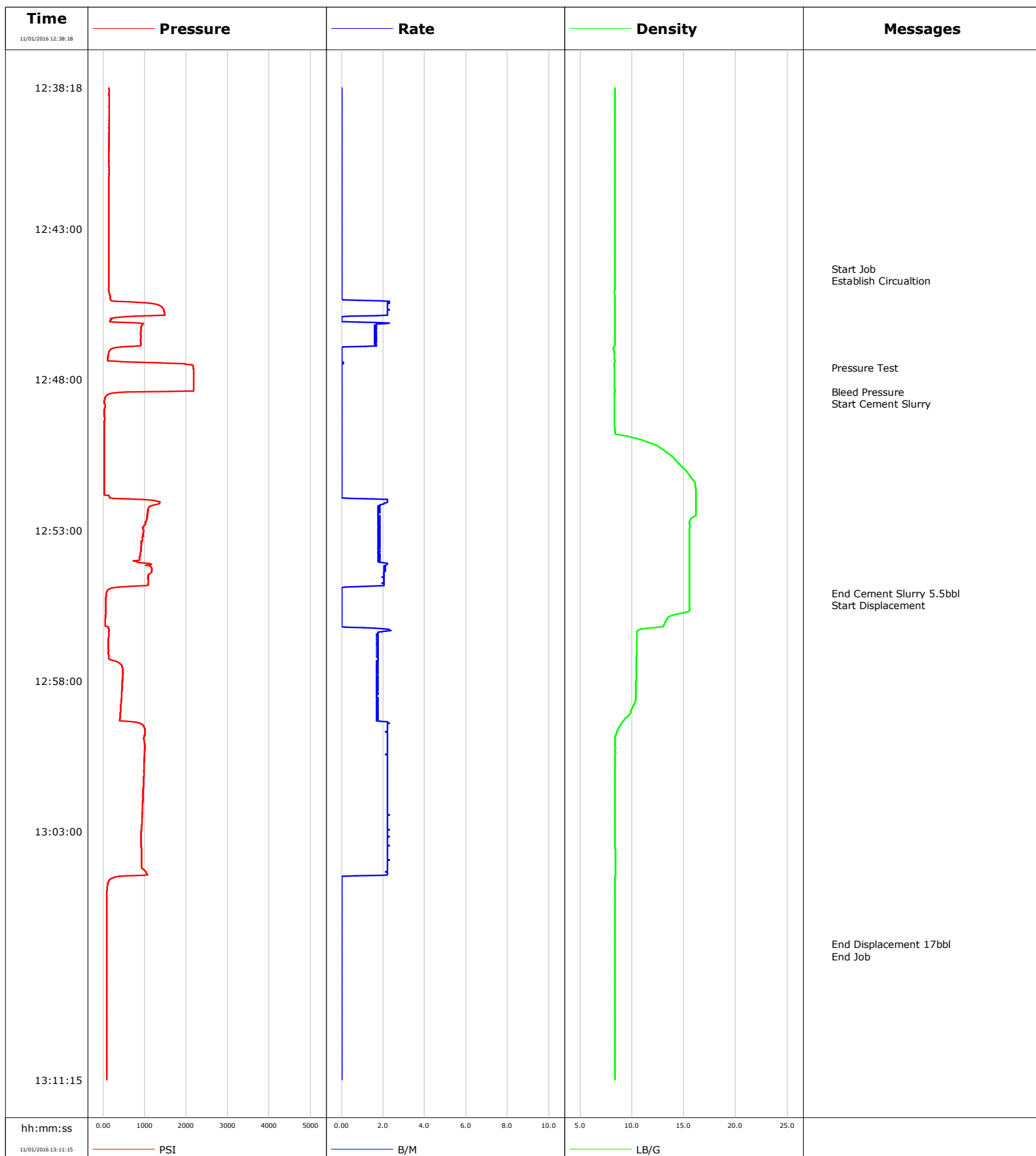


Well UPRC19-15L
Field DJ
Engineer Chris Valerio
Country United States

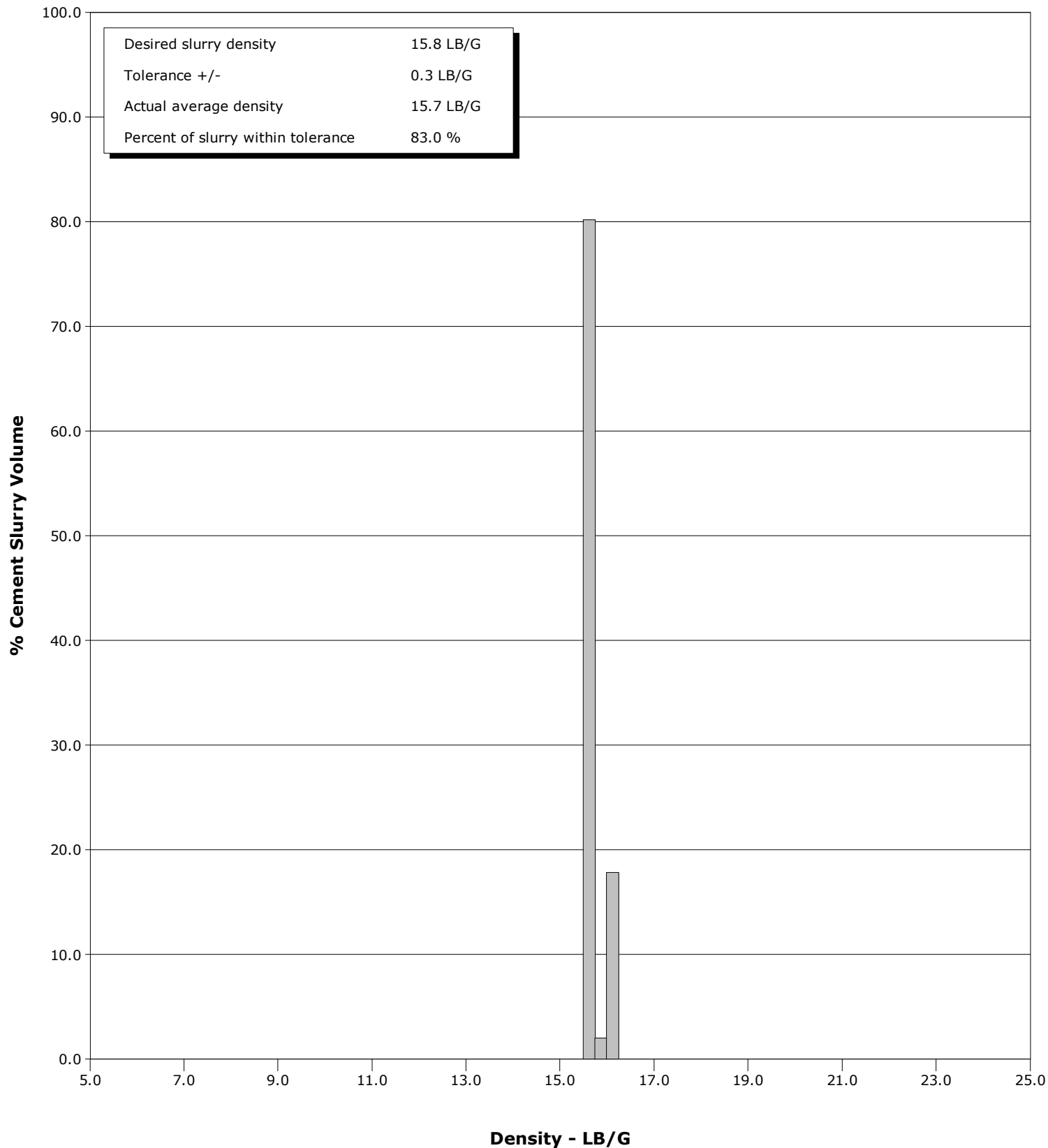
Client Anadarko
SIR No. DP9E-00035
Job Type Niobrara Plug
Job Date 11-01-2016



Well UPRC
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. DP9E-00035
Job Type Niobrara Plug
Job Date 11-01-2016

