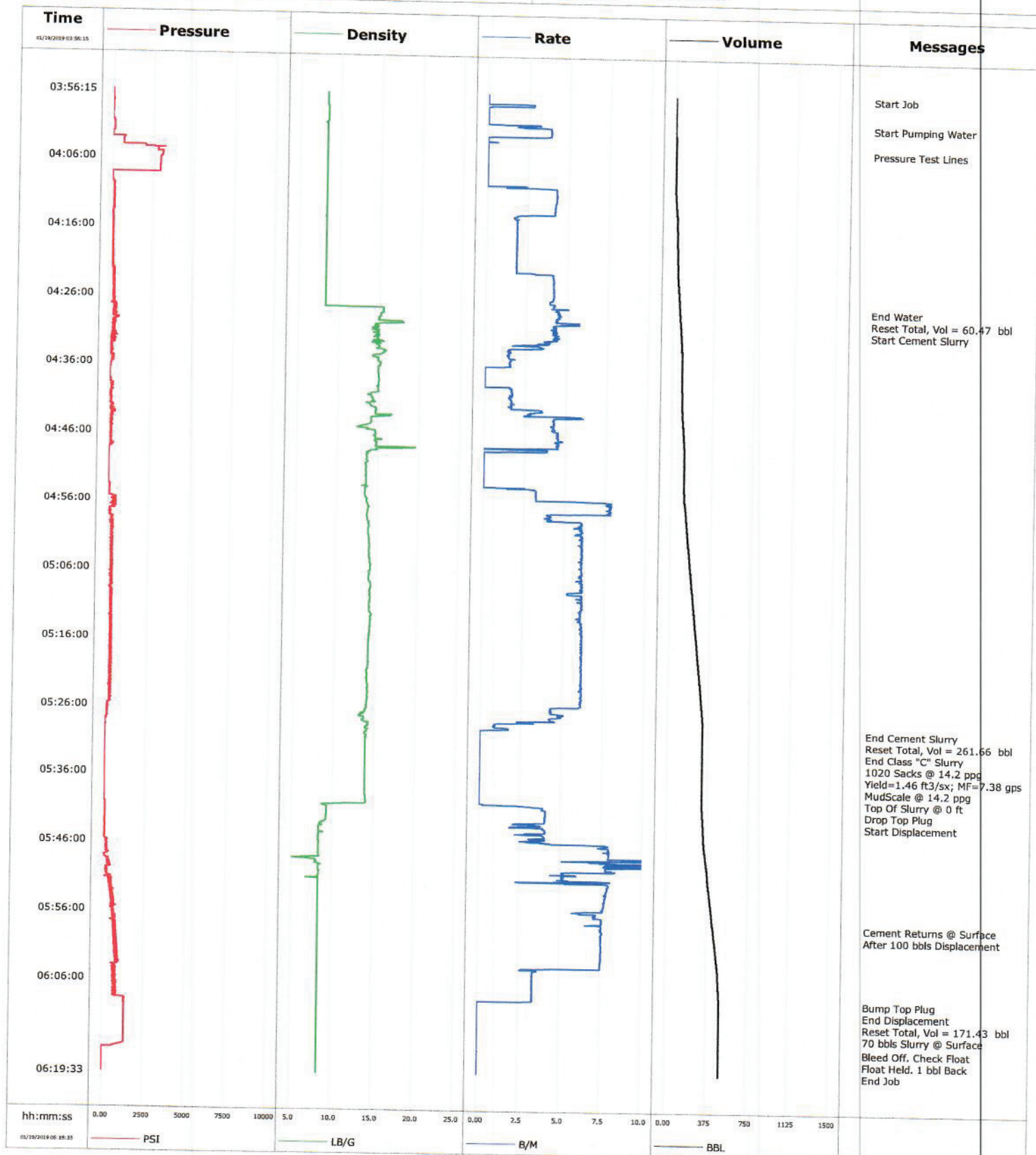


<b>Well</b>	Echeverria 2D-2H-D267	<b>Client</b>	CRESTONE PEAK RESOURCES OPERAT
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DZ6B-00594
<b>Engineer</b>	Wence Luste	<b>Job Type</b>	9 5/8" Surface
<b>Country</b>	United States	<b>Job Date</b>	01-19-2019



# Cementing Service Report

Customer CRESTONE PEAK RESOURCES OPERAT				Job Number DZ6B-00594					
Well Echeverria 2D-2H-D267		Location (legal) 05123487480000		Schlumberger Location Cheyenne, Wy		Job Start Jan/19/2019			
Field Wattenberg		Formation Name/Type		Deviation 1 deg		Bit Size 13.5 in			
County Weld		State/Province Colorado		Well MD 2315.0 ft		Well TVD 2315.0 ft			
Well Master 0631799905		API/UWI 05123487480000		BHP psi		BHST 80 degF			
Rig Name Ensign 122		Drilled For Oil		Service Via Land		BHCT 80 degF			
Offshore Zone		Well Class New		Well Type Exploration		Pore Press. Gradient lb/gal			
Drilling Fluid Type WBM		Max. Density 9.50 lb/gal		Plastic Viscosity 12.000 cP					
Service Line Cementing		Job Type 9 5/8" Surface							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8" C-Head					
Service Instructions Perform job as per proposal.				Casing/Liner					
				Depth, ft		Size, in		Weight, lb/ft	
				Grade		Thread			
				100.0		16.0		55.0	
				2313.2		9.6		40.0	
				J55		BTC			
Tubing/Drill Pipe				T/D		Depth, ft			
				Size, in		Weight, lb/ft			
				Grade		Thread			
				100.0		16.0		55.0	
				2313.2		9.6		40.0	
				J55		BTC			
Perforations/Open Hole				Top, ft		Bottom, ft			
				shot/ft		No. of Shots			
				Total Interval ft					
				ft		ft		Diameter in	
				ft		ft			
Treat Down Casing				Displacement 170.9 bbl		Packer Type			
				Packer Depth ft					
				Tubing Vol. bbl		Casing Vol. 175.4 bbl		Annular Vol. 206.0 bbl	
				Openhole Vol. 387.0 bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools					
Lift Pressure psi				Shoe Type Float		Squeeze Job			
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 2313.2 ft		Squeeze Type			
No. Centralizers Top Plugs 1 Bottom Plugs				Stage Tool Type		Tool Type			
Cement Head Type Single				Stage Tool Depth ft		Tool Depth ft			
Job Scheduled For Jan/19/2019 04:00				Arrived on Location Jan/19/2019 00:00		Leave Location Jan/19/2019 08:00			
Collar Type Float				Collar Depth 2251.7 ft		Tail Pipe Size in			
Collar Depth 2251.7 ft				Ssqz. Total Vol. bbl		Tail Pipe Depth ft			
Date				Time 24-hr clock		Treating Pressure PSI			
Flow Rate B/M				Density LB/G		Volume BBL			
