

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

Form C-103
Revised July 18, 2013

NM OIL CONSERVATION
ARTESIAN DISTRICT CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
OCT 24 2018

WELL API NO.	30-015-44001
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Solaris Eddy State SWD
8. Well Number	002
9. OGRID Number	371643
10. Pool name or Wildcat	SWD; Devonian
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3022' G.L.

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	701 Tradewinds Blvd., Suite C, Midland, TX 79706
4. Well Location	Unit Letter K : 2267 feet from the South line and 2469 feet from the West line Section 2 Township 26-S Range 29-E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3022' G.L.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☒
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	Perf Liner ☐

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.

SWD-1666 allows the permitted interval of 15,500' to 16,900' (OH). Due to a leaking liner top (rpt'd C-103 11/2017) and other downhole complications, an additional expandable liner was installed covering the upper portion of the permitted interval from 15,539' to 15,647'.

Solaris Water Midstream accomplished the following operations:

4/16/18 - RIH w/ wireline, LOG Gamma, Correlate & perforate the 4 1/2" expandable liner from 15,633' (Top of Devonian at 15,625') to 15,647' (Top of safety joint on expander); with 6 SPF of 0.39" diameter holes (84 holes) to increase the available flow path to the permitted Devonian injection interval. POOH w/ wireline. Rig down wireline.

4/18/18 - RIH w/ TBG & 5/5" PKR @ 15,460' & TP @ 15,604'.

4/19 thru 4/28/18 - Completion operations continued with several remedial steps taken to preserve the well and negotiate downhole situations. Ultimately, the tubing was stabbed back into the packer, the well was tested for injection rates and concluded with the MIT (reported on separate sundry notice). SEE ATTACHED DAILY REPORTS DETAILING ALL OPERATIONS FOR ABOVE DATES.

Spud Date:

Rig Release Date:

4/29/2018

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

SIGNATURE [Signature] TITLE Agent/consultant DATE 10/24/2018

Type or print name Ben Sos E-mail address: ben@sosconsulting.us PHONE: 903-488-9850

For State Use Only

APPROVED BY: [Signature] TITLE Geologist DATE 10/29/18

Conditions of Approval (if any):

