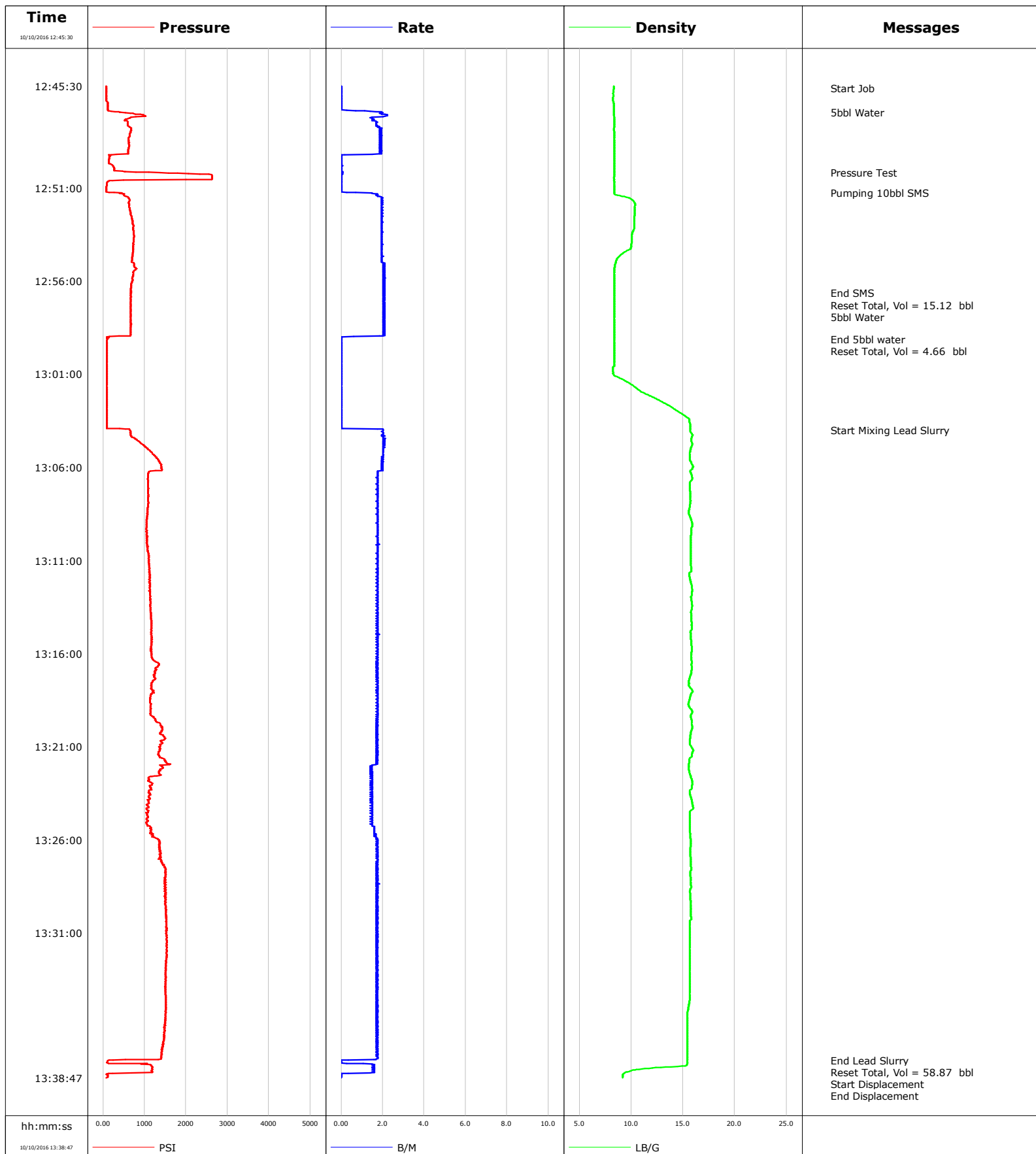


Well Stieber 12-24A
Field DJ
Engineer Chris Valerio/Jordan Moreland
Country United States

