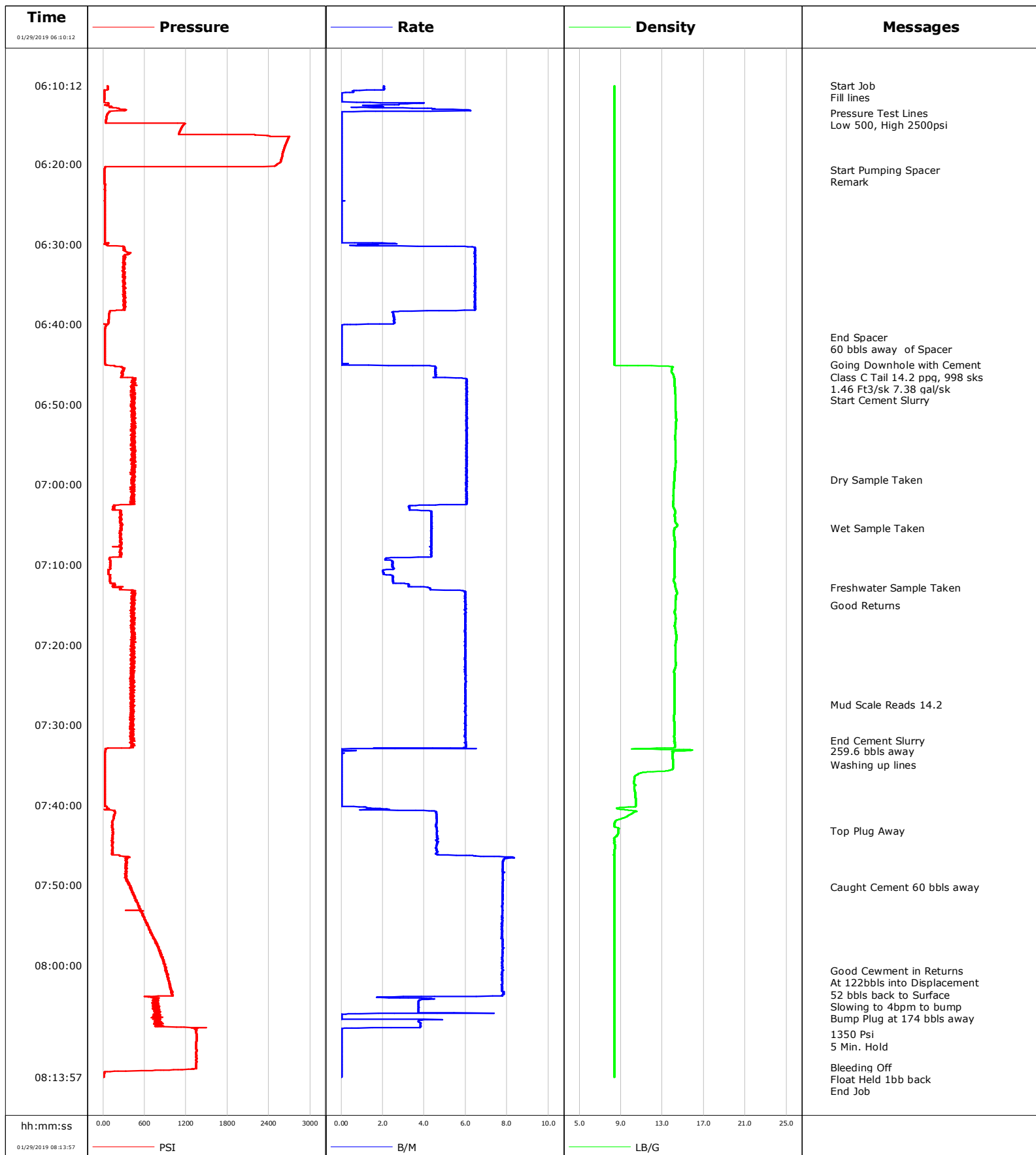


Well Echeverria 2H-2H-D267
Field Wildcat
Engineer Michael Navoy
Country United States