DAILY DRILLING REPORT

BRIEF DRILLING REPORT												
WELL:	Eddy State #2 SWD				COUNTY:	Eddy	STATE:	NM	DATE:	April 16, 2018	Rig Days	370
OPERATION:	CUT DRILLING LINE				DEPTH:	16,876	PROGRESS:		FORMATION:	Devonian		
DAILY COST:	\$48,807				CUMMULATIVE COST:	\$29,263,247			SUPERVISION:	GARY JAMES		
WT. ON BIT:					RPM:				PUMP PRESS:	SPM / GPM:		
				ON-SITE RIG DAYS: 370				355				
BIT RECORD				MUD PROPERTIES		MUD MIXED		TIME BREAKDOWN				
BIT NO.				Wt	8.8	SOLTEX		NU / ND OPNS				
SIZE				VIS	29	SODA ASH		DRLG				
MFG.				PV		CAUSTIC		TRIP	6 1/4			
TYPE				YP		PAC R		R/U - R/D				
SERIAL #				gels	0	SOD BICARB		SURVEY				
NOZZLES				Ph	7	BAR (BULK)		SER. RIG/ Rprs.				
OUT				WL		FLOZAN		BHA	4			
IN				CHL	29,000	STC BIOCID		Slip & Cut DL	1/2			
FOOTAGE				SOLIDS	0.4%	DESCO		Casing/Cement				
HOURS				drilled solids	3.60%	INC-9000		Well Control				
FT./HR.				Co2		Pac-SL		BUILD VOLUME				
IADC CODE				lcm lb/bbl		AquaCar		OTHER	3/4			
				CALCIUM	3.2	SiliconeDefoamer		TEST CSG				
PUMP 1		PUMP 2		FC		Lime		BOP TEST				
PSIG	SPM	PSIG	SPM	tft hardness	1040	Salt Gel		LOGGING				
				Mg	2600	A-STERATE		Circulate				
				DMC	\$ -	CALC-CARB		Wireline	12 1/2			
				TMC	\$ 4,082,868	DEFOAM		TOTAL	24			
SURVEYS				BHA	SHOWS/FLARE REPORT							
DEPTH	INCL.	AZ.		ITEM	OD	LENGTH	BG GAS 0 UNITS					
15,585	3.64	8.88					MAX FORM GAS UNITS : MAX CONN GAS UNITS					
15,615	4.12	11.94					MAX TRIP GAS 0 UNITS:					
15,645	3.68	7.00					10% LIMESTONE 90% DOLOMITE @ 16,800'					
15,675	2.23	315.58					CEMENT/CASING REPORT					
15,705	1.67	302.91										
15,735	1.59	320.38										
15,765	1.89	321.90					Received 0 gals					
15,795	2.01	317.37					Diesel on hand 5929 gallons used 538 gallons					
15,825	2.04	296.18					308,647.0 GALS					
15,855	2.07	265.35			TOTAL		Commenced with diesel 0 gals.: Received 0 Gals					
TIME			ACTIVITY									
From	To											
6:00 AM	6:45 AM	.75 HRS WAIT ON CREW TO CHANGE OUT DERRICK MEN :										
6:45 AM	12:00 PM	5.25 HRS TOH F/ 11500' T/ 27.89'										
12:00 PM	1:00 PM	1.0 HRS BREAK DOWN & LAY OUT BHA :										
1:00 PM	2:30 PM	1.50 HRS R/U CASIED HOLE WELL SERVICE WL. TRUCK										
2:30 PM		5.50 HRS RIH WITH 17.70' : 3.1/8"OD TOOL WHICH HAS 15.1' OF 0.39 PERF: TOTAL 78 SHOTS 22.7 GAIN										
		WL TD. 16548' MADE A NUMBER OF PASSES ATTEMPTING TO PICK UP 4.25" LINER TOP : COULD NOT										
		VERIFY TOP 100% : GOT WITH ENGINEERING AND DECIDED TO POOH AND RUN TOOLS WITH GAMMA										
	8:00 PM	PROBE : POOH WITH : WL & PERF GUNS										
8:00 PM	11:00 PM	3 HRS L/D PERF GUN'S, M/U GAMMA TOOL, CCL, GUNS, RIH W/ WIRELINE, LOG GAMMA, CORRELATE										
11:00 PM	11:00 PM	DEPTHS, TALK TO ENGINEERING, FIRE PERF GUNS, TOP SHOT PER WIRELINE, 15,633', BTM										
11:00 PM	11:00 PM	SHOT 15,647', 6 SPF, 72 .390 TOTAL SHOTS ON 60° PHASING										
11:00 PM	1:30 AM	2.5 HRS POOH W/ WIRELINE, B/D TOOLS, R/D LUBRICATOR										
1:30 AM	4:30 AM	3 HRS P/U VACS TOOL BHA										
4:30 AM	5:30 AM	1 HRS TIH F/ 152' T/ 2024'										
5:30 AM	6:00 AM	0.5 HRS CUT DRILLING LINE										
6:00 AM												

DAILY DRILLING REPORT

[illegible]

DAILY DRILLING REPORT

[illegible]