Cement Slurry - 11/01/2016 12:52:04 to 11/01/2016 12:54:49



Cementing Service Report

				Customer Anadarko			Job Number DP9E-00035						
Well UPRC 19-15L			Location (legal)			Schlumberger Location			Job Start Nov/01/2016				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD 7155.0 ft		Well TVD 7155.0 ft		
County Weld		State/Province Colorado			BHP psi		BHST 220 degF		BHCT 210 degF		Pore Press. Gradient lb/gal		
Well Master 0631696379		API/UWI 512317445											
Rig Name Concord #5		Drilled For N/A		Service Via Land		Casing/ Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						7155.0		3.5		7.7		N80	
Offshore Zone		Well Class Old		Well Type Workover		0.0		0.0		0.0			
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	
						T		7155.0		2.1		3.3	
								0.0		0.0		0.0	
Service Line Cementing		Job Type Niobrara Plug				Perforations/Open Hole							
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft				Total Interval ft	
						ft		ft				Diameter in	
						ft		ft					
						Treat Down Tubing		Displacement 17.0 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. 21.3 bbl		Casing Vol. 65.3 bbl		Annular Vol. 35.7 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 Nov/01/2016 09:30		Arrived on Location Nov/01/2016 09:30		Leave Location Nov/01/2016 13:30		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							
11/01/2016	12:38:18	141	0.0	8.37	0.0	Started Acquisition							
11/01/2016	12:43:18	141	0.0	8.37	0.0								
11/01/2016	12:44:20	141	0.0	8.37	0.0	Start Job							
11/01/2016	12:44:31	141	0.0	8.37	0.0	Establish Circualtion							
11/01/2016	12:48:18	2187	0.0	8.35	2.5								
11/01/2016	12:48:24	1601	0.0	8.35	2.5	Bleed Pressure							
11/01/2016	12:48:37	49	0.0	8.35	0.0	Start Cement Slurry							
11/01/2016	12:53:18	947	1.8	15.54	2.5								
11/01/2016	12:55:06	81	0.0	15.54	5.5	End Cement Slurry 5.5bbl							
11/01/2016	12:55:16	68	0.0	15.54	0.0	Start Displacement							
11/01/2016	12:58:18	457	1.8	10.40	3.6								
11/01/2016	13:03:18	915	2.2	8.38	14.2								
11/01/2016	13:06:45	91	0.0	8.38	16.8	End Displacement 17bbl							
11/01/2016	13:06:53	91	0.0	8.38	16.8	End Job							