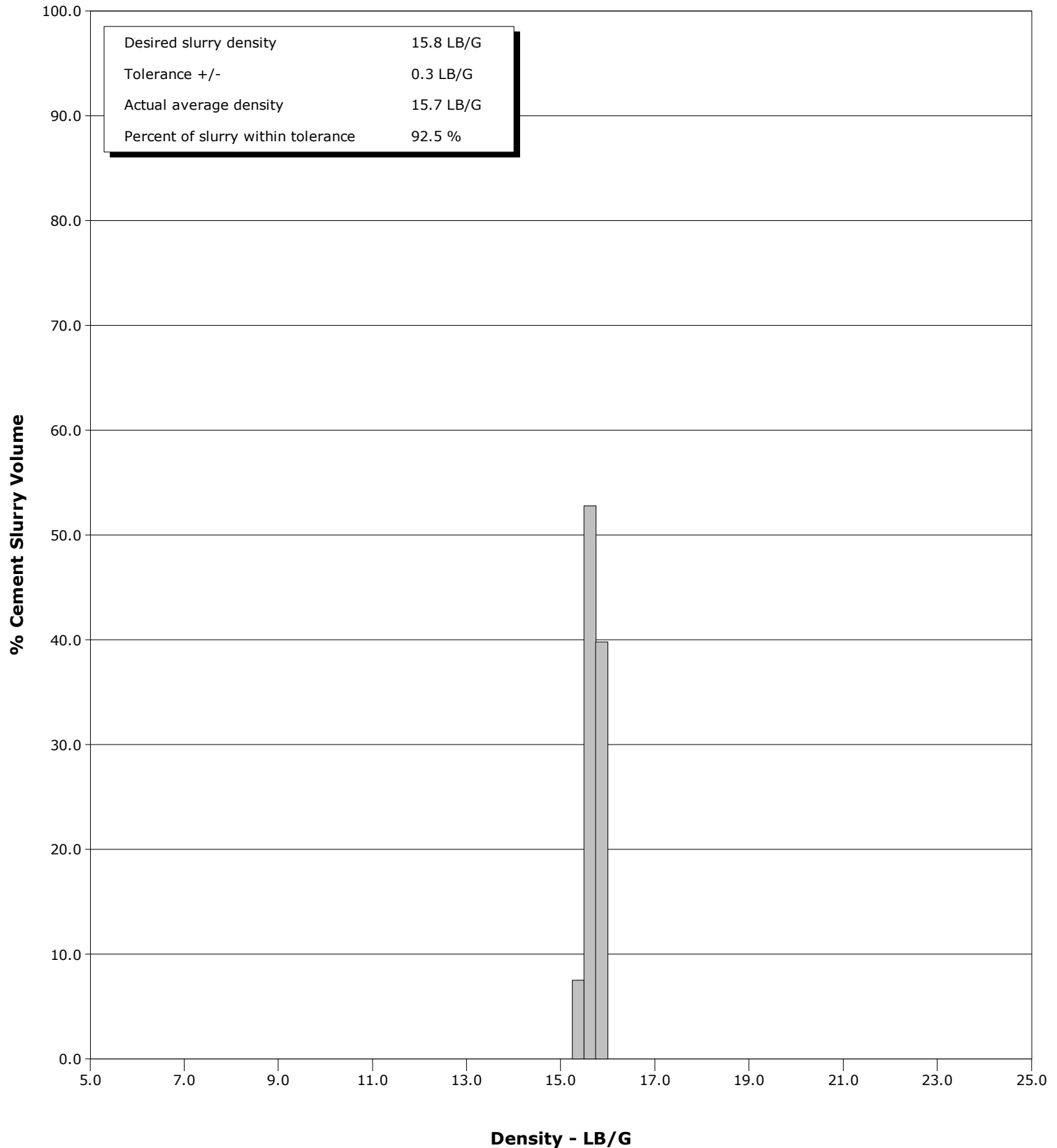
Client Anadarko
SIR No. DA6T-00003
Job Type Annular Fill
Job Date 10-10-2016



Well Stieber
Field DJ
Engineer Chris Valerio/Jordan Moreland
Country United States

