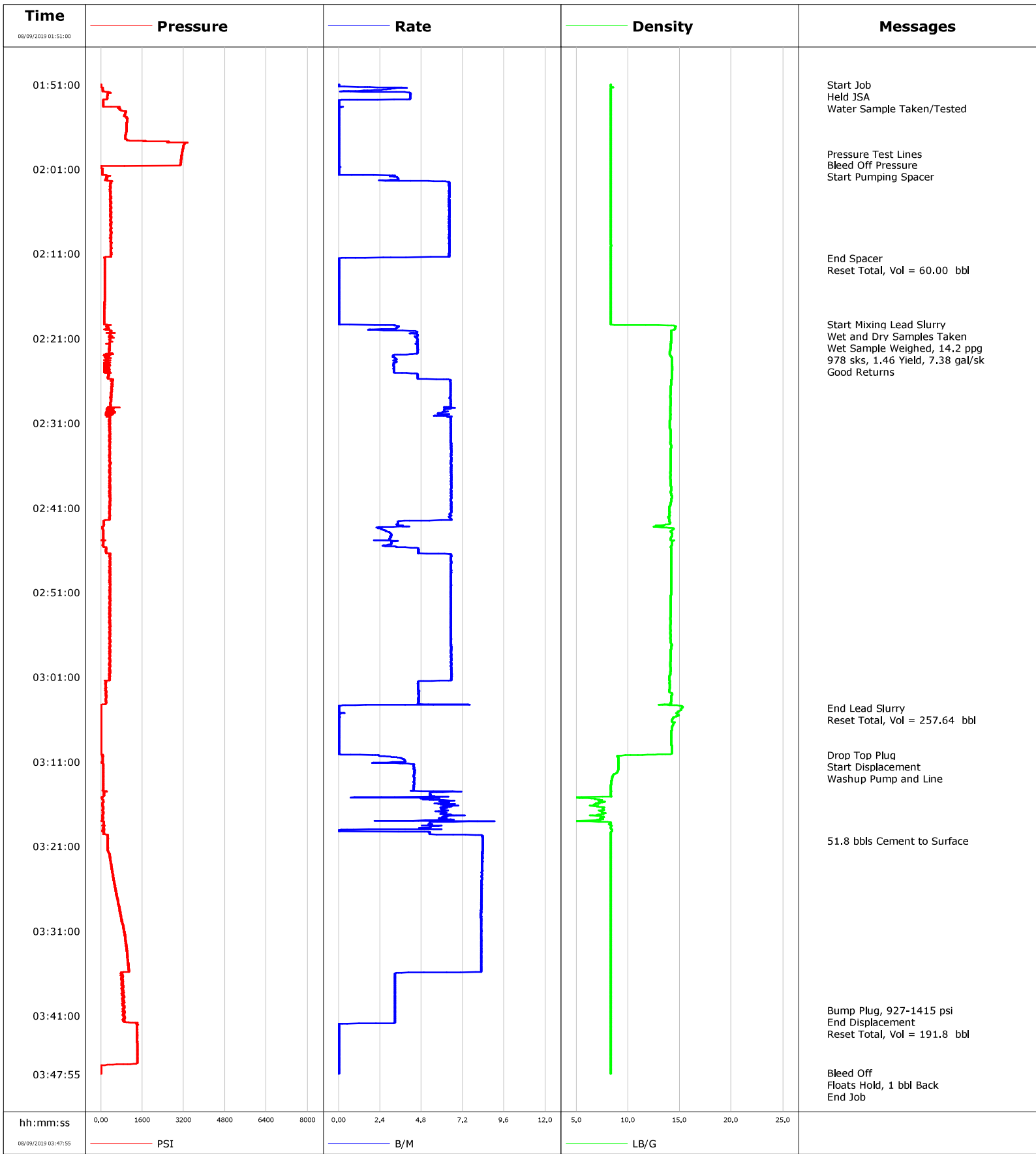


Well	Hingley 1I-18H-A167	Client	Crestone Peak Resources
Field	DJ	SIR No.	EB2L-00843
Engineer	Ryan Drilling/Colby Dravis	Job Type	9 5/8" Surface
Country	United States	Job Date	08-09-2019



				Customer			Job Number			
				Crestone Peak Resources			EB2L-00843			
Well		Location (legal)			Schlumberger Location			Job Start		
Hingley 1I-18H-A167		CWY			CWY			Aug/09/2019		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
DJ					0 deg	13.5 in	2585.0 ft		2585.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	115 degF	85 degF	lb/gal		
Well Master		API/UWI								
0064754151										
Rig Name	Drilled For		Service Via		Casing/Liner					
Ensign 122	Oil & Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		2570.5	9.6	40.0	j55	Itc	
	New		Development		0.0	0.0	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
WBM		8.50 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	9 5/8" Surface									
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	
					ft	ft			Diameter	
					ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth				
Casing		bbl				ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		bbl		bbl		bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type			
917 psi		Guide			2568.9 ft					
Pipe Rotated		Pipe Reciprocated			Stage Tool Type		Tool Depth			
<input type="checkbox"/>		<input type="checkbox"/>					ft			
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Depth		Tail Pipe Size			
		1			ft		in			
Cement Head Type				Collar Type		Collar Depth		Tail Pipe Depth		
				Float		2529.5 ft		ft		
Job Scheduled For		Arrived on Location		Leave Location		Sqz. Total Vol.				
Aug/09/2019 00:00		Aug/09/2019 00:00		Aug/09/2019 04:00		bbl				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/09/2019	01:51:00	0	0.0	8.34	0.0	Started Acquisition				
08/09/2019	01:51:01	1	0.0	8.34	0.0	Start Job				
08/09/2019	01:51:02	0	0.0	8.34	0.0	Held JSA				
08/09/2019	01:51:03	1	0.0	8.34	0.0	Water Sample Taken/Tested				
08/09/2019	01:52:00	385	4.1	8.34	1.7					
08/09/2019	01:53:00	88	0.0	8.34	5.1					
08/09/2019	01:54:00	716	0.0	8.34	5.1					
08/09/2019	01:55:00	1021	0.0	8.34	5.1					
08/09/2019	01:57:00	957	0.0	8.34	5.1					