DAILY DRILLING REPORT

WELL:	Eddy State #2 SWD			COUNTY:	Eddy	STATE:	NM	DATE:	April 19, 2018	Rig Days	373
OPERATION:	TOH @ 12,940			DEPTH:	16,876	PROGRESS:			FORMATION:	Devonian	
DAILY COST:	\$68,949			CUMMULATIVE COST:		\$29,407,129			SUPERVISION	GARY JAMES	
WT. ON BIT:				RPM:			PUMP PRESS:			SPM / GPM:	
				ON-SITE RIG DAYS: 373					358		
BIT RECORD				MUD PROPERTIES		MUD MIXED		TIME BREAKDOWN			
BIT NO.				WI	8.9	SOLTEX		NU / ND OPNS			
SIZE				VIS	28	SODA ASH		DRLG			
MFG.				PV		CAUSTIC		TRIP	1 1/2		
TYPE				YP		PAC R		R/U - R/D			
SERIAL #				gels	0	SOD BICARB		SURVEY			
NOZZLES				Ph	7	BAR (BULK)		SER. RIG/ Rprs.			
OUT				WL		FLOZAN		BHA			
IN				CHL	61,000	STC BIOCIDE		Slip & Cut DL			
FOOTAGE				SOLIDS	0.4%	DESCO		Casing/Cement			
HOURS				drilled solids	4.50%	INC-9000		Well Control			
FT./HR.				Co2		Pac-SL		BUILD VOLUME			
IADC CODE				lcm lb/bbl		AquaCar		OTHER	22 1/2		
				CALCIUM	4.03	SiliconeDefoamer		TEST CSG			
PUMP 1		PUMP 2		FC		Lime		BOP TEST			
PSIG	SPM	PSIG	SPM	ft/l hardness	960	Salt Gel		LOGGING			
				Mg	2066	A-STERATE		Circulate			
				DMC	\$ -	CALC-CARB		TESTING PKR			
				TMC	\$ 4,082,868	DEFOAM		TOTAL	24		
SURVEYS				BHA		SHOWS/FLARE REPORT					
DEPTH	INCL.	AZ.		ITEM	OD	LENGTH	BG GAS 0 UNITS				
15,585	3.64	8.88		MULE SHOE	2 3/8	15.50	MAX FORM GAS UNITS : MAX CONN GAS UNITS				
15,615	4.12	11.94		TBG	2 3/8	123.04	MAX TRIP GAS 0 UNITS:				
15,645	3.68	7.00		CROSS SUB	3 1/8	1.23	10% LIMESTONE 90% DOLOMITE @ 16,800'				
15,675	2.23	315.58		CROSS SUB	3 1/16	1.00	CEMENT/CASING REPORT				
15,705	1.67	302.91		PACKER	4 1/2	6.65					
15,735	1.59	320.38		SEAT NIPPLE	3 1/16	1.10					
15,765	1.89	321.90		CROSS SUB	3 7/16	0.67	Received 0 gals				
15,795	2.01	317.37		PH6 TBG	2 7/8	15498.81	Diesel on hand 4301 gallons used 270 gallons				
15,825	2.04	296.18					308,647.0 GALS				
15,855	2.07	265.35		TOTAL		15,648.00	Commenced with diesel 0 gals.: Received 0 Gals				
TIME			ACTIVITY								
From	To										
6:00 AM	10:30 AM	4.5 HRS ATTEMPTING TO TEST BAKER PACKER : PSI LEAKED OFF F/ 1200# T/ 70# WHILE R/U ACID TECH									
10:30 AM	11:00 AM	.50 HR PJSM WITH ACID TECH & PATRIOT									
11:00 AM		7.0 HRS PSI UP TO 1100# PSI ON PACKER / ANNULUS : TEST LINES 5K : START PUMPING JOB AT									
	6:00 PM	ACID JOB 5-6 BPM : 4K# PSI : DISPLACE WITH 200 BBLs OF FRESH WATER : R/D ACID TECH									
6:00 PM	6:30 PM	.50 HR RIG UP FLOW BACK IRON : TGB HOLDING 260# PSI : BACK SIDE HAS ZERO PSI									
6:30 PM	7:00 PM	.5 HRS RELEASED TRAPPED PSI ON STD PIPE: TIGHTEN UP 5K ANNULAR WHERE IT'S BOLTED TO									
7:00 PM	7:00 PM	DOUBLE RAM : DUE TO LEAKING									
7:00 PM	11:30 PM	4.5 HRS PRESSURE BACKSIDE UP TO 1000 PSI, STAND PIPE LEAKING, R/U LINE FROM 2" ON PUMP TO									
11:30 PM	11:30 PM	KILL SIDE OF BOP, PRESSURE UP TO 1100, RECORDING PRESSURE EVERY 15 MINS, 1025, 950, 840, 800,725									
11:30 PM	11:30 PM	700, WELDER REPAIRING STAND PIPE, PRESSURE UP TO 1100 RECORD PRESSURE EVERY 15 MINS, 980,900									
11:30 PM	11:30 PM	800,700,650,600,650,000,000									
11:30 PM	12:30 AM	1 HRS REPLACE STAND PIPE, PRESSURE UP TO 1000 PSI TO TEST STAND PIPE									
12:30 AM	1:30 AM	1 HRS OPEN TUBING FLOW BACK APPROX 60 BBL, PRESSURE UP BACKSIDE TO 1050 RECORDING									
1:30 AM	3:00 AM	PRESURE EVERY 15 MINS 1000,900,815, PRESSURE BACK UP TO 600 PSI RECORDING PRESSURE EVERY									
3:00 AM	3:00 AM	15 MINS 550,500,450									
3:00 AM	3:30 AM	0.5 HRS BLEED OFF PRESSURE, R/D FLOW BACK IRON									
3:30 AM	4:30 AM	1 HRS UNSET PACKER, EQUALIZE, L/D 1 JT., P/U KELLY JT, PUMP 30 BBL BRINE									
4:30 AM	6:00 AM	1.5 HRS TOH F/ 15,604' T/ 12,490'									
6:00 AM											