Message									
01/19/2019				03:56:15		3			
01/19/2019				03:56:16		3			
01/19/2019				03:56:55		3			
01/19/2019				03:57:35		3			
01/19/2019				03:58:15		3			
01/19/2019				03:58:55		1			
01/19/2019				03:59:35		2			
01/19/2019				04:00:15		-1			
01/19/2019				04:00:36		1			
01/19/2019				04:00:55		83			
01/19/2019				04:01:35		107			
01/19/2019				04:02:15		110			
01/19/2019				04:02:55		10			
01/19/2019				04:03:35		681			
01/19/2019				04:04:13		667			
01/19/2019				04:04:15		665			
01/19/2019				04:04:55		2796			
01/19/2019				04:05:35		3077			
01/19/2019				04:06:15		2959			
01/19/2019				04:06:55		2943			
01/19/2019				04:07:35		2933			

Well		F	Wattenberg		Job Start	Customer	Job Number
Echeverria 2D-2H-D267					Jan/19/2019	CRESTONE PEAK RESOURCES OPERAT	DZ6B-00594
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/19/2019	04:08:55	8	0.0	8.32	6.2		
01/19/2019	04:09:35	61	1.1	8.32	6.2		
01/19/2019	04:10:15	152	4.3	8.32	8.4		
01/19/2019	04:10:55	153	4.3	8.32	11.2		
01/19/2019	04:11:35	106	4.3	8.32	14.1		
01/19/2019	04:12:15	121	4.2	8.32	16.9		
01/19/2019	04:12:55	133	4.2	8.32	19.7		
01/19/2019	04:13:35	114	4.2	8.32	22.5		
01/19/2019	04:14:15	47	1.7	8.34	24.3		
01/19/2019	04:14:55	73	1.8	8.32	25.5		
01/19/2019	04:15:35	75	1.8	8.32	26.7		
01/19/2019	04:16:15	73	1.9	8.32	28.0		
01/19/2019	04:16:55	78	1.9	8.32	29.2		
01/19/2019	04:17:35	79	1.9	8.32	30.4		
01/19/2019	04:18:15	81	1.8	8.33	31.7		
01/19/2019	04:18:55	70	1.8	8.33	32.9		
01/19/2019	04:19:35	70	1.9	8.33	34.1		
01/19/2019	04:20:15	91	1.8	8.33	35.4		
01/19/2019	04:20:55	127	1.8	8.33	36.6		
01/19/2019	04:21:35	93	1.8	8.33	37.8		
01/19/2019	04:22:15	120	2.5	8.33	39.0		
01/19/2019	04:22:55	144	4.1	8.33	41.6		
01/19/2019	04:23:35	169	4.2	8.33	44.4		
01/19/2019	04:24:15	154	4.1	8.33	47.1		
01/19/2019	04:24:55	146	4.2	8.33	49.9		
01/19/2019	04:25:35	157	4.2	8.33	52.7		
01/19/2019	04:26:15	231	4.1	8.33	55.5		
01/19/2019	04:26:55	150	4.2	8.33	58.1		
01/19/2019	04:27:26	52	4.2	8.33	60.3	End Water	
01/19/2019	04:27:28	184	4.1	9.52	60.4	Reset Total, Vol = 60.47 bbl	
01/19/2019	04:27:35	223	4.5	15.49	61.0		
01/19/2019	04:27:39	229	4.5	15.47	61.3	Start Cement Slurry	
01/19/2019	04:28:15	185	4.5	15.46	64.0		
01/19/2019	04:28:55	219	4.4	15.05	67.0		
01/19/2019	04:29:35	371	5.2	17.84	70.0		
01/19/2019	04:30:15	163	4.3	14.78	73.1		
01/19/2019	04:30:55	177	4.4	14.94	75.9		
01/19/2019	04:31:35	166	4.3	14.81	78.8		
01/19/2019	04:32:15	424	3.6	14.89	81.7		
