

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources

HOBBS OCD

Form C-101
Revised July 18, 2013

Oil Conservation Division

NOV 05 2018

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

MIN \$
SURF \$

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Solaris Water Midstream, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706		² OGRID Number 371643
⁴ Property Code 722859		³ API Number 70-025-45346
⁵ Property Name Screech State SWD		Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	16	25S	35E		370	North	1317	East	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name SWD; Devonian - SILURIAN	Pool Code 97869
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3236'
¹⁶ Multiple N	¹⁷ Proposed Depth 19,910	¹⁸ Formation Fusselman	¹⁹ Contractor TBD	²⁰ Spud Date Upon Approval
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26"	20"	94#	866'	2021	Surf
1 st Int	17.5"	13.375"	72#	6359'	3956	Surf
<i>Prop 2nd Int</i>	12.25"	9.625"	47#	13,531'	2384	Surf
Liner	8.5"	7.625"	39#	13,331' - 18,109'	198	TOL

Casing/Cement Program: Additional Comments

6.5" OH: 18,109' - 19,910

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	10,000 (10M)	10000	Shaffer or Equivalent

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable Signature: <i>Bonnie Atwater</i> Printed name: Bonnie Atwater Title: Regulatory Tech E-mail Address: bonnie.atwater@solarismidstream.com Date: 10/31/2018 Phone: 432-203-9020	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title:	
	Approved Date: <i>01/09/18</i>	Expiration Date: <i>11/09/20</i>
	See Attached	

Conditions of Approval

SOLARIS MIDSTREAM
Screech State SWD #1
WELLSBORE DATA SHEET

FIELD: SWD
 WELL: Screech State SWD #1
 LOC.: 317' FN, and 1,317' FEL
 Les. Co. NM
 OBJECTIVE: Devonian/Fuselman SWD

TOTAL DEPTH: 19,910
 SURF. LOC'N: Section 16, T25S, R35E
 BTM. HOLE LOC'N: Same As Above
 SURFACE ELEV.: 3296.0

LOGGING FUNCTIONAL	CASING SIZE (IN.)	R/OB DRILL DEPTH MD	TVD	BOPE	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRAC GRAD
Grnd Level	RKB	30						
	GL ELEV.	3,238			Set and grouted			
	39"	120'	120'		Open		8.8	
	64 lb/r H-40	846	846		26"		8.4	
	20"	846	846		Rustler		8.4	
	13.378"	3,645			21-1/4"-5M Annular/Diverter		9.5	
Mud Logging to begin @2900'		5,263			Castle			
	72 lb/r HCL-80 BTC	5,314			Limer			
		6,359	6,359		Ball Canyon	17.5"	9.5 to 10	
	13.378"	6,359	6,359		Cherry Canyon		10.0	
	70L	7,627			15-5/8"-5M Annular		9.4	FT
	47 lb/r HCP 110	7,627	7,627		13-5/8"-10M BOP's		10.0	
	9.625"	8,036			Brushy Canyon			
		10,148			Bone Spring Ls			
		10,284			First BS Line			
		10,594			2nd BS Sand			
		10,632			2nd BS line			
		11,764			2nd BS Sand			
		11,982			Third BS Line		9.4	
		12,205			Third BS Sand	12.25"	to	
		12,649			Walcamp upper		10.0	
		13,331	13,331		Walcamp lower			
		15,831	15,831		13-5/8"-5M Annular		10.0	
		13,551			13-5/8"-10M BOP's		12.5	16.8
		14,232			Strawn			
		15,277			Aboka			
		17,338			Morrow		12.5	
		17,891			Mississippi	8.5"	to 13.5	
		18,109	18,109		Woodford Shale			
		18,109	18,109		Devonian		13.5	
		19,338			Fuselman	6.5"	9.0	
Run #1		19,338						
LITRON	19,910 - 0							
SIT/CBL	18,109 - 0							
Dust	0"	TD	19,910	19,910				
					13-5/8"-5M Annular	TD at Base of Fuselman		
					13-5/8"-10M BOP's			

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-45346	SOLARIS WATER MIDSTREAM	Screech State SWD # 001

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Review administrative order when approved for additional conditions of approval

Other wells

Casing

XXXXXXX	SURFACE, INTERMEDIATE(1) & PRODUCTION CASING - Cement must circulate to surface -- Liner(1) Cement come to top of liner
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

Water flows

XXXXXXX	Must notify OCD Hobbs Office of any water flow in the Salado formation at 575-370-3186. Report depth and flow rate.

Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

Completion & Production

XXXXXXX	Will require a deviational survey with the C-105
XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	May not inject prior to SWD order approval
XXXXXXX	Must conduct & pass MIT prior to any injection