08/09/2019	01:58:00	3247	0.0	8.34	5.1					
08/09/2019	01:59:00	3139	0.0	8.34	5.1					
08/09/2019	01:59:12	3129	0.0	8.34	5.1	Pressure Test Lines				
08/09/2019	02:00:00	3095	0.0	8.34	5.1					
08/09/2019	02:00:28	3072	0.0	8.34	5.1	Bleed Off Pressure				
08/09/2019	02:01:00	54	0.0	8.34	0.0					
08/09/2019	02:01:20	55	0.0	8.34	0.0	Start Pumping Spacer				
08/09/2019	02:02:00	191	3.4	8.34	0.8					
08/09/2019	02:03:00	357	6.4	8.35	5.8					
08/09/2019	02:04:00	345	6.4	8.34	12.2					
08/09/2019	02:05:00	387	6.4	8.34	18.7					
08/09/2019	02:06:00	372	6.4	8.34	25.1					

Well		Field		Job Start	Customer	Job Number
Hingley 11-18H-A167		DJ		Aug/09/2019	Crestone Peak Resources	EB2L-00843
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
08/09/2019	02:08:00	402	6.4	8.34	37.9	
08/09/2019	02:09:00	382	6.4	8.34	44.3	
08/09/2019	02:10:00	368	6.4	8.36	50.7	
08/09/2019	02:11:00	418	6.4	8.35	57.1	
08/09/2019	02:11:31	141	0.4	8.35	60.1	End Spacer
08/09/2019	02:11:33	139	0.1	8.35	60.1	Reset Total, Vol = 60.00 bbl
08/09/2019	02:12:00	142	0.0	8.34	0.0	
08/09/2019	02:13:00	140	0.0	8.35	0.0	
08/09/2019	02:14:00	138	0.0	8.35	0.0	
08/09/2019	02:15:00	137	0.0	8.35	0.0	
08/09/2019	02:16:00	135	0.0	8.35	0.0	
08/09/2019	02:17:00	135	0.0	8.35	0.0	
08/09/2019	02:18:00	133	0.0	8.35	0.0	
08/09/2019	02:19:00	132	0.0	8.35	0.0	
08/09/2019	02:19:21	131	0.0	8.35	0.0	Start Mixing Lead Slurry
08/09/2019	02:19:22	131	0.0	8.35	0.0	Wet and Dry Samples Taken
08/09/2019	02:19:23	211	0.1	8.35	0.0	Wet Sample Weighed, 14.2 ppg
08/09/2019	02:19:24	226	0.6	8.35	0.0	Good Returns
08/09/2019	02:20:00	251	1.8	14.46	1.8	
08/09/2019	02:21:00	353	4.5	14.15	6.1	
08/09/2019	02:22:00	327	4.6	14.10	10.6	
08/09/2019	02:23:00	376	3.2	14.07	15.1	
08/09/2019	02:24:00	294	3.2	14.24	18.3	
08/09/2019	02:25:00	249	3.2	14.23	21.5	
08/09/2019	02:26:00	480	6.5	14.18	26.2	
08/09/2019	02:27:00	432	6.5	14.13	32.7	
08/09/2019	02:28:00	423	6.5	14.08	39.2	
08/09/2019	02:29:00	380	6.5	14.09	45.6	
08/09/2019	02:30:00	457	6.2	14.10	51.8	
08/09/2019	02:31:00	307	6.5	14.02	58.1	
08/09/2019	02:32:00	344	6.5	14.10	64.7	
08/09/2019	02:33:00	346	6.5	14.10	71.2	
08/09/2019	02:34:00	345	6.5	14.14	77.7	
08/09/2019	02:35:00	331	6.5	14.10	84.2	
