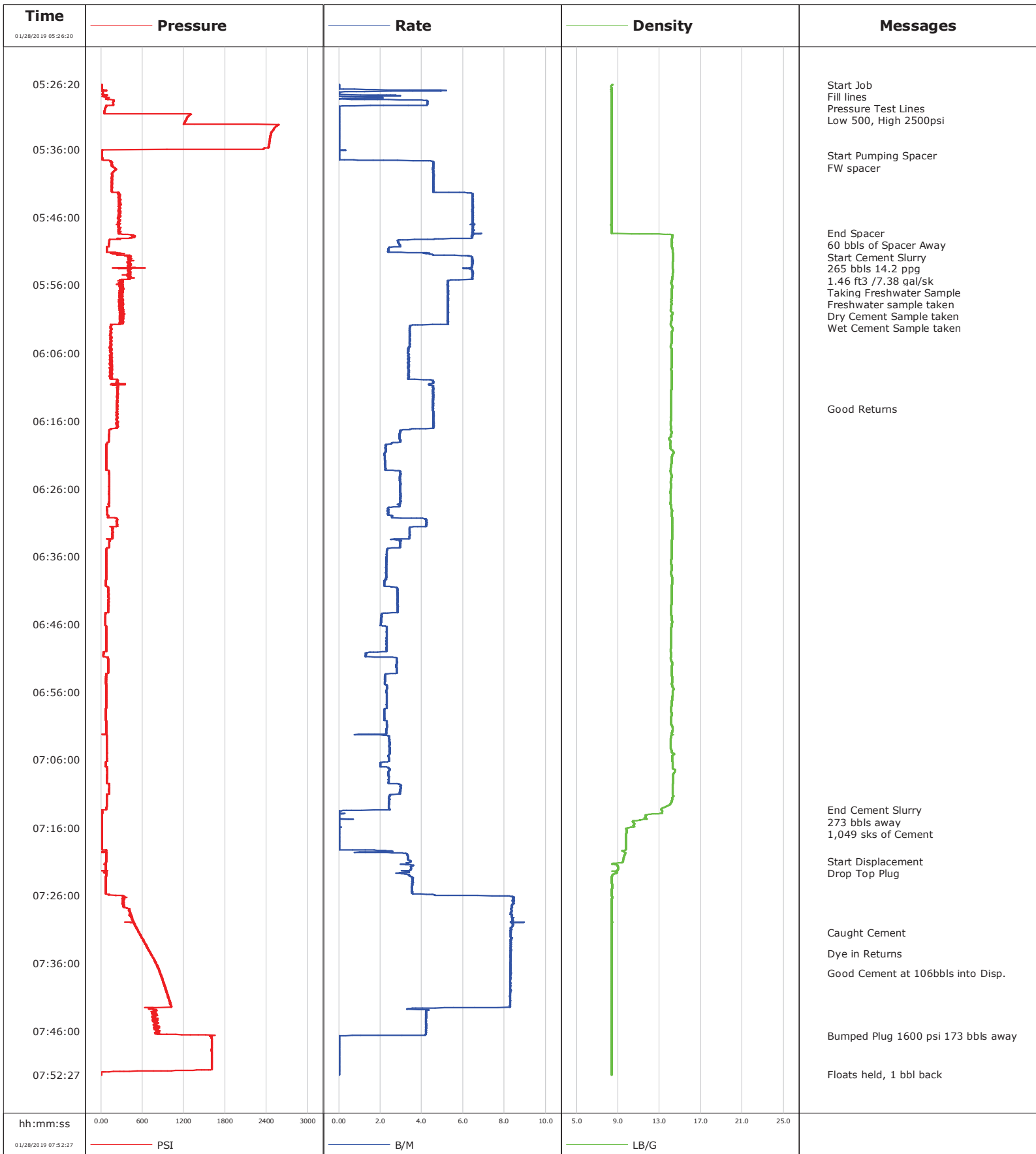


Well	Echeverria 2I-2H-D267	Client	Crestone Peak Resource
Field		SIR No.	2893550
Engineer	Michael Navoy	Job Type	Surface
Country	United States	Job Date	01-28-2019



