

Additional Information

Updated wellbore diagram on 12/19/19



SOS Consulting, LLC

SOLARIS WATER MIDSTREAM

Klein 4 SWD #1

WELLBORE DATA SHEET

FIELD NAME: SWD
WELL NAME: Klein 4 SWD #1
LOCATION: 758' FSL & 608' FWL
 Lea, Co, NM
OBJECTIVE: Devonian/Fusselman SWD

TOTAL DEPTH: 15,913
SURF. LOC'N: Section 4, T20S, R35E
BTM. HOLE LOC'N: Same As Above
SURFACE ELEV.: 3691.0

MUD LOGGING E LOGGING/ DIRECTIONAL	CASING SIZE (IN.)	RKB DRILL DEPTH	MD	TVD	BOPE	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRAC GRAD
Grnd Level	RKB	30							
	GL ELEV.	3,731				Set and grouted			
	30"	120'	/	120'	Open			8.8	
							18.125"	8.4	
	16"	1963	/	1,983	21-1/4"-5M Annular/Diverter	Rustler		8.4	
84 lb/ft J55, BTC								9.5	
		3,538				Yates			
		3,763				Seven Rivers			
		4,638				Queen	14.75"	9.5 to 10	
		5,563				Delaware			
Mud Logging to begin @ 2,500'		5,783	/	5,833	13-5/8"-5M Annular	Cherry Canyon		10.0	
13.375"					13-5/8"-10M BOP's			9.4	FIT
68 lb/ft -80, EZ-GO FJ		6,388				Brushy Canyon			
		8,163				Bone Spring LM			
		9,638				First BS Sand			
		3,721				2nd BS Sand			
		10,213				Third BS Sand		9.4 to 10.0	
		11,038				Wolfcamp	12.25"		
		11,163							
TOL		11,768	/	11,768					
9.625"					13-5/8"-5M Annular			10.0	
53.50 lb/ft HCP-110, BT		11,968	/	11,968	13-5/8"-10M BOP's			12.5	15.6
		11,988				Strawn			
		12,288				Atoka			
		12,763				Morrow			
		13,363				Barnett	8.5"	12.5 to 13.5	
		13,513				Mississippian LM			
		14,113				Woodford Shale			
Liner Weir 625'		14,713	/	14,713	13-5/8"-5M Annular	Devonian		13.5	
39 IP-110					13-5/8"-10M BOP's				
Run #1		15,813				Fusselman	6.5"	9.0	
GR/NEUTRON 15,913 - 0									
USIT/CBL 14,713 - 0									
Dual 0"		TD 15,913	/	15,913	13-5/8"-5M Annular	TD at Base of Fusselman			
					13-5/8"-10M BOP's				