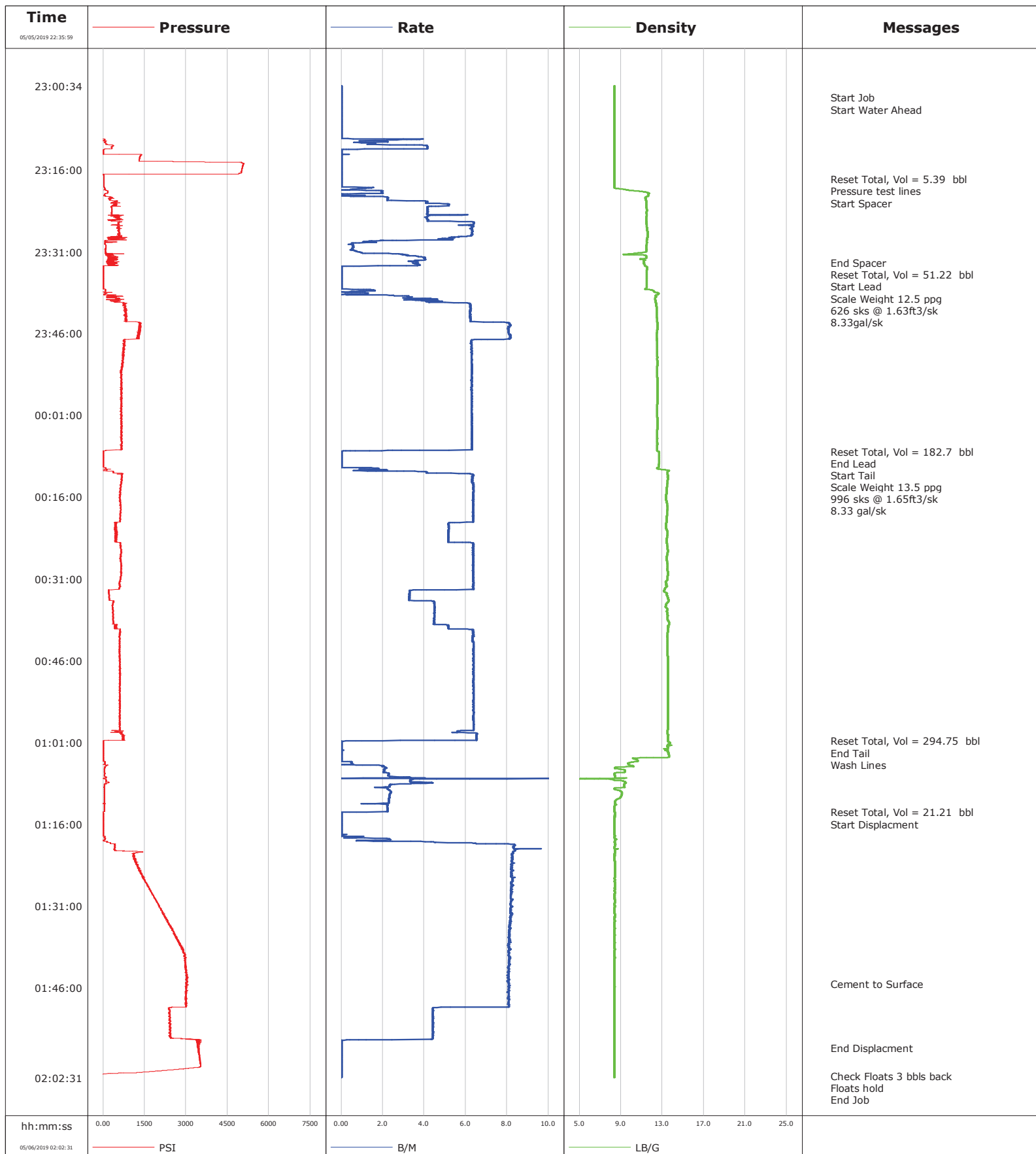


**Well** Echeverria 2D 2H d267  
**Field** Wattenburg  
**Engineer** Norm Haslauer  
**Country** United States

**Client** Crestone Peak  
**SIR No.** 18087  
**Job Type** Production  
**Job Date** 05-06-2019



				Customer Crestone Peak				Job Number 18087			
Well Echeverria 2D 2H d267 EAHN-00142			Location (legal)			Schlumberger Location			Job Start May/06/2019		
Field Wattenburg		Formation Name/Type Clean-Sandstone		Deviation deg		Bit Size in		Well MD 12132.0 ft		Well TVD 7170.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 231 degF		BHCT 210 degF		Pore Press. Gradient lb/gal	
Well Master 0064745775		API/UWI									
Rig Name Ensign 142		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		2322.0		9.6		40.0	
						12132.0		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	
										Thread	
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	
						ft		ft		No. of Shots	
						ft		ft		Total Interval ft	
						ft		ft		Diameter in	
						Treat Down Casing		Displacement 269.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 273.0 bbl		Annular Vol. 509.0 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 2350 psi						Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12164.0 ft		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft			
Cement Head Type						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For May/06/2019		Arrived on Location May/06/2019		Leave Location May/06/2019		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 12149.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
05/05/2019	22:35:59	-1	0.0	8.37	0.0	Started Acquisition					
05/05/2019	23:02:42	-7	0.0	8.37	0.0	Start Job					
05/05/2019	23:17:43	20	0.0	8.37	5.4	Reset Total, Vol = 5.39 bbl					
05/05/2019	23:17:46	20	0.0	8.37	5.4	Pressure test lines					
05/05/2019	23:18:00	19	0.0	8.37	5.4	Start Spacer					
