

Additional Information

Updated Casing Design 2/25/20

SOLARIS WATER MIDSTREAM, LLC

SHAKENBAKE FED SWD #1

WELLBORE DATA SHEET

HOLE / CASING	DEPTH MD / TVD	FORMATION	LOCATION	Sec 12, T20S - R36E																		
	30'		SHL	206' FNL & 2,334' FEL																		
30"	120'	Open	COORDS	32.5945942, -103.9245841																		
	705'	Rustler	COUNTY	Eddy																		
26" / 20"	725'	21-1/4"-5M Annular/Diverter	STATE	New Mexico																		
	2,005'	Yates	TOTAL DEPTH	14,610'																		
18.125" / 16"	2,255'	13-5/8"-5M Annular	<table><tr><th colspan="2">Tubing Information</th></tr><tr><td>OD</td><td>5.5"</td></tr><tr><td>WT</td><td>20#</td></tr><tr><td>ID</td><td>4.778"</td></tr><tr><td>Drift ID</td><td>4.653"</td></tr><tr><td>Weight</td><td>20#</td></tr><tr><td>Grade</td><td>P-110</td></tr><tr><td colspan="2">XO @ 9,730' from 5.5" to 5"</td></tr><tr><td>Depth Set</td><td>13,610'</td></tr></table>		Tubing Information		OD	5.5"	WT	20#	ID	4.778"	Drift ID	4.653"	Weight	20#	Grade	P-110	XO @ 9,730' from 5.5" to 5"		Depth Set	13,610'
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XO @ 9,730' from 5.5" to 5"																						
Depth Set	13,610'																					
9-5/8" DV Tool @ 4,505'	2,305'	Reef																				
14.75" / 13.375"	4,580'	13-5/8"-5M Annular																				
	4,605'	13-5/8"-10M BOP's																				
	6,830'	Massive Del Sand																				
	9,630'	Bone Spring LS																				
	9,930'	3rd BS Sand																				
	10,030'	Wolfcamp																				
12.25" / 9.625"	10,130'	13-5/8"-5M Annular																				
	10,765'	13-5/8"-10M BOP's																				
	11,030'	Cisco																				
	11,130'	Canyon																				
	11,130'	Strawn																				
	11,530'	Atoka																				
	11,770'	Morrow LS																				
	12,110'	Middle Morrow																				
	12,460'	Lower Morrow																				
	12,635'	Barnett																				
	13,010'	Miss LS																				
	13,510'	Woodford																				
8.5" / 7.625"	13,610'	Devonian																				
		13-5/8"-5M Annular																				
		13-5/8"-10M BOP's																				
6.5" OPEN HOLE	TD	Base of Fusselman																				
	14,610'	13-5/8"-5M Annular																				
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