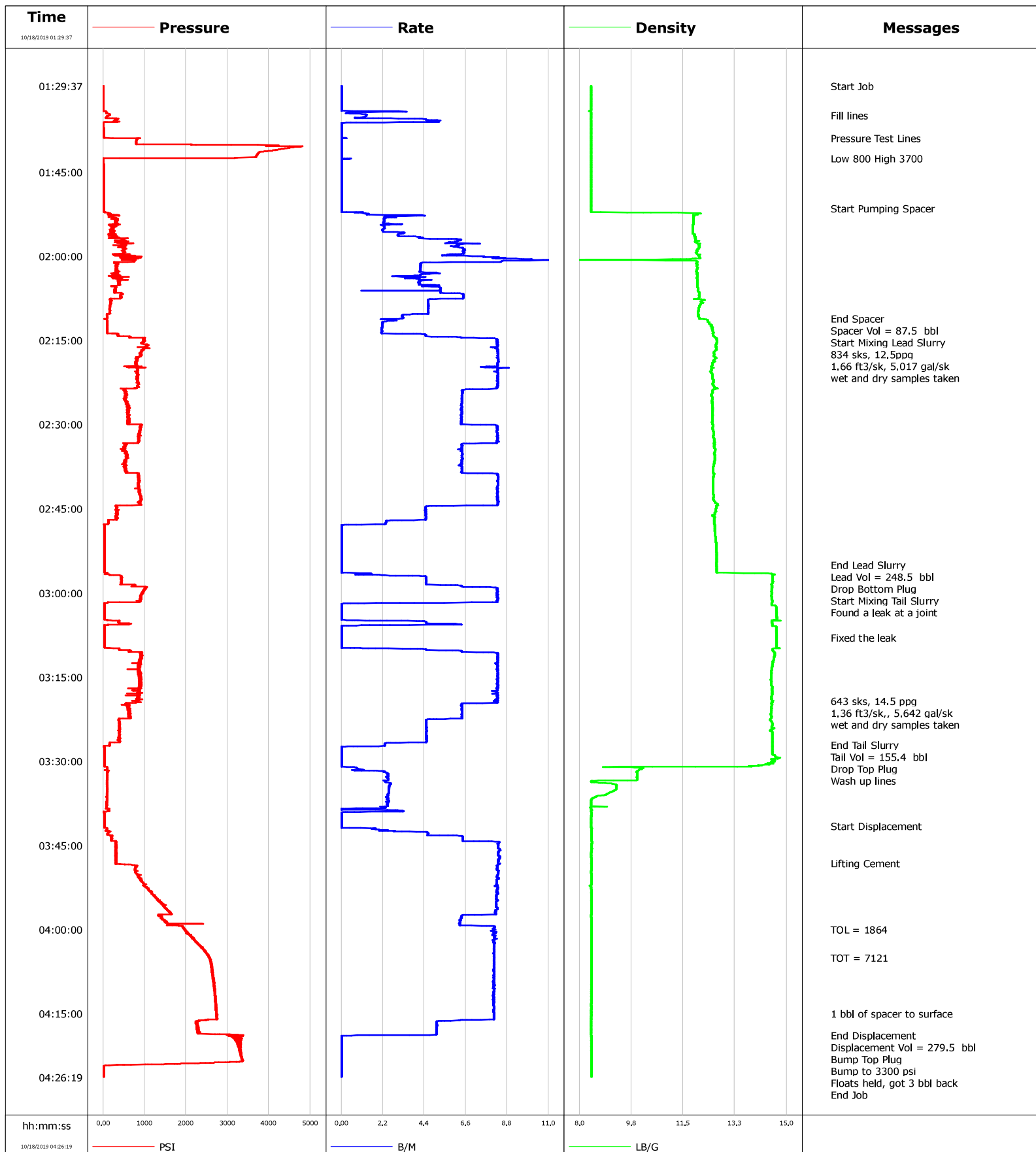


Well Hingley 1F-18H-A126
Field DJ
Engineer Michael Navoy
Country United States

Client Crestone Peak
SIR No. EFVP-00238
Job Type Production
Job Date 10-18-2019



Cementing Service Report

				Customer Crestone Peak			Job Number EFVP-00238	
Well Hingley 1F-18H-A126			Location (legal)			Schlumberger Location Cheyenne		Job Start Oct/18/2019
Field DJ		Formation Name/Type Clean-Sandstone		Deviation deg		Bit Size in		Well MD 12619.0 ft
County Weld		State/Province Colorado		BHP psi		BHST degF		BHCT degF
Well Master 0064699490		API/UWI				Pore Press. Gradient lb/gal		
Rig Name Ensign 153		Drilled For Oil		Service Via Land		Casing/Liner		
						Depth, ft	Size, in	Weight, lb/ft
								Grade
Offshore Zone		Well Class New		Well Type Development		2557.0	9.6	40.0
						12602.8	5.5	20.0
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe		
						T/D	Depth, ft	Size, in
								Weight, lb/ft
								Grade
Service Line Cementing		Job Type Production						
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole		
						Top, ft	Bottom, ft	shot/ft
								No. of Shots
								Total Interval
Service Instructions 5 1/2" Production						ft	ft	
						ft	ft	Diameter
						ft	ft	in
						Treat Down Annulus	Displacement 279.5 bbl	Packer Type
								Packer Depth
						Tubing Vol. bbl	Casing Vol. 279.8 bbl	Annular Vol. 529.1 bbl
								Openhole Vol. 1.1 bbl
Casing/Tubing Secured <input checked="" 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 12602.8 ft		Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type		Tool Depth ft
Cement Head Type Double				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Oct/17/2019 21:30		Arrived on Location Oct/17/2019 20:30		Leave Location Oct/18/2019 06:30		Collar Type Float		Tail Pipe Depth ft
						Collar Depth 12589.7 ft		Sqz. Total Vol. bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/18/2019	01:29:39	6	0.0	8.39	0.0	Start Job		
10/18/2019	01:34:50	160	1.3	8.39	0.9	Fill lines		
10/18/2019	01:38:54	17	0.0	8.39	4.9	Pressure Test Lines		
10/18/2019	01:42:31	406	0.0	8.39	5.0	Low 800 High 3700		
10/18/2019	01:51:24	18	0.0	8.39	0.0	Start Pumping Spacer		
10/18/2019	02:11:07	91	3.2	12.04	87.2	End Spacer		