05/05/2019	23:33:00	194	3.7	11.24	54.3	End Spacer					
05/05/2019	23:33:38	14	0.6	11.35	56.6	Reset Total, Vol = 51.22 bbl					
05/05/2019	23:33:43	12	0.0	11.48	56.6	Start Lead					
05/05/2019	23:33:44	12	0.0	11.50	56.6	Scale Weight 12.5 ppg					
05/05/2019	23:33:46	11	0.0	11.51	56.6	8.33gal/sk					
05/06/2019	00:07:37	11	0.0	12.62	238.8	Reset Total, Vol = 182.7 bbl					
05/06/2019	00:07:38	11	0.0	12.63	238.8	End Lead					
05/06/2019	00:07:39	11	0.0	12.64	238.8	Start Tail					
05/06/2019	00:10:00	8	0.0	12.66	238.8	Scale Weight 13.5 ppg					
05/06/2019	00:13:00	665	6.3	13.51	249.8	996 sks @ 1.65ft3/sk					
05/06/2019	00:13:53	642	6.3	13.44	255.4	8.33 gal/sk					
05/06/2019	01:00:44	17	0.7	13.54	533.5	Reset Total, Vol = 294.75 bbl					
05/06/2019	01:00:46	15	0.2	13.55	533.5	End Tail					
05/06/2019	01:13:51	4	0.0	8.40	554.7	Reset Total, Vol = 21.21 bbl					
05/06/2019	01:13:52	-13	0.0	8.40	554.7	Start Displacement					
05/06/2019	01:45:17	3018	8.1	8.39	767.8	Cement to Surface					

Well Echeverria 2D 2H d267 EAHN-00142			Field Wattenburg		Job Start May/06/2019		Customer Crestone Peak		Job Number 18087	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/06/2019	02:02:14	-14	0.0	8.39	829.1	Check Floats 3 bbls back				
05/06/2019	02:02:15	-14	0.0	8.39	829.1	Floats hold				

## Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate		Total Slurry 476.0	Mud	Spacer 51.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final 0	Average	Bump Plug to 3450	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %	Designed Slurry Volume 473.0 bbl		Displacement 269.0 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 34.0 bbl				
					Washed Thru Perfs <input type="checkbox"/>		To ft				
Customer or Authorized Representative Buddy Burke			Schlumberger Supervisor Norm Haslauer			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-	-				