DAILY DRILLING REPORT

ACTIVITY

DAILY DRILLING REPORT

DAILY DRILLING REPORT

DAILY DRILLING REPORT

WELL: Eddy State #2 SWD				COUNTY: Eddy		STATE: NM		DATE: April 23, 2018	Rig Days	377
OPERATION: R/D LAY DOWN TRUCK				DEPTH: 16,876		PROGRESS:		FORMATION: Devonian		
DAILY COST: \$47,865				CUMMULATIVE COST:		\$29,605,043		SUPERVISION: GARY JAMES		
WT. ON BIT:				RPM:		PUMP PRESS:		SPM / GPM:		
						ON-SITE RIG DAYS: 377		361		
BIT RECORD				MUD PROPERTIES		MUD MIXED		TIME BREAKDOWN		
BIT NO.				Wt 8.9		SOLTEX		NU / ND OPNS		
SIZE				VIS 28		SODA ASH		DRLG		
MFG.				PV		CAUSTIC		TRIP		15 3/4
TYPE				YP		PAC R		R/U - R/D		
SERIAL #				gels 0		SOD BICARB		SURVEY		
NOZZLES				Ph 6.5		BAR (BULK)		SER. RIG/ Rprs.		1
OUT				WL		FLOZAN		BHA		1
IN				CHL 76,000		STC BIOCIDE		Slip & Cut DL		
FOOTAGE				SOLIDS 0.9%		DESCO		Casing/Cement		
HOURS				drilled solids 5.90%		INC-9000		Well Control		
FT./HR.				Co2		Pac-SL		BUILD VOLUME		
IADC CODE				lcm lb/bbl		AquaCar		OTHER		5 3/4
				CALCIUM 3.89		SiliconeDefoamer		TEST CSG		
PUMP 1		PUMP 2		FC		Lime		BOP TEST		
PSIG	SPM	PSIG	SPM	tft hardness 600		Salt Gel		LOGGING		
				Mg 1337		A-STERATE		Circulate		1/2
				DMC \$ -		CALC-CARB		WIRELINE		
				TMC \$ 4,082,868		DEFOAM		TOTAL		24
SURVEYS				BHA		SHOWS/FLARE REPORT				
DEPTH		INCL.		AZ.		ITEM		OD		LENGTH
15,585		3.64		8.88		O SHOT		4 1/8		3.37
15,615		4.12		11.94		B SUB		3 3/4		4.57
15,645		3.68		7.00		JARS		3 3/4		12.95
15,675		2.23		315.58		X-OVER		3 11/16		1.34
15,705		1.67		302.91						
15,735		1.59		320.38						
15,765		1.89		321.90						
15,795		2.01		317.37						
15,825		2.04		296.18						
15,855		2.07		265.35		TOTAL		22.23		
TIME				ACTIVITY						
From		To								
6:00 AM		8:00 AM		2 HRS R/U POWER TONGS, FIX SAFETY CLAMP TO FIT 2 7/8"						
8:00 AM		9:45 AM		1.75 HRS P/U 2 7/8" TBG FROM RACK						
9:45 AM		10:30 AM		1.25 HRS TOH STAND BACK 7 STDS IN DERRICK						
10:30 AM		11:30 AM		1 HRS P/U FISHING TOOLS						
11:30 AM		12:30 PM		1 HRS P/U PIPE FROM RACK, TIH 7 STDS F/ DERRICK						
12:30 PM		1:30 PM		1 HRS LOAD RACKS, STRAP PIPE						
1:30 PM		2:00 PM		0.5 HRS ADJUST BRAKES						
2:00 PM		3:30 PM		1.5 HRS P/U PIPE F/ RACKS, TIH T/ 4111'						
3:30 PM		4:30 PM		1 HRS LOAD RACKS, STRAP PIPE						
4:30 PM		5:30 PM		1 HRS P/U PIPE F/ RACKS, TIH T/ 6011'						
5:30 PM		6:00 PM		0.5 HRS WORK ON POWER TONGS						
6:00 PM		7:00 PM		1 HRS P/U PIPE F/ RACKS, TIH T/ 7003'						
7:00 PM		7:45 PM		.75 HRS LOAD RACKS, STRAP PIPE						
7:45 PM		10:00 PM		2.25 HRS P/U PIPE FROM RACKS, TIH TO 9922'						
10:00 PM		11:00 PM		1 HRS LOAD RACKS, STRAP PIPE						
11:00 PM		1:30 AM		2.5 HRS P/U PIPE FROM RACKS TIH TO 12,826'						
1:30 AM		2:30 AM		1 HRS LOAD RACKS, STRAP PIPE						
2:30 AM		4:30 AM		2 HRS P/U PIPE FROM RACKS TIH TO 15,447						
4:30 AM		5:00 AM		0.5 HRS M/U KELLY JT, WASH DOWN TO 15,473', CIRC						
5:00 AM		5:30 AM		0.5 HRS SHUT IN WELL TRY TO PRESSURE UP TO 1000 PSI, BLEEDING OFF						
5:30 AM		6:00 AM		0.5 HRS R/D LAY DOWN TRUCK						