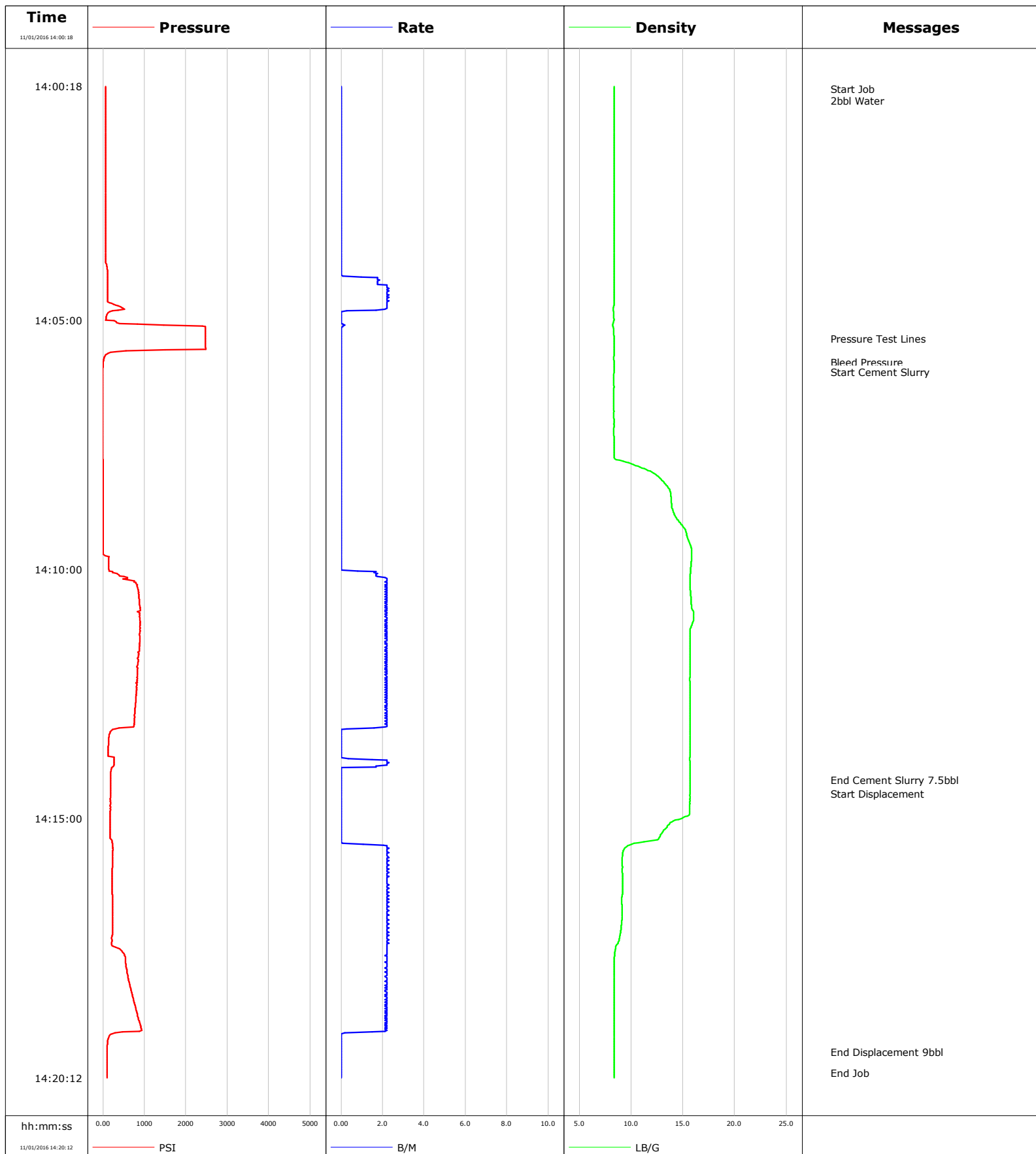
Well	Field	Job Start	Customer	Job Number
UPRC 19-15L	DJ	Nov/01/2016	Anadarko	DP9E-00035

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 2.0	N2	Mud	Maximum Rate 2.4		Total Slurry 5.5	Mud 0.0	Spacer 2.5	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 1386	Final 86	Average 440	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 5.5 bbl	Displacement 17.0 bbl	Mix Water Temp 64 degF	Cement Circulated to Surface? <input type="checkbox"/>			Volume bbl	
					Washed Thru Perfs <input type="checkbox"/>			To ft	
Customer or Authorized Representative Bryan Olmstead			Schlumberger Supervisor Chris Valerio			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
						-		-	