08/09/2019	02:36:00	316	6.5	14.10	90.8	
08/09/2019	02:37:00	350	6.5	14.09	97.3	
08/09/2019	02:38:00	344	6.5	14.12	103.8	
08/09/2019	02:39:00	342	6.5	14.15	110.3	
08/09/2019	02:40:00	357	6.5	14.18	116.9	
08/09/2019	02:41:00	309	6.5	13.97	123.4	
08/09/2019	02:42:00	329	6.5	14.00	129.9	
08/09/2019	02:43:00	113	3.4	13.92	135.0	
08/09/2019	02:44:00	86	3.0	14.21	137.9	
08/09/2019	02:45:00	93	3.1	14.19	140.9	
08/09/2019	02:46:00	199	4.6	14.17	144.3	
08/09/2019	02:47:00	359	6.5	14.17	149.9	
08/09/2019	02:48:00	341	6.5	14.18	156.5	
08/09/2019	02:49:00	332	6.5	14.17	163.0	
08/09/2019	02:50:00	356	6.5	14.17	169.5	
08/09/2019	02:51:00	340	6.5	14.15	176.0	
08/09/2019	02:52:00	366	6.5	14.13	182.5	
08/09/2019	02:53:00	342	6.5	14.11	189.0	
08/09/2019	02:54:00	346	6.5	14.09	195.5	
08/09/2019	02:55:00	340	6.5	14.08	202.0	

Well		Field		Job Start		Customer		Job Number	
Hingley 11-18H-A167		DJ		Aug/09/2019		Crestone Peak Resources		EB2L-00843	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/09/2019	02:57:00	331	6.5	14.14	215.0				
08/09/2019	02:58:00	360	6.5	14.12	221.5				
08/09/2019	02:59:00	346	6.5	14.10	228.0				
08/09/2019	03:00:00	343	6.5	14.13	234.5				
08/09/2019	03:01:00	344	6.5	13.97	241.1				
08/09/2019	03:02:00	198	4.6	14.00	246.6				
08/09/2019	03:03:00	196	4.6	14.23	251.3				
08/09/2019	03:04:00	212	4.6	14.14	255.9				
08/09/2019	03:04:41	6	0.0	15.21	257.6	End Lead Slurry			
08/09/2019	03:04:48	7	0.0	15.14	257.6	Reset Total, Vol = 257.64 bbl			
08/09/2019	03:05:00	5	0.0	14.99	0.0				
08/09/2019	03:06:00	6	0.0	14.29	0.0				
08/09/2019	03:07:00	6	0.0	14.23	0.0				
08/09/2019	03:08:00	6	0.0	14.18	0.0				
08/09/2019	03:09:00	6	0.0	14.19	0.0				
08/09/2019	03:10:00	6	0.0	14.19	0.0				
08/09/2019	03:10:12	34	0.7	12.45	0.0	Drop Top Plug			
08/09/2019	03:10:13	88	1.2	11.90	0.1	Start Displacement			
08/09/2019	03:10:14	69	2.0	11.38	0.1	Washup Pump and Line			
08/09/2019	03:11:00	72	3.9	9.06	2.6				
08/09/2019	03:12:00	90	4.4	9.02	6.6				
08/09/2019	03:13:00	83	4.4	8.45	11.0				
08/09/2019	03:14:00	80	4.4	8.34	15.4				
08/09/2019	03:15:00	125	5.3	8.34	20.3				
08/09/2019	03:16:00	70	5.7	7.24	25.7				
08/09/2019	03:17:00	75	6.3	7.48	31.9				