SOLARIS WATER MIDSTREAM, LLC

DAILY DRILLING REPORT

WELL:	Eddy State #2 SWD	COUNTY:	Eddy	STATE:	NM	DATE:	April 24, 2018	Rig Days	378
OPERATION:	TIH @ 14,000	DEPTH:	16,876	PROGRESS:		FORMATION:	Devonian		
DAILY COST:	\$39,045	CUMMULATIVE COST:		\$29,644,088		SUPERVISION:	GARY JAMES		
WT. ON BIT:		RPM:		PUMP PRESS:		SPM / GPM:			
				ON-SITE RIG DAYS: 378			362		
BIT RECORD			MUD PROPERTIES		MUD MIXED		TIME BREAKDOWN		
BIT NO.			Wt	8.9	SOLTEX		NU / ND OPNS		
SIZE			VIS	28	SODA ASH		DRLG		
MFG.			PV		CAUSTIC		TRIP	8	
TYPE			YP		PAC R		R/U - R/D		
SERIAL #			gels	0	SOD BICARB		SURVEY		
NOZZLES			Ph	7	BAR (BULK)		SER. RIG/ Rprs.	1	
OUT			WL		FLOZAN		BHA	2	
IN			CHL	61,500	STC BIOCID		Slip & Cut DL	1	
FOOTAGE			SOLIDS	0.4%	DESCO		Casing/Cement		
HOURS			drilled solids	4.50%	INC-9000		Well Control		
FT./HR.			Co2		Pac-SL		BUILD VOLUME		
IADC CODE			lcm lb/bbl		AquaCar		OTHER	6	
			CALCIUM	4.06	SiliconeDefoamer		TEST PACKER	4 1/2	
			FC		Lime		BOP TEST		
PUMP 1		PUMP 2		ftl hardness	560	Salt Gel	LOGGING		
PSIG	SPM	PSIG	SPM	Mg	1337	A-STERATE	Circulate		
				DMC	\$ -	CALC-CARB	FISHING	1 1/2	
				TMC	\$ 4,082,868	DEFOAM	TOTAL	24	
SURVEYS			BHA		SHOWS/FLARE REPORT				
DEPTH	INCL.	AZ.	ITEM	OD	LENGTH	BG GAS 0 UNITS			
15,585	3.64	8.88				MAX FORM GAS UNITS : MAX CONN GAS UNITS			
15,615	4.12	11.94				MAX TRIP GAS 0 UNITS:			
15,645	3.68	7.00				10% LIMESTONE 90% DOLOMITE @ 16,800'			
15,675	2.23	315.58				CEMENT/CASING REPORT			
15,705	1.67	302.91							
15,735	1.59	320.38							
15,765	1.89	321.90				Received 0 gals			
15,795	2.01	317.37				Diesel on hand 4368 gallons used 570 gallons			
15,825	2.04	296.18				308,647.0 GALS			
15,855	2.07	265.35		TOTAL		Commenced with diesel 0 gals.: Received 0 Gals			
TIME		ACTIVITY							
From	To								
6:00 AM	6:30 AM	.50 HR OPEN ANNULAR AFTER ATTEMPTING TO PSI TEST HALLIBURTON PACKER & L/D KELLY JT							
6:30 AM	7:30 AM	1.0 HR LATCH ON TO FISH : FLUID U TUBING UP 2.7/8" TBG CIRCU HVY FLUID DOWN TBG TO BALANCE							
7:30 AM	8:30 AM	1.0 HR ATTEMPT TO PSI UP ON PACKER A SECOND TIME : 1050# LEAK OFF TO 576# IN 5 MINS							
8:30 AM		.50 HR P/U ON FISH F/128K STRING WT IN 5K# INCERMENTS SHEARED RUNNING TOOL @ 156K#							
	9:00 AM	DIDN'T APPEAR THAT JARS FIRED							
9:00 AM	9:30 AM	.50 HR SLUG WORK STRING W/ 10# BRINE							
9:30 AM	11:00 AM	1.5 HRS TOH F/ 15491' T/ 13602'							
11:00 AM	11:30 AM	.50 HR SERVICE RIG REPAIR AIR LEAK ON CONTROL PANEL							
11:30 AM	1:30 PM	2.0 HRSTOH F/ 13602' T/ 9489'							
1:30 PM	2:00 PM	.50 HR NPT DRAWWORKS ENGINE RAN OUT OF FUEL: AIR SUPPLY TURNED OFF TO FUEL TANK							
2:00 PM	6:00 PM	4.0 HRS TOH F/ 9489' T/ 0'							
6:00 PM	7:00 PM	1.0 HR BREAK DOWN OVER SHOT AND FISH : RECOVERED RUNNING TOOLS FROM PACKER ASSEMBLY							
7:00 PM	8:00 PM	1 HRS BREAK DOWN FISHING TOOLS AND L/D							
8:00 PM	10:00 PM	2 HRS TEST PACKER TO 1100 PSI, NO LEAK OFF							
10:00 PM	11:00 AM	1 HRS IN CONFERENCE WITH ENGINEERING FOR PLAN FORWARD, PLAN FORWARD TIH W/ TBG AND L/D							
11:00 AM	12:01 AM	1 HRS BLEED OFF PRESSURE, R/U POWER TONGS							
12:01 AM	1:30 AM	1.5 HRS TIH T/ 2800'							
1:30 AM	2:30 AM	1 HRS CUT DRILLING LINE							
2:30 AM	6:00 AM	3.5 HRS TIH F/ 2800' T 14,00'							
6:00 AM									