				Customer		Job Number	
				Crestone Peak Resource		2893550	
Well		Location (legal)		Schlumberger Location		Job Start	
Echeverria 2I-2H-D267 2I-2H-D267				Cheyenne Wyoming		Jan/28/2019	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
				0 deg	13.5 in	2349.0 ft	2293.0 ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
Weld		Colorado		psi	110 degF	80 degF	lb/gal
Well Master		API/UWI					
06321799972							
Rig Name	Drilled For	Service Via	Casing/Liner				
Ensign 153	Oil Producer	Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class	Well Type	98.0	16.0	55.0	F-25	
		Development	2334.0	9.6	40.0	J-55	
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe			
Spud Mud		8.70 lb/gal	27.000 cP	T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line	Job Type						
Cementing	Surface						
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole				
psi	psi	9 5/8 Casing	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
Service Instructions			ft	ft			ft
9 5/8 Surface Casing			ft	ft			Diameter
			ft	ft			in
Treat Down		Displacement		Packer Type		Packer Depth	
Casing		173.4 bbl		None		ft	
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.	
bbl		173.5 bbl		208.2 bbl		194.5 bbl	
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools		Squeeze Job	
<input type="checkbox"/>		<input type="checkbox"/>					
Lift Pressure		psi		Shoe Type		Squeeze Type	
				Float			
Pipe Rotated		Pipe Reciprocated		Shoe Depth		Tool Type	
<input type="checkbox"/>		<input type="checkbox"/>		2.0 ft			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth	
		1	0			ft	
Cement Head Type		Single		Stage Tool Depth		Tail Pipe Size	
				ft		in	
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Tail Pipe Depth	
Jan/28/2019 03:30		Jan/28/2019 02:30	Jan/28/2019	Float		ft	
				Collar Depth		Sqz. Total Vol.	
				2288.9 ft		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/28/2019	05:26:20	12	0.0	8.47	0.0	Started Acquisition	
01/28/2019	05:26:27	12	0.0	8.40	0.0	Start Job	
01/28/2019	05:26:55	8	0.0	8.37	0.0	Fill lines	
01/28/2019	05:29:25	122	4.1	8.37	5.6	Pressure Test Lines	
01/28/2019	05:29:27	78	2.2	8.37	5.8	Low 500, High 2500psi	
01/28/2019	05:36:50	9	0.0	8.38	5.9	Start Pumping Spacer	
01/28/2019	05:36:52	9	0.0	8.38	5.9	FW spacer	
01/28/2019	05:48:19	282	6.8	8.38	66.4	End Spacer	
01/28/2019	05:48:24	258	6.6	12.28	67.0	60 bbls of Spacer Away	
01/28/2019	05:48:30	439	6.4	14.18	67.7	Start Cement Slurry	
01/28/2019	05:48:34	475	6.4	14.26	68.1	265 bbls 14.2 ppg	
01/28/2019	05:48:35	472	6.4	14.26	68.2	1.46 ft3 /7.38 gal/sk	
01/28/2019	05:49:20	123	2.9	14.17	72.4	Taking Freshwater Sample	
01/28/2019	05:50:47	81	2.4	14.25	76.4	Freshwater sample taken	
01/28/2019	05:55:38	275	5.3	14.13	104.7	Dry Cement Sample taken	
01/28/2019	06:00:02	282	5.3	14.26	127.9	Wet Cement Sample taken	
01/28/2019	06:14:15	229	4.5	14.12	184.3	Good Returns	
01/28/2019	07:13:25	5	0.4	13.24	340.5	End Cement Slurry	
01/28/2019	07:13:41	17	0.0	13.22	340.6	273 bbls away	
01/28/2019	07:13:59	14	0.0	12.06	340.6	1,049 sks of Cement	
01/28/2019	07:21:01	73	3.5	9.43	345.9	Start Displacement	

Well Echeverria 2I-2H-D267 2I-2H-D267		Field		Job Start Jan/28/2019		Customer Crestone Peak Resource		Job Number 2893550	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/28/2019	07:31:26	548	8.3	8.38	408.9	Caught Cement			
01/28/2019	07:34:35	720	8.3	8.38	435.1	Dye in Returns			
01/28/2019	07:37:29	861	8.3	8.38	459.1	Good Cement at 106bbbls into Disp.			
01/28/2019	07:46:43	1600	0.0	8.38	517.8	Bumped Plug 1600 psi 173 bbbls away			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.1	N2	Mud	Maximum Rate 9.0		Total Slurry 511.9	Mud 0.0	Spacer 60.6	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1657	Final 3	Average 340	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement 177.3 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl	
					Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative Mr. Company Man			Schlumberger Supervisor Michael Navoy			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
					-		-	