Well UPRC 19-15L
Field DJ
Engineer Chris Valerio
Country United States

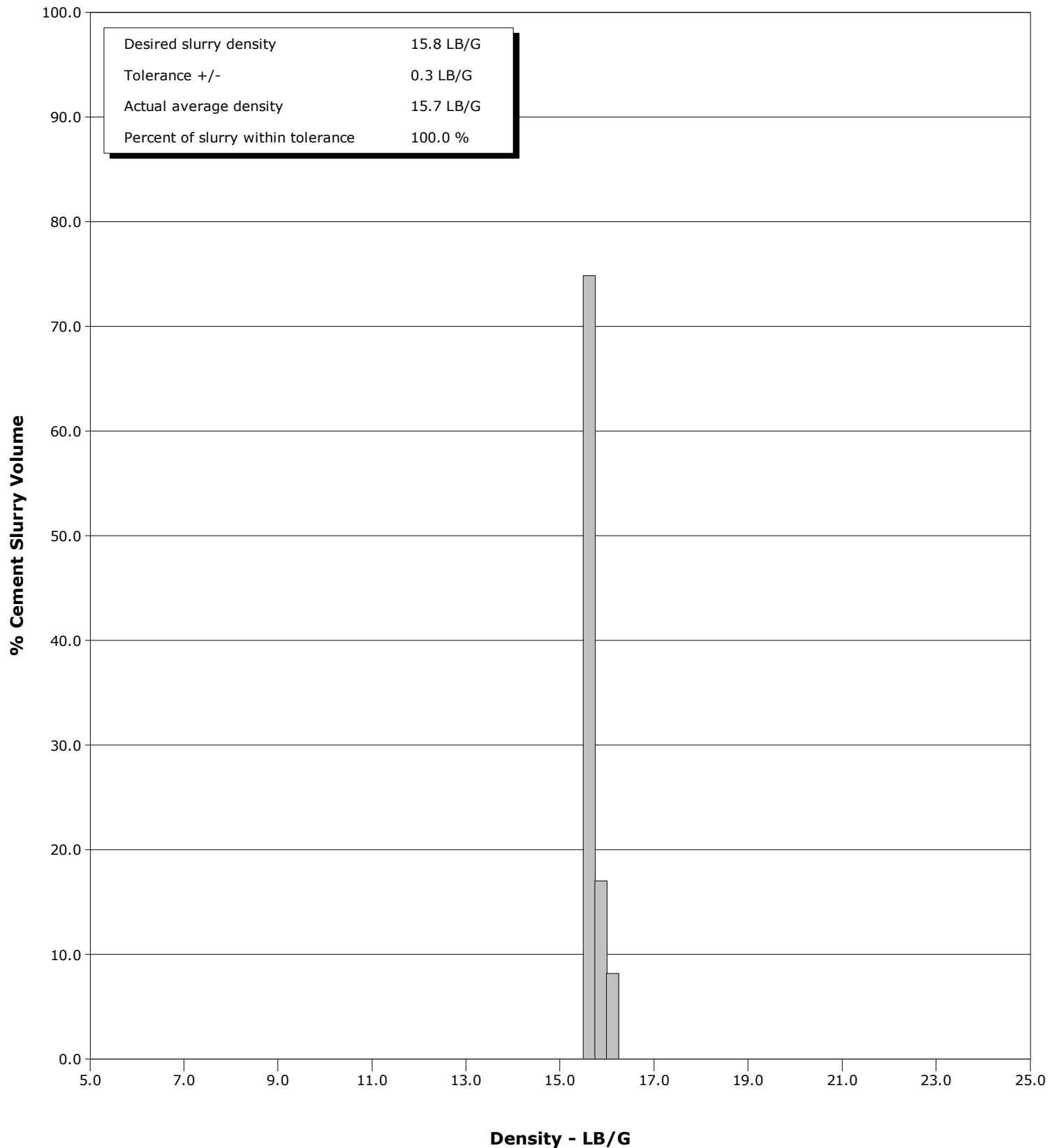
Client Anadarko
SIR No. DP9E-00035
Job Type Sussex Plug
Job Date 11-01-2016



Well UPRC
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. DP9E-00035
Job Type Sussex Plug
Job Date 11-01-2016

Cement Slurry - 11/01/2016 14:10:31 to 11/01/2016 14:13:09



Cementing Service Report

				Customer Anadarko			Job Number DP9E-00035						
Well UPRC 19-15L			Location (legal)			Schlumberger Location			Job Start Nov/01/2016				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD 4500.0 ft		Well TVD 4500.0 ft		
County Weld		State/Province Colorado			BHP psi		BHST 165 degF		BHCT 155 degF		Pore Press. Gradient lb/gal		
Well Master 0631696379		API/UWI 512317445											
Rig Name Concord #5		Drilled For N/A		Service Via Land		Casing/ Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						4500.0		3.5		7.7		L80	
Offshore Zone		Well Class Old		Well Type Workover		0.0		0.0		0.0			
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	
						T		4500.0		2.1		3.3	
								0.0		0.0		0.0	
Service Line Cementing		Job Type Sussex Plug				Perforations/Open Hole							
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft				Total Interval ft	
						ft		ft				Diameter in	
						ft		ft					
						Treat Down Tubing		Displacement 9.0 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. 13.4 bbl		Casing Vol. 41.1 bbl		Annular Vol. 22.5 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 Nov/01/2016 09:30		Arrived on Location Nov/01/2016 09:30		Leave Location Nov/01/2016 15:30		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							
11/01/2016	14:00:18	68	0.0	8.36	0.0	Started Acquisition							
11/01/2016	14:00:21	68	0.0	8.36	0.0	Start Job							
11/01/2016	14:00:32	68	0.0	8.36	0.0	2bbl Water							
11/01/2016	14:05:18	2471	0.0	8.35	1.4								
11/01/2016	14:05:22	2476	0.0	8.35	1.4	Pressure Test Lines							
11/01/2016	14:05:50	8	0.0	8.35	1.4	Bleed Pressure							
11/01/2016	14:06:02	-1	0.0	8.35	0.0	Start Cement Slurry							
11/01/2016	14:10:18	814	2.2	15.72	0.5								
11/01/2016	14:14:13	187	0.0	15.68	7.2	End Cement Slurry 7.5bbl							
11/01/2016	14:14:30	182	0.0	15.68	0.0	Start Displacement							
11/01/2016	14:15:18	178	0.0	12.95	0.0								
11/01/2016	14:19:41	104	0.0	8.36	8.3	End Displacement 9bbl							