DAILY DRILLING REPORT

[illegible]

DAILY DRILLING REPORT

[illegible]

SOLARIS WATER MIDSTREAM, LLC**DAILY DRILLING REPORT**[illegible]

SOLARIS WATER MIDSTREAM, LLC

DAILY DRILLING REPORT

WELL:	Eddy State #2 SWD	COUNTY:	Eddy	STATE:	NM	DATE:	April 28, 2018	Rig Days	382
OPERATION:	INJECTION RATE	DEPTH:	16,876	PROGRESS:		FORMATION:	Devonian		
DAILY COST:	\$262,634	CUMMULATIVE COST:		\$30,060,183		SUPERVISION	GARY JAMES		
WT. ON BIT:		RPM:		PUMP PRESS:		SPM / GPM:			
				ON-SITE RIG DAYS: 382			365		
BIT RECORD				MUD PROPERTIES		MUD MIXED		TIME BREAKDOWN	
BIT NO.				Wt	8.95	SOLTEX		NU / ND OPNS	
SIZE				VIS	28	SODA ASH		DRLG	
MFG.				PV		CAUSTIC		TRIP	
TYPE				YP		PAC R		R/U - R/D	
SERIAL #				gels	0	SOD BICARB		SURVEY	
NOZZLES				Ph	7	BAR (BULK)		SER. RIG/ Rprs.	
OUT				WL		FLOZAN		BHA	
IN				CHL	63,000	STC BIOCID		Slip & Cut DL	
FOOTAGE				SOLIDS	0.8%	DESCO		Casing/Cement	
HOURS				drilled solids	5.00%	INC-9000		Well Control	
FT./HR.				Co2		Pac-SL		BUILD VOLUME	
IADC CODE				lcm lb/bbl		AquaCar		OTHER	15
				CALCIUM	4.2	SiliconeDefoamer		INJECTION RAT	3
PUMP 1		PUMP 2		FC		Lime		BOP TEST	
PSIG	SPM	PSIG	SPM	ftl hardness	600	Salt Gel		LOGGING	
				Mg	1272	A-STERATE		Circulate	
				DMC	\$ 44,392.00	CALC-CARB		WIRLINE	6
				TMC	\$ 4,127,260	DEFOAM		TOTAL	24
SURVEYS				BHA		SHOWS/FLARE REPORT			
DEPTH	INCL.	AZ.		ITEM	OD	LENGTH			
15,585	3.64	8.88					BG GAS 0 UNITS		
15,615	4.12	11.94					MAX FORM GAS UNITS : MAX CONN GAS UNITS		
15,645	3.68	7.00					MAX TRIP GAS 0 UNITS:		
15,675	2.23	315.58					10% LIMESTONE 90% DOLOMITE @ 16,800'		
15,705	1.67	302.91					CEMENT/CASING REPORT		
15,735	1.59	320.38							
15,765	1.89	321.90					Received 0 gals		
15,795	2.01	317.37					Diesel on hand 2056 gallons used 547 gallons		
15,825	2.04	296.18					308,647.0 GALS		
15,855	2.07	265.35			TOTAL		Commenced with diesel 0 gals.: Received 0 Gals		