01/19/2019	04:32:55	128	2.3	14.65	83.8		
01/19/2019	04:33:35	130	1.4	14.76	85.7		
01/19/2019	04:34:15	126	1.4	15.41	86.6		
01/19/2019	04:34:55	67	1.6	14.67	87.6		
01/19/2019	04:35:35	187	1.5	15.22	88.6		
01/19/2019	04:36:15	67	0.0	14.89	89.3		
01/19/2019	04:36:55	25	0.0	14.89	89.3		
01/19/2019	04:37:35	17	0.0	14.96	89.3		
01/19/2019	04:38:15	16	0.0	15.05	89.3		
01/19/2019	04:38:55	50	0.0	14.95	89.3		
01/19/2019	04:39:35	127	1.7	14.94	90.3		
01/19/2019	04:40:15	167	1.6	14.06	91.4		
01/19/2019	04:40:55	107	1.6	14.34	92.5		
01/19/2019	04:41:35	77	1.6	13.89	93.6		
01/19/2019	04:42:15	200	3.5	14.70	94.8		

Well		Wattenberg		Job Start	Customer	Job Number
Echeverria 2D-2H-D267				Jan/19/2019	CRESTONE PEAK RESOURCES OPERAT	DZ6B-00594
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
01/19/2019	04:43:35	175	4.3	14.12	99.8	
01/19/2019	04:44:15	126	4.3	14.14	102.6	
01/19/2019	04:44:55	127	4.2	12.66	105.4	
01/19/2019	04:45:35	100	4.5	14.61	108.3	
01/19/2019	04:46:15	95	4.5	14.44	111.3	
01/19/2019	04:46:55	130	4.4	14.56	114.4	
01/19/2019	04:47:35	125	4.5	14.81	117.4	
01/19/2019	04:48:15	65	3.9	14.78	119.6	
01/19/2019	04:48:55	5	0.0	13.66	120.0	
01/19/2019	04:49:35	2	0.0	13.65	120.0	
01/19/2019	04:50:15	1	0.0	13.50	120.0	
01/19/2019	04:50:55	1	0.0	13.57	120.0	
01/19/2019	04:51:35	2	0.0	13.57	120.0	
01/19/2019	04:52:15	1	0.0	13.57	120.0	
01/19/2019	04:52:55	1	0.0	13.59	120.0	
01/19/2019	04:53:35	14	0.0	13.58	120.0	
01/19/2019	04:54:15	90	3.2	13.45	121.6	
01/19/2019	04:54:55	78	3.2	13.47	123.8	
01/19/2019	04:55:35	231	3.7	13.74	126.0	
01/19/2019	04:56:15	413	7.8	13.83	131.0	
01/19/2019	04:56:55	325	7.8	13.90	136.2	
01/19/2019	04:57:35	112	4.0	13.81	140.9	
01/19/2019	04:58:15	175	4.2	13.81	143.6	
01/19/2019	04:58:55	280	6.0	13.99	147.1	
01/19/2019	04:59:35	244	5.9	14.03	151.0	
01/19/2019	05:00:15	182	6.0	13.94	155.1	
01/19/2019	05:00:55	278	6.1	14.00	159.1	
01/19/2019	05:01:35	224	6.1	14.08	163.1	
01/19/2019	05:02:15	275	6.1	14.11	167.2	
01/19/2019	05:02:55	246	6.1	14.10	171.2	
01/19/2019	05:03:35	240	6.1	14.11	175.3	
01/19/2019	05:04:15	319	6.1	14.15	179.4	
01/19/2019	05:04:55	229	6.1	14.22	183.4	
01/19/2019	05:05:35	309	6.1	14.25	187.5	
01/19/2019	05:06:15	277	6.1	14.11	191.5	
01/19/2019	05:06:55	232	6.1	14.07	195.6	
01/19/2019	05:07:35	300	6.1	14.16	199.6	
01/19/2019	05:08:15	231	6.1	14.35	203.7	
01/19/2019	05:08:55	158	5.6	14.20	207.7	
01/19/2019	05:09:35	264	6.1	14.22	211.5	
01/19/2019	05:10:15	257	5.9	14.24	215.6	