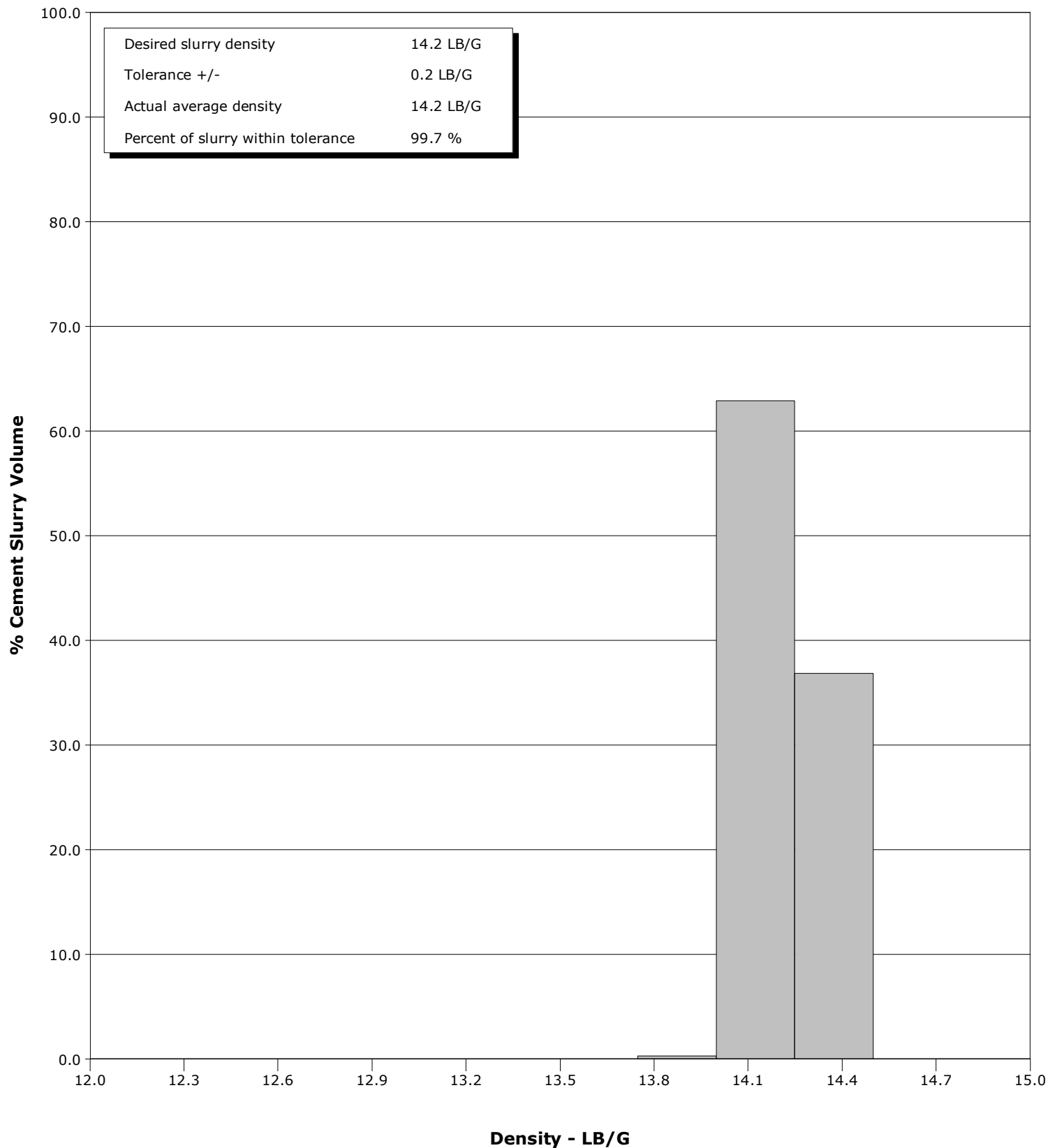
Client Crestone
SIR No. 2893553
Job Type 9 5/8 Surface Casing
Job Date 01-29-2019



Well Echeverria 2H-2H-D267
Field Wildcat
Engineer Michael Navoy
Country United States

Client Crestone
SIR No. 2893553
Job Type 9 5/8 Surface Casing
Job Date 01-29-2019