08/09/2019	03:18:00	43	4.3	5.32	38.1				
08/09/2019	03:19:00	125	6.0	8.38	43.4				
08/09/2019	03:20:00	260	8.3	8.34	48.4				
08/09/2019	03:20:20	262	8.3	8.35	51.2	51.8 bbls Cement to Surface			
08/09/2019	03:21:00	259	8.3	8.35	56.7				
08/09/2019	03:22:00	334	8.3	8.35	65.1				
08/09/2019	03:23:00	371	8.3	8.35	73.4				
08/09/2019	03:24:00	450	8.3	8.35	81.7				
08/09/2019	03:25:00	496	8.3	8.35	90.0				
08/09/2019	03:26:00	548	8.3	8.35	98.3				
08/09/2019	03:27:00	615	8.3	8.35	106.6				
08/09/2019	03:28:00	679	8.3	8.35	114.9				
08/09/2019	03:29:00	753	8.2	8.35	123.1				
08/09/2019	03:30:00	827	8.3	8.35	131.4				
08/09/2019	03:31:00	888	8.3	8.35	139.6				
08/09/2019	03:32:00	947	8.3	8.35	147.9				
08/09/2019	03:33:00	980	8.3	8.35	156.2				
08/09/2019	03:34:00	1021	8.3	8.35	164.4				
08/09/2019	03:35:00	1065	8.3	8.35	172.7				
08/09/2019	03:36:00	789	3.3	8.35	180.7				
08/09/2019	03:37:00	873	3.3	8.34	183.9				
08/09/2019	03:38:00	823	3.3	8.34	187.2				
08/09/2019	03:39:00	892	3.3	8.34	190.5				
08/09/2019	03:40:00	873	3.3	8.34	193.7				
08/09/2019	03:40:20	856	3.3	8.34	194.8	Bump Plug, 927-1415 psi			
08/09/2019	03:40:41	877	3.3	8.34	195.9	End Displacement			
08/09/2019	03:40:44	893	3.3	8.34	196.1	Reset Total, Vol = 191.8 bbl			
08/09/2019	03:41:00	883	3.3	8.34	196.9				

Well		Field		Job Start		Customer		Job Number	
Hingley 11-18H-A167		DJ		Aug/09/2019		Crestone Peak Resources		EB2L-00843	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/09/2019	03:43:00	1399	0.0	8.35	200.1				
08/09/2019	03:44:00	1395	0.0	8.35	200.1				
08/09/2019	03:45:00	1403	0.0	8.35	200.1				
08/09/2019	03:46:00	1405	0.0	8.35	200.1				
08/09/2019	03:47:00	-4	0.0	8.35	200.1				
08/09/2019	03:47:45	5	0.0	8.35	0.0	Bleed Off			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
					257.6		60.0	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
	0		1415			bbl		lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume	
%	252.0 bbl		191.8 bbl	74 degF	<input checked="" type="checkbox"/>		51.8 bbl	
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs		To	ft
Randy Lance			Ryan Drilling/Colby Dravis		<input type="checkbox"/>		-	ft
					Circulation Lost		Job Completed	<input type="checkbox"/>
					-		-	