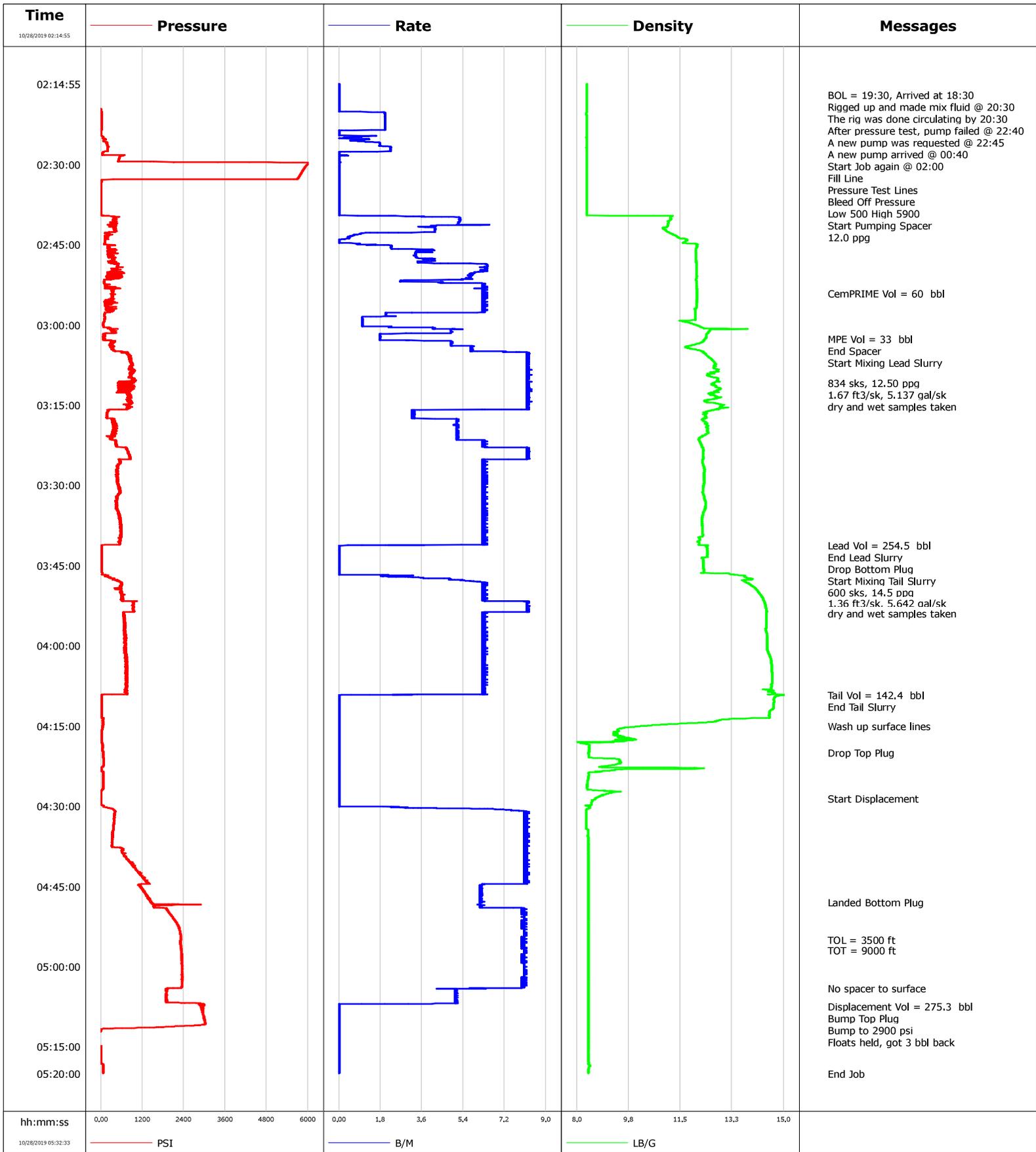


Well	Hingley 1I-18H-A167	Client	Crestone Peak Resources
Field		SIR No.	EFVP-00417
Engineer	Ryan Drilling	Job Type	Production
Country	United States	Job Date	10-28-2019



