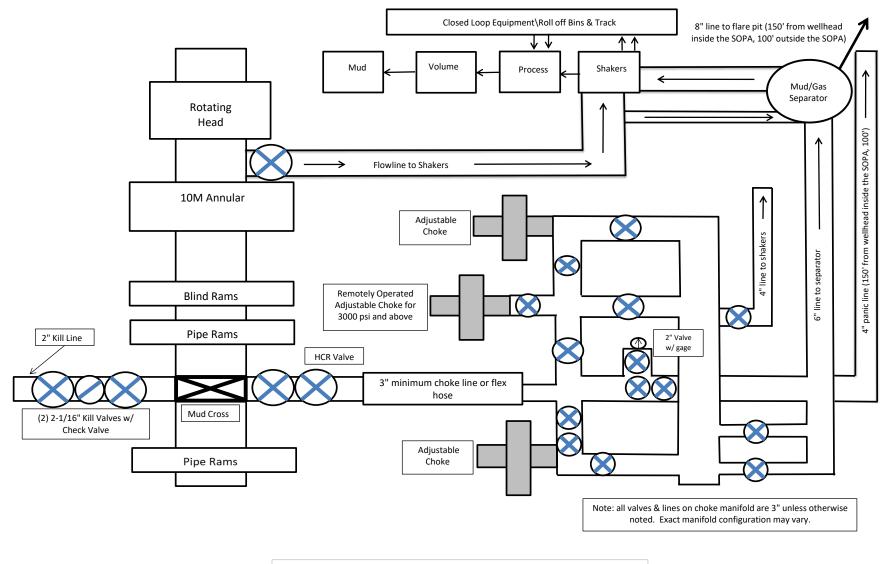
N/A – This is a SWD well.

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Drilling Engineer:

Page 15 of 19

Mills 19 SWD #1



13-5/8" X 10-M BOPE (3 Rams and Rotating Head) & Closed Loop System Equipment Schematic

SOLARIS WATER MIDSTREAM, LLC

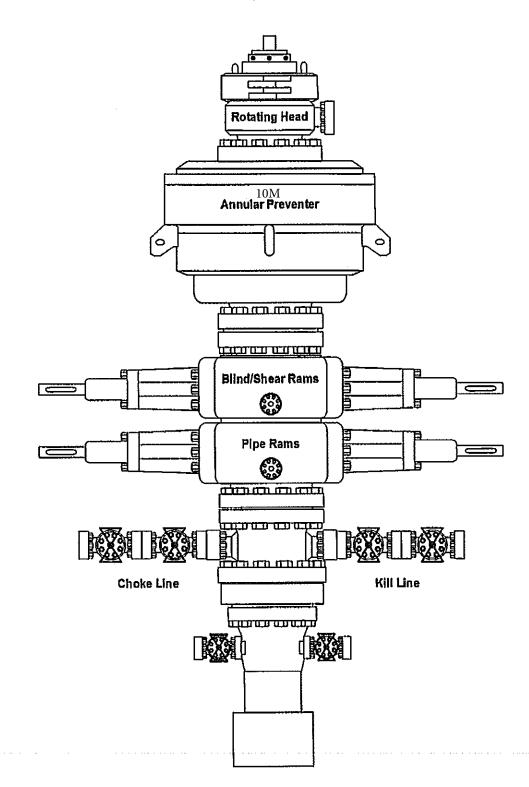
PROPOSED MILLS 19 SWD #1 Section 19-T22S-R32E 2,430' FNL & 1,223' FWL Lea County, New Mexico 11/30/2018 Jim Brannigan, C.P.G., R.G.

GL: 3,590' (est.) KB: 3,612' (est.)

<u>Tops</u>	<u>Depths (est.)</u>	<u>Subsea (est.)</u>
Rustler	775′	+2,837
T/Salt	1,150'	+2,462
B/Salt	4,375′	-763
T/Bell Canyon – Oil	4,700'	-1,088
T/Cherry Canyon – Oil	5,425′	-1,813
T/ Brushy Canyon – Oil	6,700'	-3,088
T/Bone Spring LM	8,425'	-4,813
T/1 st BS Sand – Oil	9,500'	-5 <i>,</i> 888
T/2 nd BS Sand – Oil	10,450'	-6,838
T/3 rd BS Sand – Oil	11,500'	-7,888
T/Wolfcamp – Oil	12,050'	-8,438
T/Strawn – Gas	13,325′	-9,713
T/Atoka – Gas	13,700'	-10,088
T/Morrow – Gas	14,525'	-10,913
T/Barnett	15,225'	-11,613
T/Miss LM	15,675'	-12,063
T/Woodford	16,000'	-12,388
T/Devonian	16,200'	-12,588
T/Fusselman	16,950'	-13,338
T/Montoya	17,650'	-14,038
T/Simpson	18,175′	-14,563
T/Ellenburger	18,825'	-15,213
T/Pre-Cambrian	19,500'	-15,888

Deeper tops picked in part using the Mesquite SWD, Inc. Deep Purple SWD #1 in Section 30-T22S-R32E. TD @ 17,673' (Devonian). , ،

Attachment 1 – Representative BOP Setup



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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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

Operator:	OGRID:
SOLARIS WATER MIDSTREAM, LLC	371643
907 Tradewinds Blvd, Suite B	Action Number:
Midland, TX 79706	39589
	Action Type:
	[C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
pkautz	MUST SUBMIT DEVIATION SURVEY WITH C-105	8/9/2021
pkautz	CEMENT MUST BE BROUGHT TO TOP ON ALL STRINGS	8/9/2021
pkautz	SURFACE CASING MUST BE SET 25 FEET BELOW TOP OF RUSTLER	8/9/2021
pkautz	MUST COMPLY WITH ALL REQUIREMENTS OF SWD-1878	8/9/2021

Page 19 of 19