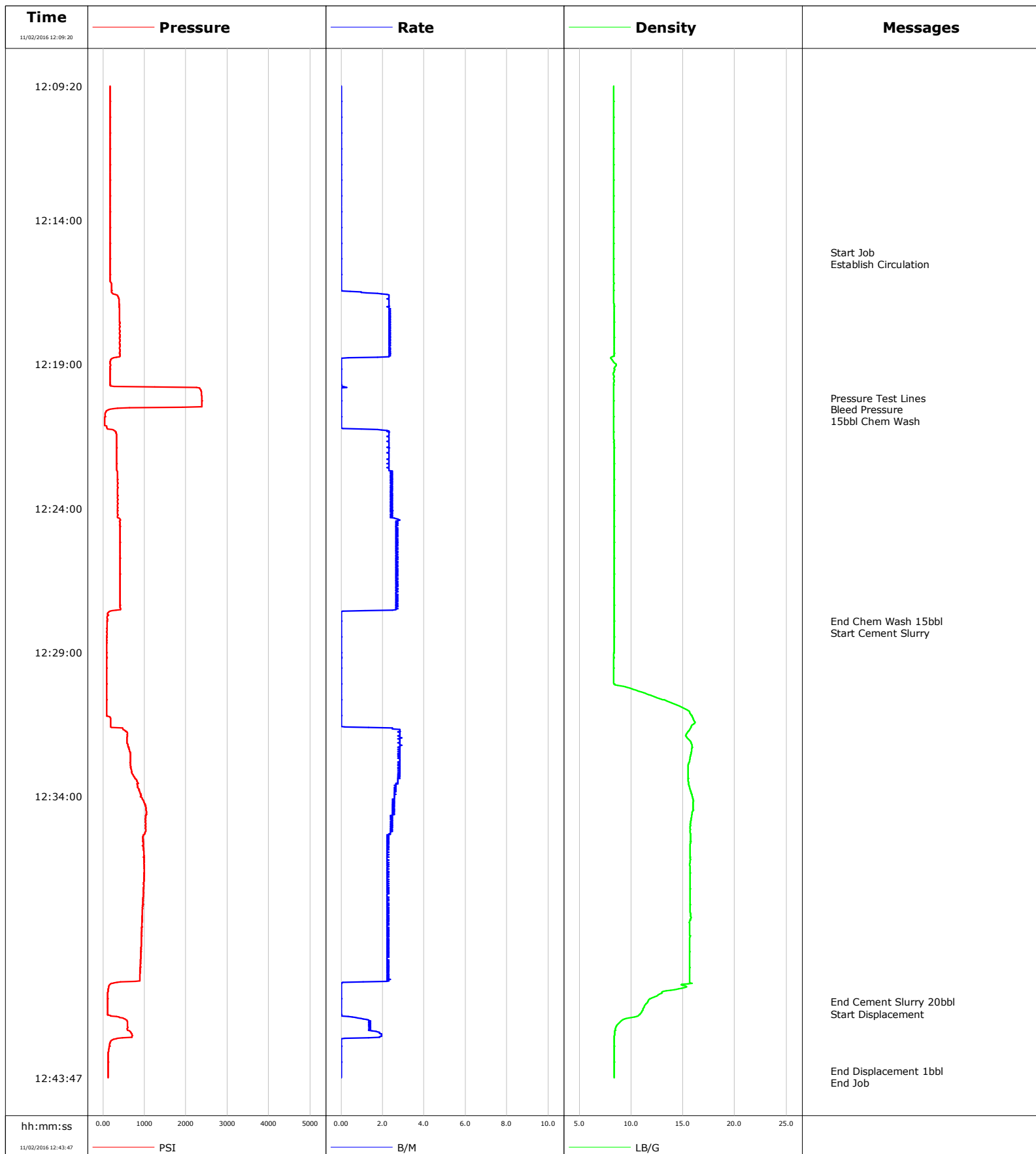
Well	Field	Job Start	Customer	Job Number
UPRC 19-15L	DJ	Nov/01/2016	Anadarko	DP9E-00035

