

SOLARIS MIDSTREAM LLC

Okeanos #1 SWD API 30-025-44189



FIELD: SWD
WELL: Okeanos #1 SWD
LOCATION: 789' FSL & 507' FWL, Sec. 36, T20S, R34E
 Lea Co, NM
OBJECTIVE: Devonian Data Mite

TOTAL DEPTH: 16,393
SURF. LOC'N: 789' FSL & 507' FWL, Sec. 36, T20S, R34E
BTM. HOLE LOC'N: 789' FSL & 507' FWL, Sec. 36, T20S, R34E
SURFACE ELEV.: 3535'
CREATED BY: JIM DOCHERTY

MUD LOGGING E LOGGING/ DIRECTIONAL	CASING SIZE (IN)	RKB DRILL DEPTH MD TVD	FORMATION	HOLE SIZE (IN)	MUD WT.	FRAC GRAD
Gmd Level	RKB	28'				
	GL ELEV.	3535'				
120'	30"		Set and grouted			
			Spud mud 8.4# - 9.7#			
1767'	20" 133# X60 THRD: SM60MT		Rustler Anhydrite base	9.7		
8/11/18 Perforated 13-5/8" casing at 1820'. M&P 236 bbls lead cmt at 12.7 ppg & 96 bbls tail at 14.8 ppg. Circulated 10 bbls cement to surface.			LP 595 bbls 13.5 ppg lead & 237 bbls 14.8 ppg tail cement. Rec'd 156 bbls cement at surface.	10.0		
8/11/18 Ran temp survey in 13-5/8" after cement. TOC at 2800'						
Recoverd 75 bbls cement at DV tool. 9 5/8" DV/ ECP at 5,561'			Above 9-7/8" DV tool M&P 295 bbls 11.8 ppg Lead & 27 bbls 14.8 ppg tail Recovered 65 bbls cement at surface			
5653'	13 5/8" 88.2# HCQ125 H523		Base of Captain Reef	9.5		
			M&P 453 bbls of 10.6 ppg Lead #1, 463 bbls of 12.7 ppg Lead #2, 198 bbls of 14.8 ppg tail. No cement to surface. Found cement top at 2800' with temp survey.			
			5-1/2" 23# P110 JCD1 Injection Tubing IPC provided by Tex-Isle			
				12 1/4"	9.0 to 9.6	
			Tubing Crossover ~11,236' 5-1/2" 23# JCD1 BOX x 5" 21.4# TMK USF PIN			
11,660'	9 7/8" 62.8# Q125 BTC					
			M&P 359 bbls of Lead cmt @ 11.2 ppg & 35 bbls tail at 14.5 ppg. Recovered 75 bbls cement to ECP/DV.	9.6 10.0	14.5	
			5" 21.4# P110 TMK USF Injection Tubing IPC provided by Lonsatring			
				8 1/2"		
			Nickel 925 Cross Over 5" 21.4# TMK USF Box x 3-1/2" 9.2# VAM TOP Pin Haliburton Production Packer top @ 14,876', end of tailpipe at 14,933'			
14,933'	7 5/8" 39# HCQ125 Flush		M&P 67 bbls of 15.6 ppg cement. Recoverd 10 bbls cement to liner top.	11.3		
			Devonian			
Run #1	GR/NEUTRON 16,393 - 0 USIT/CBL 0 - 0			6-1/2"	8.4# FW	
	Dual	TC 16,393 / 16,393	TD at Base of Fusselman			

Injection Tubulars

Size	Weight & Grade	Thread	IPC	Top	Bottom	Length
5-1/2"	23# P110	JCD1	Y	0'	11,236'	11,236'
5"	21.4# P110	TMK USF	Y	11,236'	14,876'	3,639'