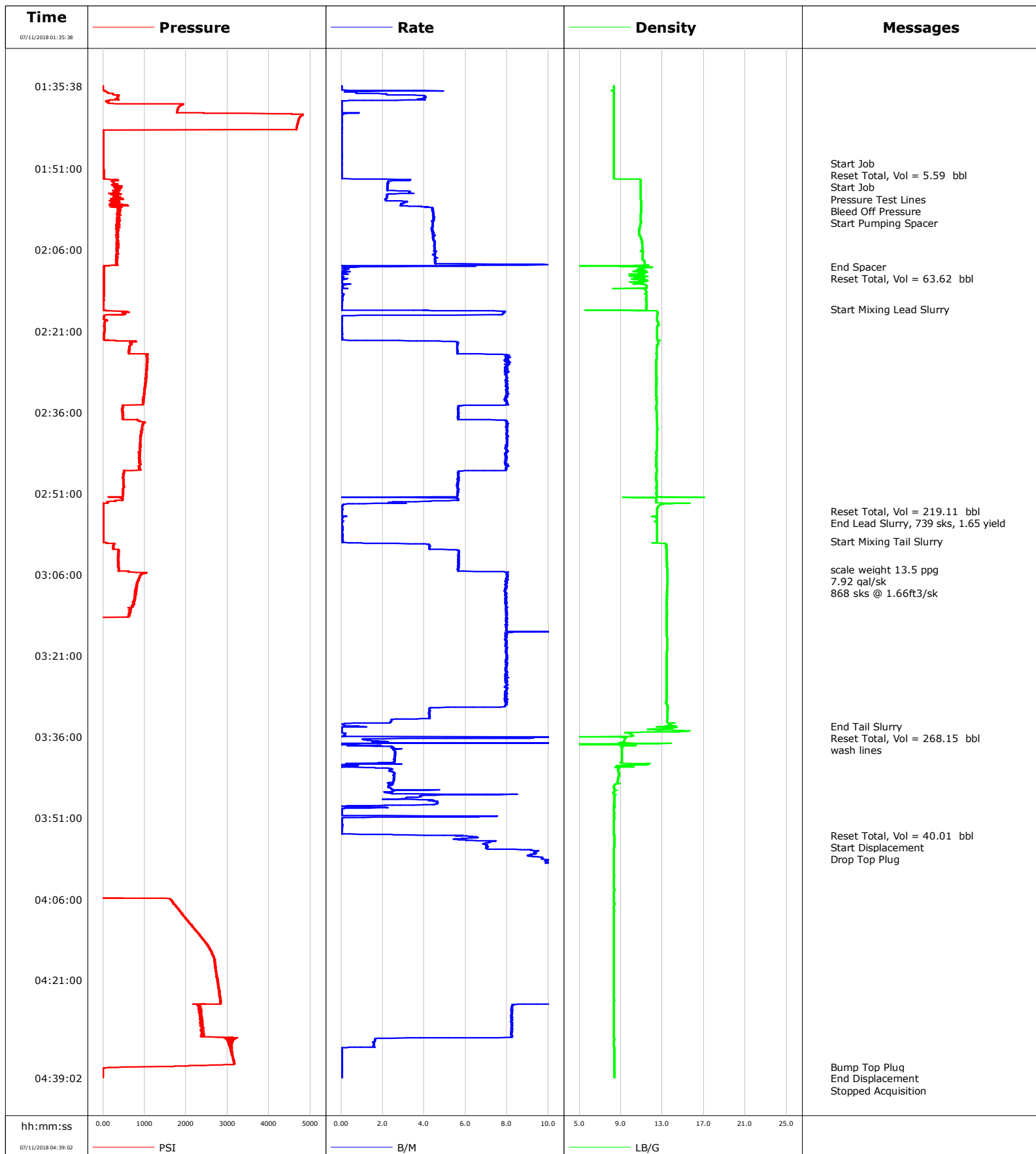


Well Ruegge-3M-4H-n165
Field DJ
Engineer NORM HASLAUER
Country United States

Client Crestone Peak
SIR No. 2741117
Job Type production
Job Date 07-11-2018



Cementing Service Report

				Customer Crestone Peak			Job Number 2741117	
Well Ruegge-3M-4H-n165 DZ6N-00424			Location (legal) E140		Schlumberger Location			Job Start Jul/11/2018
Field DJ		Formation Name/Type		Deviation deg	Bit Size in		Well MD 12128.0 ft	Well TVD 7272.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 223 degF	BHCT 193 degF	Pore Press. Gradient lb/gal	
Well Master 0631761974		API/UWI						
Rig Name E140		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		2483.0	9.6	40.0
						12099.0	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 Double Cement head		Perforations/Open Hole		
						Top, ft	Bottom, ft	shot/ft
								No. of Shots
								Total Interval
								Diameter
								in
						Treat Down Casing	Displacement 268.0 bbl	Packer Type
								Packer Depth
								ft
						Tubing Vol. bbl	Casing Vol. 269.0 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 2430 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 12128.0 ft		Tool Type		
No. Centralizers 171		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft
Cement Head Type Double						Stage Tool Depth ft		Tail Pipe Size in
Job Scheduled For Jul/11/2018		Arrived on Location Jul/11/2018		Leave Location Jul/11/2018		Collar Type Float		Tail Pipe Depth ft
						Collar Depth 12099.0 ft		Sqz. Total Vol. bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
07/11/2018	01:35:38	2	0.0	8.33	0.0	Start Mixing Tail Slurry		
07/11/2018	01:50:00	11	0.0	8.34	5.6	Start Job		