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.1	N2	Mud	Maximum Rate 2.3		Total Slurry 7.5	Mud 0.0	Spacer 2.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 943	Final 100	Average 360	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 7.5 bbl		Displacement 9.0 bbl		Mix Water Temp 64 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Bryan Olmstead				Schlumberger Supervisor Chris Valerio				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

Well UPRC 19-15L
Field DJ
Engineer Chris Valerio
Country United States

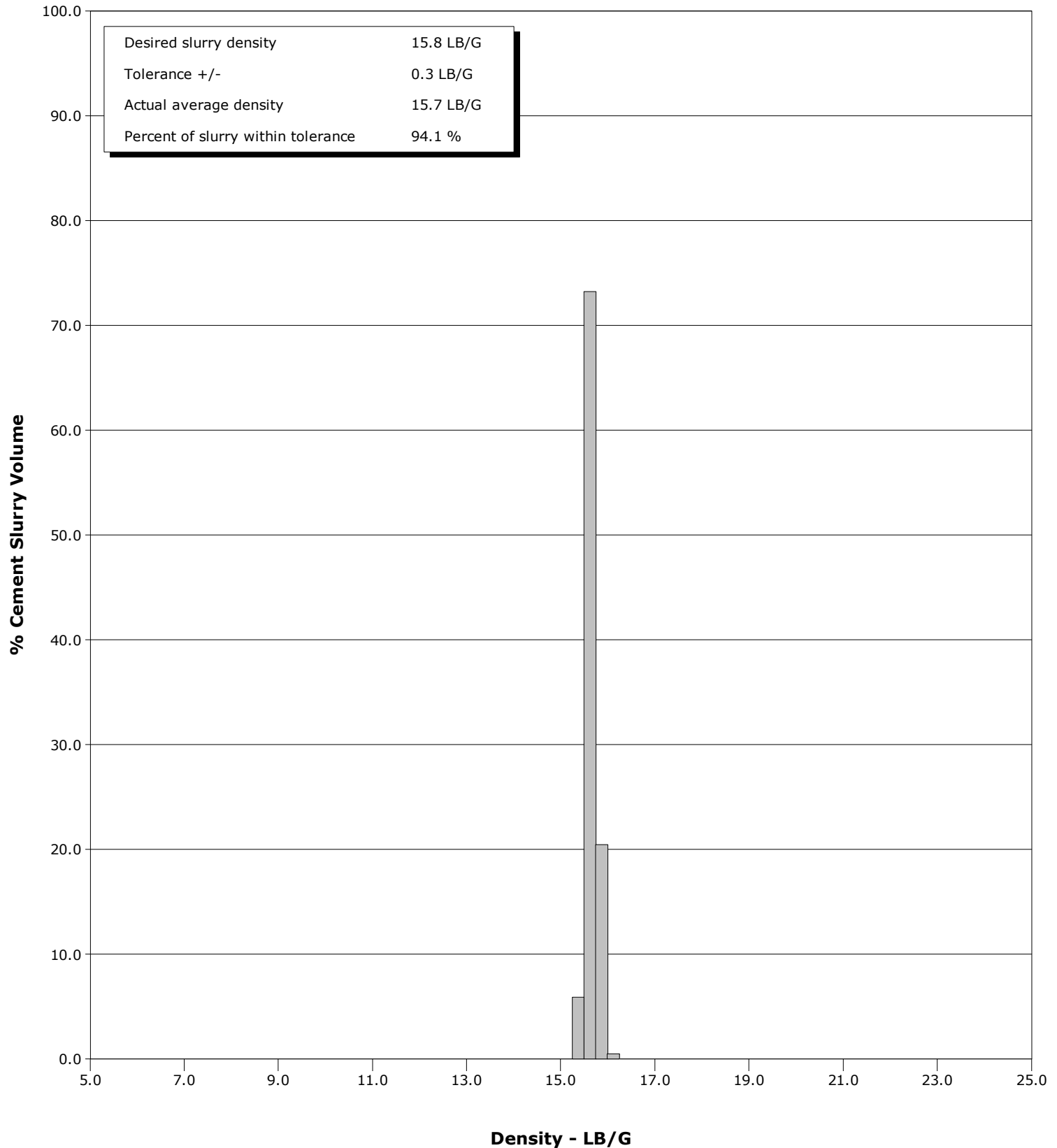
Client Anadarko
SIR No. DP9E-00037
Job Type Stub Plug
Job Date 11-02-2016