10/18/2019	02:11:22	93	2.7	12.33	87.9	Spacer Vol = 87.5 bbl		
10/18/2019	02:11:58	102	2.2	12.38	1.5	Start Mixing Lead Slurry		
10/18/2019	02:14:10	380	4.5	12.52	7.0	834 sks, 12.5ppg		
10/18/2019	02:14:11	378	4.5	12.52	7.1	wet and dry samples taken		
10/18/2019	02:55:00	34	0.0	12.62	248.2	End Lead Slurry		
10/18/2019	02:55:26	35	0.0	12.62	248.2	Lead Vol = 248.5 bbl		
10/18/2019	02:56:00	34	0.0	12.62	248.2	Drop Bottom Plug		
10/18/2019	02:57:00	445	4.2	14.52	249.2	Start Mixing Tail Slurry		
10/18/2019	03:00:00	934	8.3	14.50	16.1	Found a leak at a joint		
10/18/2019	03:08:00	35	0.0	14.65	35.0	Fixed the leak		
10/18/2019	03:19:13	829	8.3	14.52	110.0	643 sks, 14.5 ppg		
10/18/2019	03:19:14	789	8.3	14.53	110.1	wet and dry samples taken		
10/18/2019	03:27:08	151	2.3	14.51	151.9	End Tail Slurry		
10/18/2019	03:28:21	27	0.0	14.51	152.4	Tail Vol = 155.4 bbl		
10/18/2019	03:29:54	31	0.0	14.57	152.4	Drop Top Plug		

Well			Field		Job Start	Customer		Job Number
Hingley 1F-18H-A126			DJ		Oct/18/2019	Crestone Peak		EFVP-00238
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/18/2019	03:41:32	27	0.0	8.40	170.6	Start Displacement		
10/18/2019	03:48:11	307	8.3	8.40	15.3	Lifting Cement		
10/18/2019	04:00:00	1979	8.1	8.41	109.0	TOL = 1864		
10/18/2019	04:05:00	2566	8.1	8.40	149.6	TOT = 7121		
10/18/2019	04:15:00	2740	8.1	8.40	230.5	1 bbl of spacer to surface		
10/18/2019	04:18:51	3284	3.6	8.40	253.5	End Displacement		
10/18/2019	04:19:00	3030	0.0	8.40	253.7	Displacement Vol = 279.5 bbl		
10/18/2019	04:20:00	3317	0.0	8.40	253.7	Bump Top Plug		
10/18/2019	04:22:58	3351	0.0	8.40	0.0	Bump to 3300 psi		
10/18/2019	04:24:41	21	0.0	8.40	0.0	Floats held, got 3 bbl back		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.2	N2	Mud	Maximum Rate 11.7	Total Slurry 403.9	Mud 0.0	Spacer 87.5	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4813	Final 14	Average 787	Bump Plug to 3300	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 279.5 bbl	Mix Water Temp 63 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
Customer or Authorized Representative		Schlumberger Supervisor Michael Navoy		Washed Thru Perfs <input type="checkbox"/>		To ft		
				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>		
				-		-		