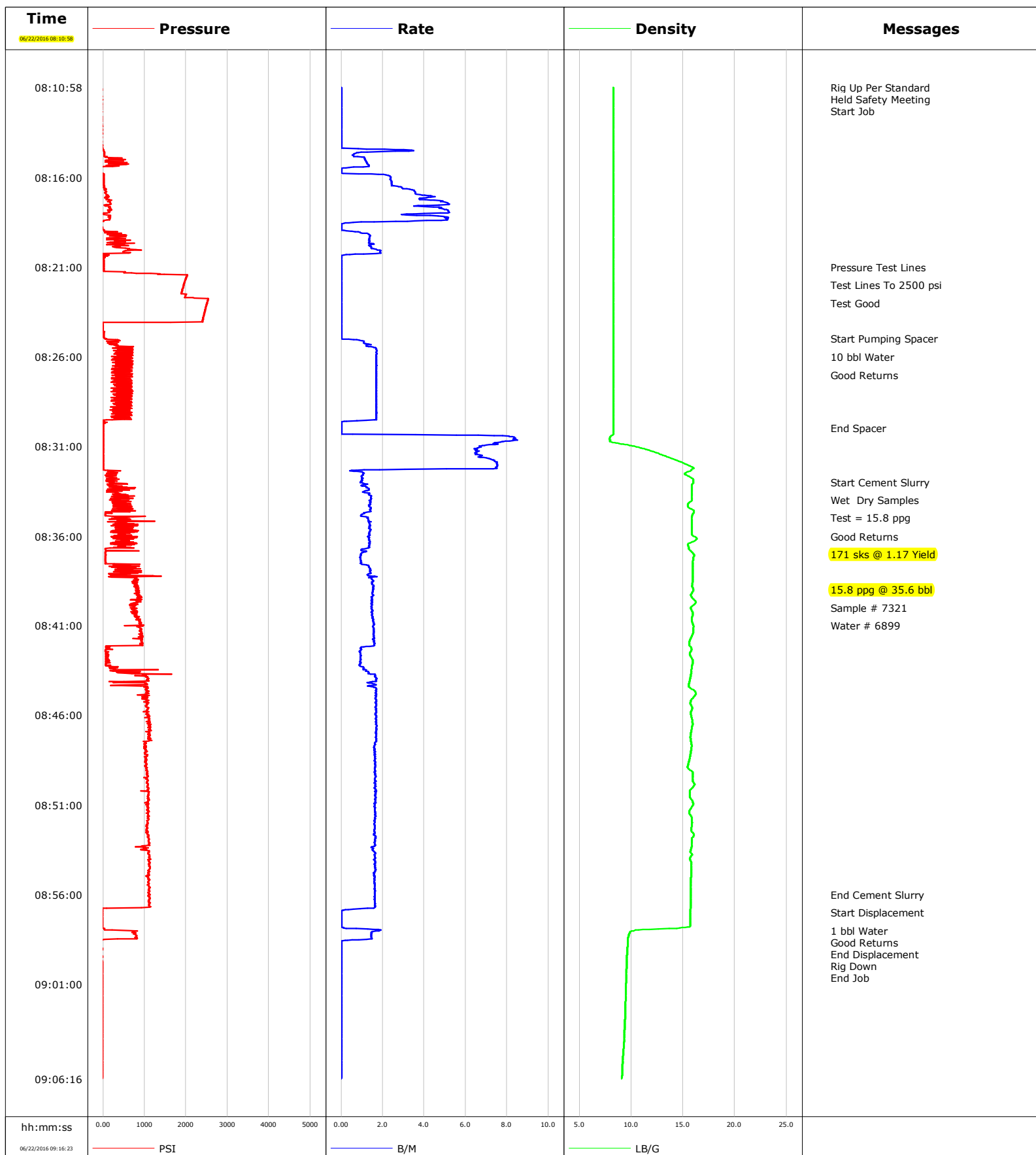


Well Newby 22-33
Field Wattenberge
Engineer Jordan Moreland / Matt Leiker
Country United States