Well UPRC
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. DP9E-00037
Job Type Stub Plug
Job Date 11-02-2016

Cement Slurry - 11/02/2016 12:32:03 to 11/02/2016 12:40:23



Cementing Service Report

				Customer Anadarko			Job Number DP9E-00037						
Well UPRC 19-15L			Location (legal)			Schlumberger Location			Job Start Nov/02/2016				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD 1000.0 ft		Well TVD 1000.0 ft		
County Weld		State/Province Colorado			BHP psi		BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal		
Well Master 0631696379		API/UWI 512317445											
Rig Name Concord #5		Drilled For N/A		Service Via Land		Casing/Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						426.0		8.6		24.0		J55	
Offshore Zone		Well Class Old		Well Type Workover		1000.0		3.5		7.7		N80	
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	
						T		1000.0		2.1		3.3	
								0.0		0.0			
Service Line Cementing		Job Type Stub Plug				Perforations/Open Hole							
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft				Total Interval ft	
						ft		ft				Diameter in	
						ft		ft					
						Treat Down Tubing		Displacement 1.0 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 Nov/02/2016 09:30		Arrived on Location Nov/02/2016 09:30		Leave Location Nov/02/2016 13:30		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							
11/02/2016	12:09:20	173	0.0	8.33	0.0	Started Acquisition							
11/02/2016	12:14:20	168	0.0	8.35	0.0								
11/02/2016	12:15:06	173	0.0	8.35	0.0	Start Job							
11/02/2016	12:15:16	168	0.0	8.35	0.0	Establish Circulation							
11/02/2016	12:19:20	173	0.0	8.30	5.2								
11/02/2016	12:20:10	2389	0.0	8.32	5.2	Pressure Test Lines							
11/02/2016	12:20:34	178	0.0	8.32	5.2	Bleed Pressure							
11/02/2016	12:20:46	59	0.0	8.32	0.0	15bbl Chem Wash							
11/02/2016	12:24:20	356	2.4	8.35	7.3								
11/02/2016	12:27:56	100	0.0	8.35	16.0	End Chem Wash 15bbl							
11/02/2016	12:28:05	100	0.0	8.35	0.0	Start Cement Slurry							
11/02/2016	12:29:20	95	0.0	8.35	0.0								
11/02/2016	12:34:20	1029	2.5	15.97	7.4								
11/02/2016	12:39:20	924	2.2	15.67	18.9								
11/02/2016	12:41:09	114	0.0	11.62	21.4	End Cement Slurry 20bbl							
11/02/2016	12:41:17	114	0.0	11.30	0.0	Start Displacement							
11/02/2016	12:43:32	123	0.0	8.38	1.1	End Displacement 1bbl							

Well	Field	Job Start	Customer	Job Number
UPRC 19-15L	DJ	Nov/02/2016	Anadarko	DP9E-00037

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 2.4	N2	Mud	Maximum Rate 2.9		Total Slurry 20.0	Mud 0.0	Spacer 5.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 1064	Final 123	Average 452	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 20.0 bbl	Displacement 1.0 bbl	Mix Water Temp 66 degF	Cement Circulated to Surface? <input type="checkbox"/>			Volume bbl	
					Washed Thru Perfs <input type="checkbox"/>			To ft	
Customer or Authorized Representative Bryan Olmstead			Schlumberger Supervisor Chris Valerio			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
						-		-	