07/11/2018	01:52:07	15	0.0	8.34	5.6	Reset Total, Vol = 5.59 bbl		
07/11/2018	01:52:11	14	0.0	8.34	0.0	Start Job		
07/11/2018	01:52:14	15	0.0	8.34	0.0	Pressure Test Lines		
07/11/2018	01:52:16	15	0.0	8.34	0.0	Bleed Off Pressure		
07/11/2018	01:52:38	15	0.0	8.34	0.0	Start Pumping Spacer		
07/11/2018	02:09:05	25	1.6	10.04	63.2	End Spacer		
07/11/2018	02:11:10	17	0.0	11.23	63.6	Reset Total, Vol = 63.62 bbl		
07/11/2018	02:16:52	16	0.0	11.44	63.9	Start Mixing Lead Slurry		
07/11/2018	02:54:16	10	0.0	12.48	282.7	Reset Total, Vol = 219.11 bbl		
07/11/2018	02:54:30	11	0.0	12.48	282.7	End Lead Slurry		
07/11/2018	02:59:54	9	0.0	12.48	283.0	Start Mixing Tail Slurry		
07/11/2018	03:05:00	407	5.6	13.47	308.1	scale weight 13.5 ppg		
07/11/2018	03:34:00	12	0.2	14.36	521.7	End Tail Slurry		
07/11/2018	03:34:15	13	0.0	14.38	521.9	Reset Total, Vol = 268.15 bbl		
07/11/2018	03:35:00	18	0.0	15.42	521.9	wash lines		
07/11/2018	03:54:16	65	5.9	8.35	561.8	Reset Total, Vol = 40.01 bbl		
07/11/2018	03:55:00	98	5.5	8.38	566.2	Start Displacement		
07/11/2018	04:37:00	1539	0.0	8.37	851.6	Bump Top Plug		

Well Ruegge-3M-4H-n165 DZ6N-00424	Field DJ	Job Start Jul/11/2018	Customer Crestone Peak	Job Number 2741117
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry	N2		Mud		Maximum Rate		Total Slurry 473.0	Mud	Spacer 60.0	N2
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final 0	Average	Bump Plug to 3138	Breakdown		Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 473.0 bbl		Displacement 268.0 bbl		Mix Water Temp 70 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Nate				Schlumberger Supervisor NORM HASLAUER				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-