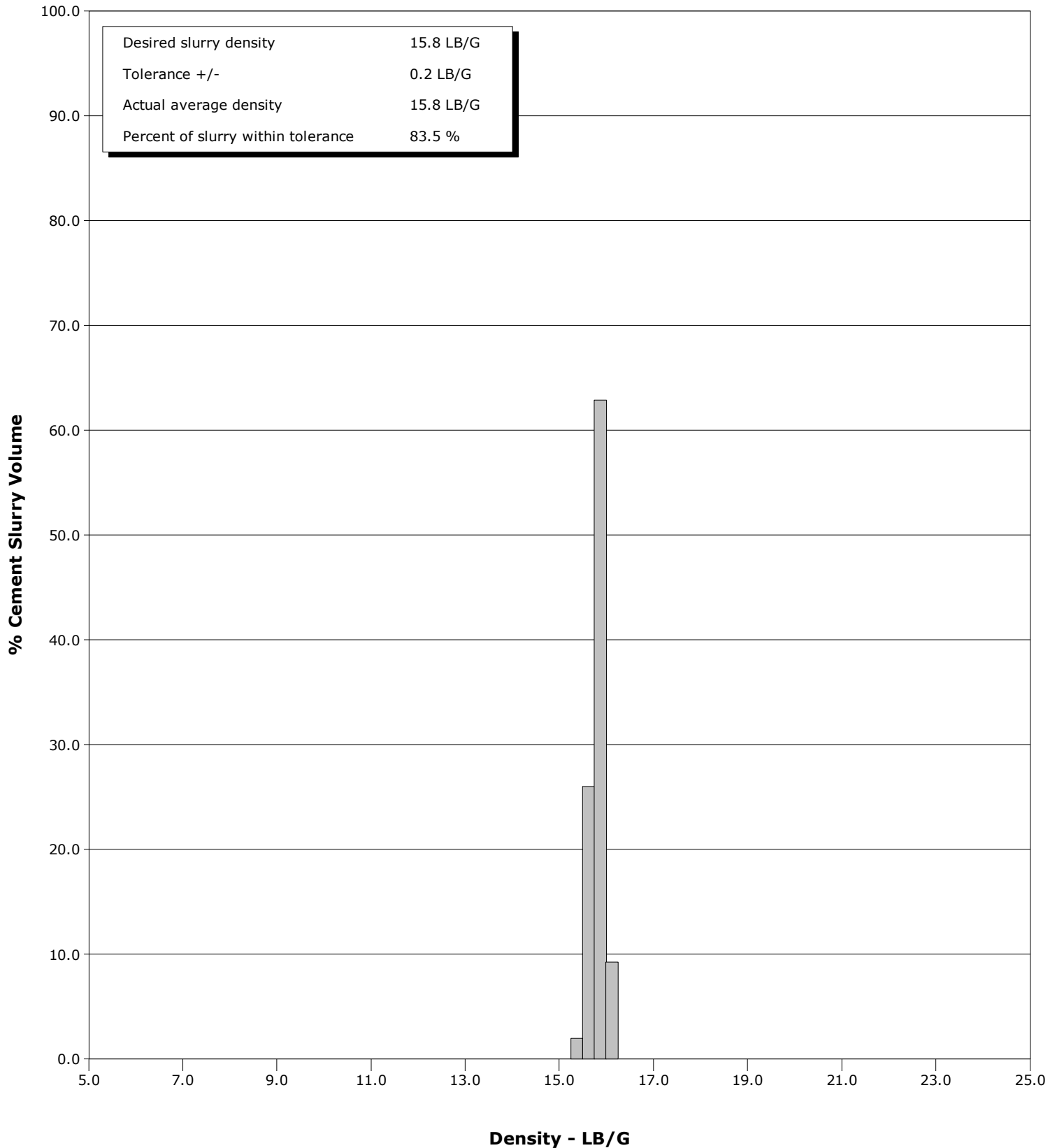
Client Anadarko
SIR No. D5VO-00148
Job Type Annular Fill
Job Date 06-22-2016



Well Newby 22-33
Field Wattenberge
Engineer Jordan Moreland / Matt Leiker
Country United States