Cement Slurry - 01/29/2019 06:46:00 to 01/29/2019 07:32:00



Cementing Service Report

				Customer Crestone		Job Number 2893553	
Well Echeverria 2H-2H-D267 2H_2H-D267			Location (legal)		Schlumberger Location Cheyenne		Job Start Jan/29/2019
Field Wildcat		Formation Name/Type		Deviation 0 deg	Bit Size 13.5 in	Well MD 2356.0 ft	Well TVD 2309.5 ft
County Weld		State/Province Colorado		BHP psi	BHST 110 degF	BHCT 80 degF	Pore Press. Gradient lb/gal
Well Master 0631799832		API/UWI					
Rig Name Esign 153	Drilled For Oil	Service Via Land		Casing / Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
				98.0	16.0	55.0	F-25
				2341.0	9.6	40.0	J-55
Offshore Zone		Well Class		Well Type Development			
Drilling Fluid Type Spud Mud		Max. Density 8.70 lb/gal	Plastic Viscosity 27.000 cP		Tubing / Drill Pipe		
					T/D	Depth, ft	Size, in
Service Line Cementing		Job Type 9 5/8 Surface Casing					
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8		Perforations / Open Hole	
				Top, ft	Bottom, ft	shot/ft	No. of Shots
				ft	ft		
				ft	ft		
				ft	ft		
				Treat Down Casing	Displacement 174.0 bbl	Packer Type None	Packer Depth ft
				Tubing Vol. bbl	Casing Vol. 177.2 bbl	Annular Vol. 209.0 bbl	Openhole Vol. 195.3 bbl
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure psi				Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2341.0 ft		Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Jan/29/2019 03:30		Arrived on Location Jan/29/2019 03:00		Leave Location Jan/29/2019 09:30		Collar Type Float	
						Tail Pipe Depth ft	
						Collar Depth 2295.6 ft	
						Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/29/2019	06:10:12	66	2.0	8.37	0.0	Started Acquisition	
01/29/2019	06:10:15	64	2.1	8.37	0.0	Start Job	
01/29/2019	06:10:25	66	2.0	8.37	0.0	Fill lines	
01/29/2019	06:13:36	74	0.0	8.37	3.3	Pressure Test Lines	
01/29/2019	06:13:38	70	0.0	8.37	3.3	Low 500, High 2500psi	
01/29/2019	06:20:43	19	0.0	8.37	3.3	Start Pumping Spacer	
01/29/2019	06:20:44	19	0.0	8.37	3.3	Remark	
01/29/2019	06:41:35	25	0.0	8.37	60.2	End Spacer	
01/29/2019	06:41:49	25	0.0	8.37	60.2	60 bbls away of Spacer	
01/29/2019	06:45:04	55	0.4	8.37	60.2	Going Downhole with Cement	
01/29/2019	06:45:29	284	4.6	13.93	61.8	Class C Tail 14.2 ppg	
01/29/2019	06:46:00	285	4.6	13.92	64.2	Start Cement Slurry	
01/29/2019	06:59:24	462	6.1	14.14	144.2	Dry Sample Taken	
01/29/2019	07:05:25	262	4.4	14.17	174.9	Wet Sample Taken	
01/29/2019	07:12:51	241	4.3	14.26	200.3	Freshwater Sample Taken	
01/29/2019	07:15:06	416	6.0	14.27	213.2	Good Returns	
01/29/2019	07:27:27	439	6.0	14.15	287.1	Mud Scale Reads 14.2	
01/29/2019	07:32:00	428	6.0	14.14	314.3	End Cement Slurry	
01/29/2019	07:33:15	30	0.0	14.07	319.8	259.6 bbls away	
01/29/2019	07:34:57	25	0.0	14.00	319.8	Washing up lines	
01/29/2019	07:43:13	140	4.6	8.75	332.3	Top Plug Away	

Well Echeverria 2H-2H-D267 2H_2H-D267			Field Wildcat		Job Start Jan/29/2019	Customer Crestone	Job Number 2893553
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/29/2019	08:00:44	924	7.8	8.37	458.8	Good Cewment in Returns	
01/29/2019	08:00:58	914	7.8	8.37	460.6	At 122bbls into Displacement	
01/29/2019	08:02:36	974	7.8	8.37	473.2	52 bbls back to Surface	
01/29/2019	08:03:51	601	4.5	8.38	482.9	Slowing to 4bpm to bump	
01/29/2019	08:06:12	726	0.0	8.38	491.6	Bump Plug at 174 bbls away	
01/29/2019	08:08:36	1357	0.0	8.37	497.6	1350 Psi	
01/29/2019	08:09:21	1352	0.0	8.37	497.6	5 Min. Hold	
01/29/2019	08:12:44	1345	0.0	8.37	497.6	Bleeding Off	
01/29/2019	08:13:09	333	0.0	8.37	497.6	Float Held 1bb back	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.7	N2	Mud	Maximum Rate 8.4	Total Slurry 259.6	Mud 0.0	Spacer 60.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 2702	Final 13	Average 5	Bump Plug to 1350	Breakdown	Type	Volume 174.0 bbl	Density 8.34 lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 265.0 bbl	Displacement 174.0 bbl	Mix Water Temp 64 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 52.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Company Man			Schlumberger Supervisor Michael Navoy			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					