				Customer			Job Number			
				Crestone Peak Resources			EFVP-00417			
Well		Location (legal)			Schlumberger Location			Job Start		
Hingley 1I-18H-A167		E153			Cheyenne			Oct/28/2019		
Field		Formation Name/Type		Deviation	Bit Size		Well MD	Well TVD		
		Clean-Sandstone		deg	in		12432.0 ft	7592.1 ft		
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	degF	degF	lb/gal		
Well Master		API/UWI								
0064754151										
Rig Name	Drilled For		Service Via		Casing/Liner					
Ensign 153	Oil		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		2580.0	9.6	40.0	J-55		
	New		Development		12432.0	5.5	20.0	P-110		
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
		lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	Production									
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi	psi		Single Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions					ft	ft			ft	
5 1/2" Production					ft	ft			Diameter	
					ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth				
Annulus		275.3 bbl				ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		275.6 bbl		521.7 bbl		1.4 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" 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"/>			12412.8 ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth			
		1	1				ft			
Cement Head Type		Double			Stage Tool Depth		Tail Pipe Size			
					ft		in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth		
Oct/27/2019 19:30		Oct/27/2019 18:30		Oct/28/2019 05:30		Float		ft		
						Collar Depth		Sqz. Total Vol.		
						12401.0 ft		bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/28/2019	02:17:00	-2	0.0	0.0	0.0	BOL = 19:30, Arrived at 18:30				
10/28/2019	02:18:00	-1	0.0	0.0	0.0	Rigged up and made mix fluid @ 20:30				
10/28/2019	02:19:00	-1	0.0	0.0	0.0	The rig was done circulating by 20:30				
10/28/2019	02:20:00	1	0.0	0.0	0.0	After pressure test, pump failed @ 22:40				
10/28/2019	02:21:00	24	0.0	0.0	0.0	A new pump was requested @ 22:45				
10/28/2019	02:22:00	26	0.0	0.0	0.0	A new pump arrived @ 00:40				
10/28/2019	02:24:21	7	0.0	0.0	0.0	Start Job again @ 02:00				
10/28/2019	02:24:22	7	0.0	0.0	0.0	Fill Line				
10/28/2019	02:28:05	40	0.0	0.0	0.0	Pressure Test Lines				
10/28/2019	02:32:23	5730	0.0	0.0	0.0	Bleed Off Pressure				
10/28/2019	02:32:25	5727	0.0	0.0	0.0	Low 500 High 5900				
10/28/2019	02:39:16	13	0.0	0.0	0.0	Start Pumping Spacer				
10/28/2019	02:39:18	13	0.0	0.0	0.0	12.0 ppg				
10/28/2019	02:54:10	341	0.0	0.0	0.0	CemPRIME Vol = 60 bbl				
10/28/2019	03:02:39	66	0.0	0.0	0.0	MPE Vol = 33 bbl				
10/28/2019	03:02:41	70	0.0	0.0	0.0	End Spacer				
10/28/2019	03:10:48	508	0.0	0.0	0.0	834 sks, 12.50 ppg				
10/28/2019	03:12:08	598	0.0	0.0	0.0	1.67 ft3/sk, 5.137 gal/sk				
10/28/2019	03:14:48	897	0.0	0.0	0.0	dry and wet samples taken				
10/28/2019	03:41:12	34	0.0	0.0	0.0	Lead Vol = 254.5 bbl				
10/28/2019	03:41:16	20	0.0	0.0	0.0	End Lead Slurry				

Well		Field		Job Start		Customer		Job Number	
Hingley 11-18H-A167				Oct/28/2019		Crestone Peak Resources		EFVP-00417	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/28/2019	03:45:20	23	0.0	0.0	0.0	Start Mixing Tail Slurry			
10/28/2019	03:50:00	583	0.0	0.0	0.0	600 sks, 14.5 ppg			
10/28/2019	03:52:00	944	0.0	0.0	0.0	1.36 ft3/sk, 5.642 gal/sk			
10/28/2019	03:54:00	674	0.0	0.0	0.0	dry and wet samples taken			
10/28/2019	04:09:10	89	0.0	0.0	0.0	Tail Vol = 142.4 bbl			
10/28/2019	04:09:12	29	0.0	0.0	0.0	End Tail Slurry			
10/28/2019	04:15:00	54	0.0	0.0	0.0	Wash up surface lines			
10/28/2019	04:20:00	67	0.0	0.0	0.0	Drop Top Plug			
10/28/2019	04:28:37	13	0.0	0.0	0.0	Start Displacement			
10/28/2019	04:48:00	1472	0.0	0.0	0.0	Landed Bottom Plug			
10/28/2019	04:55:00	2309	0.0	0.0	0.0	TOL = 3500 ft			
10/28/2019	04:57:00	2324	0.0	0.0	0.0	TOT = 9000 ft			
10/28/2019	05:04:04	2226	0.0	0.0	0.0	No spacer to surface			
10/28/2019	05:07:28	2983	0.0	0.0	0.0	Displacement Vol = 275.3 bbl			
10/28/2019	05:07:30	2889	0.0	0.0	0.0	Bump Top Plug			
10/28/2019	05:07:31	2915	0.0	0.0	0.0	Bump to 2900 psi			
10/28/2019	05:10:00	2996	0.0	0.0	0.0	Floats held, got 3 bbl back			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
				396.9		93.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
	0		2900			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	393.3 bbl		275.3 bbl	degF	<input type="checkbox"/>	bbl	
					Washed Thru Perfs	To	
					<input type="checkbox"/>	ft	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	Job Completed
Jerry Thorstad			Ryan Drilling			<input type="checkbox"/>	<input checked="" type="checkbox"/>
						-	-