Client Anadarko
SIR No. D5VO-00148
Job Type Annular Fill
Job Date 06-22-2016

Cement Slurry - 06/22/2016 08:37:39 to 06/22/2016 08:50:13



Cementing Service Report

				Customer Anadarko			Job Number D5VO-00148												
Well Newby 22-33			Location (legal)			Schlumberger Location			Job Start Jun/22/2016										
Field Wattenberge			Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft							
County Weld			State/Province Colorado			BHP psi		BHST 203 degF		BHCT 185 degF		Pore Press. Gradient lb/gal							
Well Master 0631083799			API/UWI 05123295510000																
Rig Name Concord 7		Drilled For Oil		Service Via Land		Casing/ Liner													
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread					
Offshore Zone		Well Class Old		Well Type Workover		883.0		8.6		24.0		J55		8RD					
						0.0		0.0		0.0									
Drilling Fluid Type			Max. Density 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		1500.0		1.7		2.3		J55		8RD	
										0.0		0.0		0.0					
Max. Allowed Tub. Press 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 in		
									Treat Down Tubing		Displacement 1.0 bbl		Packer Type		Packer Depth ft				
									Tubing Vol. 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 Jun/22/2016			Arrived on Location Jun/22/2016			Leave Location Jun/22/2016			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	Volume NULL	Message													
06/22/2016	08:10:58	-24	0.0	8.28	4	Rig Up Per Standard													
06/22/2016	08:11:00	-28	0.0	8.28	4	Start Job													
06/22/2016	08:12:58	-28	0.0	8.28	4														
06/22/2016	08:14:58	136	1.1	8.28	4														
06/22/2016	08:16:58	104	3.8	8.28	4														
06/22/2016	08:18:58	40	0.1	8.28	4														
06/22/2016	08:20:58	17	0.0	8.28	4														
06/22/2016	08:21:00	17	0.0	8.28	4	Pressure Test Lines													
06/22/2016	08:22:00	1945	0.0	8.27	4	Test Lines To 2500 psi													
06/22/2016	08:23:00	2508	0.0	8.27	4	Test Good													
06/22/2016	08:24:58	36	0.0	8.26	4														
06/22/2016	08:25:00	86	0.0	8.26	4	Start Pumping Spacer													
06/22/2016	08:26:00	205	1.7	8.28	4	10 bbl Water													
06/22/2016	08:26:58	439	1.7	8.28	4														
06/22/2016	08:27:00	699	1.7	8.28	4	Good Returns													
06/22/2016	08:28:58	567	1.7	8.28	4														
06/22/2016	08:30:00	8	0.0	8.28	4	End Spacer													
06/22/2016	08:30:58	8	6.8	9.98	9														
06/22/2016	08:32:58	114	1.0	15.99	4														
06/22/2016	08:33:00	274	0.9	15.99	4	Start Cement Slurry													
06/22/2016	08:34:00	159	1.4	15.84	4	Wet Dry Samples													

Well			Field		Job Start		Customer		Job Number	
Newby 22-33			Wattenberge		Jun/22/2016		Anadarko		D5VO-00148	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message				
06/22/2016	08:35:00	576	1.3	15.84	4	Test = 15.8 ppg				
06/22/2016	08:36:00	704	1.3	15.97	4	Good Returns				
06/22/2016	08:36:58	63	1.0	15.96	4					
06/22/2016	08:37:00	59	0.9	16.00	4	171 sks @ 1.17 Yield				
06/22/2016	08:38:58	828	1.6	15.98	4					
06/22/2016	08:39:00	860	1.5	15.99	4	15.8 ppg @ 35.6 bbl				
06/22/2016	08:40:00	667	1.5	15.75	4	Sample # 7321				
06/22/2016	08:40:58	910	1.6	15.97	4					
06/22/2016	08:41:00	526	1.6	15.98	4	Water # 6899				
06/22/2016	08:42:58	72	0.9	15.94	4					
06/22/2016	08:44:58	942	1.7	16.07	4					
06/22/2016	08:46:58	1098	1.7	15.76	4					
06/22/2016	08:48:58	1038	1.6	15.50	4					
06/22/2016	08:50:58	1093	1.6	15.97	4					
06/22/2016	08:52:58	1111	1.6	15.84	4					
06/22/2016	08:54:58	1038	1.6	15.80	4					
06/22/2016	08:56:00	1121	1.6	15.75	4	End Cement Slurry				
06/22/2016	08:56:58	-24	0.0	15.71	4					
06/22/2016	08:57:00	-24	0.0	15.71	4	Start Displacement				
06/22/2016	08:58:58	-28	0.0	9.63	4					
06/22/2016	08:59:00	-24	0.0	9.63	4	End Displacement				
06/22/2016	09:00:00	-24	0.0	9.56	4	Rig Down				
06/22/2016	09:00:58	-24	0.0	9.50	4					
06/22/2016	09:02:58	-24	0.0	9.40	4					
06/22/2016	09:04:58	-24	0.0	9.21	4					
06/22/2016	09:06:58	-24	0.0	9.06	4					
06/22/2016	09:08:58	-24	0.0	8.98	4					
06/22/2016	09:10:58	17	4.4	8.95	4					
06/22/2016	09:12:58	59	3.8	8.12	4					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 1.4	N2	Mud	Maximum Rate 1.9		Total Slurry 35.6	Mud 0.0	Spacer 10.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 2540	Final 0	Average 644	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 1.0 bbl		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
						Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Danny Olmeda			Schlumberger Supervisor Jordan Moreland / Matt Leiker			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>		
						-		-		