TIME		ACTIVITY							
From	To								
6:00 AM	8:30 AM	2.5 HRS INSTALL CASING HANGER, P/U LANDING JOINT, TORQUE HANGER AND LANDING JT, LAND HANGER							
8:30 AM	8:30 AM	IN WELLHEAD, REMOVE LOCK DOWN PIN ON WELLHEAD TO MAKE SURE HANGER DOESN'T TURN, BACK							
8:30 AM	8:30 AM	OUT LANDING JOINT, LANDED OUT W/ 30K ON HANGER, AND TOTAL PIPE RUN WAS 15,495.14							
8:30 AM	9:30 AM	1 HRS R/D CASING CREW, TORQUE TURN, LAY DOWN TRUCK AND GATOR HAWK							
9:30 AM	4:30 PM	7 HRS N/D BOPE							
4:30 PM	5:30 PM	1 HRS N/U TREE, RUN IN LOCKDOWN PINS ON WELLHEAD							
5:30 PM	7:00 AM	1.5 HRS R/U TESTER, TEST CASING TO 500 PSI FOR 30 MINS							
7:00 AM	1:00 AM	6 HRS R/U AXIO SLICKLINE TRUCK AND LUBRICATOR, RIH W/ 1 7/8" CHISEL TO BREAK CERAMIC DISCs							
1:00 AM	1:00 AM	TAGGED UP @ 15580', PICKED UP LINE TENSION @ 350, BEAT ON DISC, LINE TENSION @ 350 @ 15,580'							
1:00 AM	1:30 AM	POOH W/ SLICKLINE							
1:30 AM	2:30 AM	1 HRS REMOVE LUBRICATOR FROM TOP OF TREE, SCREW IN 2" IRON, PUMP DOWN STRNG, PRESSURED							
2:30 AM	2:30 AM	TO 1100 PSI, DISC NOT BROKE							
2:30 AM	3:00 AM	0.5 HRS R/U LUBRICATOR, WELL STARTED FLOWING, R/D LUBRICATOR, R/U TO RIG PUMP, OPEN VALVE							
3:00 AM	3:00 AM	110 PSI ON STANDPIPE, BLEED OFF PRESSURE, SHUT IN 88 PSI ON STANDPIPE							
3:00 AM	6:00 AM	3 HRS START PUMPING DOWN INJECTION STRING SPP 200, START 1ST INJECTION RATE TEST, 55 SPM							
6:00 AM	6:00 AM	3 BPM STARTING PRESSURE 298 PSI, AFTER 30 MINS PRESSURE @ 124 PSI, START 2ND INJECTION RATE							
6:00 AM	6:00 AM	71 SPM 4 BPM STARTING PRESSURE 215 PSI AFTER 30 MINS PRESSURE @ 73 PSI, 3RD INJECTION RATE							
6:00 AM		107 SPM 6 BPM STARTING PRESSURE 350 PSI AFTER 30 MINS PRESSURE @ 131 PSI, 4TH INJECTION RATE							
		142 SPM 8 BPM STARTING PRESSURE 245 PSI AFTER 30 MINS PRESSURE @ 261 PSI							

DAILY DRILLING REPORT

NOTE: RIG RELEASED @ 5:00 AM 04/29/18