Client Anadarko
SIR No. DA6T-00003
Job Type Annular Fill
Job Date 10-10-2016

Cement Slurry - 10/10/2016 13:03:55 to 10/10/2016 13:37:36



Cementing Service Report

				Customer Anadarko			Job Number DA6T-00003				
Well Stieber 12-24A			Location (legal)			Schlumberger Location			Job Start Oct/10/2016		
Field DJ		Formation Name/Type Shale		Deviation deg		Bit Size 8.5 in		Well MD 1609.0 ft		Well TVD 1609.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal	
Well Master 0630394043		API/UWI 512320737									
Rig Name Concord #3		Drilled For N/A		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Workover		892.0		8.6		24.0	
						1600.0		4.5		11.6	
Drilling Fluid Type Other		Max. Density 8.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type Annular Fill				T		1600.0		1.7	
										2.3	
										J55	
										8RD	
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval	
						ft		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
Service Instructions 5bbl Water 10bbl SMS 5bbl Water 53bbl 257sks CMT @ 15.8# 1.16 Yield 5.11 Gal/sk water Displace .5bbl water Estimated top of CMT 824'						Treat Down Tubing		Displacement 0.5 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. 2.9 bbl		Casing Vol. bbl		Annular Vol. bbl	
										Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job		
Lift Pressure psi						Shoe Type			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft			Tool Type		
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For Oct/10/2016 11:00		Arrived on Location Oct/10/2016 11:00		Leave Location Oct/10/2016 14:30		Collar Type			Tail Pipe Depth ft		
						Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message					
10/10/2016	12:45:30	77	0.0	8.31	0.0	Started Acquisition					
10/10/2016	12:45:37	77	0.0	8.31	0.0	Start Job					
10/10/2016	12:46:55	402	1.9	8.35	0.1	5bbl Water					
10/10/2016	12:50:10	1377	0.1	8.36	4.3	Pressure Test					
10/10/2016	12:50:30	2627	0.0	8.35	4.3						
10/10/2016	12:51:14	265	0.7	8.35	4.4	Pumping 10bbl SMS					
10/10/2016	12:55:30	727	2.0	8.38	12.6						
10/10/2016	12:56:38	672	2.0	8.37	15.0	End SMS					
10/10/2016	12:56:42	667	2.0	8.36	15.1	Reset Total, Vol = 15.12 bbl					
10/10/2016	12:56:51	672	2.0	8.36	0.3	5bbl Water					
10/10/2016	12:59:06	104	0.0	8.36	4.7	End 5bbl water					
10/10/2016	12:59:14	95	0.0	8.36	4.7	Reset Total, Vol = 4.66 bbl					
10/10/2016	13:00:30	91	0.0	8.37	0.0						
10/10/2016	13:03:59	640	2.0	15.69	0.1	Start Mixing Lead Slurry					
10/10/2016	13:05:30	1290	2.0	15.63	3.2						
10/10/2016	13:10:30	1089	1.8	15.75	12.2						
10/10/2016	13:15:30	1166	1.8	15.80	20.9						
10/10/2016	13:20:30	1482	1.7	15.69	29.7						
10/10/2016	13:25:30	1139	1.6	15.66	37.5						
10/10/2016	13:30:30	1533	1.7	15.65	46.1						
10/10/2016	13:35:30	1510	1.7	15.41	54.8						

Well			Field		Job Start	Customer		Job Number	
Stieber 12-24A			DJ		Oct/10/2016	Anadarko		DA6T-00003	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message			
10/10/2016	13:37:57	100	0.0	15.39	58.9	Reset Total, Vol = 58.87 bbl			
10/10/2016	13:38:00	114	0.0	15.39	0.0	Start Displacement			
10/10/2016	13:38:35	91	0.0	9.23	0.8	End Displacement			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 1.8	N2	Mud	Maximum Rate 2.2	Total Slurry 53.0	Mud 0.0	Spacer 20.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 1641	Final 49	Average 986	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 53.0 bbl	Displacement 0.5 bbl	Mix Water Temp 67 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Luis Morales			Schlumberger Supervisor Chris Valerio/Jordan Moreland			Circulation Lost <input checked="" type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					