01/19/2019	05:10:55	310	6.1	14.19	219.6	
01/19/2019	05:11:35	224	6.1	14.22	223.7	
01/19/2019	05:12:15	257	6.1	14.36	227.7	
01/19/2019	05:12:55	259	6.0	14.35	231.7	
01/19/2019	05:13:35	243	6.1	14.33	235.8	
01/19/2019	05:14:15	325	6.1	14.30	239.8	
01/19/2019	05:14:55	217	6.1	14.25	243.9	
01/19/2019	05:15:35	320	6.1	14.22	248.0	
01/19/2019	05:16:15	249	6.1	14.16	252.1	
01/19/2019	05:16:55	289	6.1	14.12	256.2	
01/19/2019	05:17:35	304	6.1	14.11	260.3	
01/19/2019	05:18:15	221	6.1	14.16	264.3	
01/19/2019	05:18:55	322	6.1	14.13	268.4	

Well		Wattenberg		Job Start	Customer	Job Number
Echeverria 2D-2H-D267				Jan/19/2019	CRESTONE PEAK RESOURCES OPERAT	DZ6B-00594
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
01/19/2019	05:20:15	337	6.1	14.07	276.6	
01/19/2019	05:20:55	257	6.1	14.00	280.7	
01/19/2019	05:21:35	233	6.1	13.99	284.8	
01/19/2019	05:22:15	300	6.1	14.01	288.9	
01/19/2019	05:22:55	227	6.2	14.11	293.0	
01/19/2019	05:23:35	318	6.1	14.09	297.1	
01/19/2019	05:24:15	258	6.1	14.09	301.2	
01/19/2019	05:24:55	215	6.1	14.09	305.3	
01/19/2019	05:25:35	316	6.1	14.00	309.3	
01/19/2019	05:26:15	120	4.2	13.93	312.5	
01/19/2019	05:26:55	124	4.9	13.51	315.5	
01/19/2019	05:27:35	124	4.2	13.73	318.6	
01/19/2019	05:28:15	17	1.3	14.25	320.9	
01/19/2019	05:28:55	32	1.4	13.97	321.5	
01/19/2019	05:29:21	3	0.0	14.13	322.1	End Cement Slurry
01/19/2019	05:29:23	3	0.0	14.12	322.1	Reset Total, Vol = 261.66 bbl
01/19/2019	05:29:25	3	0.0	14.11	322.1	End Class "C" Slurry
01/19/2019	05:29:26	3	0.0	14.10	322.1	Yield=1.46 ft3/sx; MF=7.38 gps
01/19/2019	05:29:27	4	0.0	14.10	322.1	MudScale @ 14.2 ppg
01/19/2019	05:29:35	4	0.0	14.07	322.1	
01/19/2019	05:29:37	4	0.0	14.06	322.1	Drop Top Plug
01/19/2019	05:30:15	4	0.0	14.00	322.1	
01/19/2019	05:30:55	4	0.0	13.96	322.1	
01/19/2019	05:31:35	4	0.0	13.94	322.1	
01/19/2019	05:32:15	5	0.0	13.94	322.1	
01/19/2019	05:32:55	5	0.0	13.93	322.1	
01/19/2019	05:33:35	5	0.0	13.93	322.1	
01/19/2019	05:34:15	5	0.0	13.93	322.1	
01/19/2019	05:34:55	5	0.0	13.93	322.1	
01/19/2019	05:35:35	5	0.0	13.94	322.1	
01/19/2019	05:36:15	5	0.0	13.94	322.1	
01/19/2019	05:36:55	5	0.0	13.95	322.1	
01/19/2019	05:37:35	5	0.0	13.96	322.1	
01/19/2019	05:38:15	5	0.0	13.96	322.1	
01/19/2019	05:38:55	5	0.0	13.97	322.1	
01/19/2019	05:39:35	5	0.0	14.04	322.1	
01/19/2019	05:40:10	15	0.3	13.90	322.1	Start Displacement
01/19/2019	05:40:15	24	0.2	10.90	322.1	
01/19/2019	05:40:55	82	3.9	9.30	324.2	
01/19/2019	05:41:35	75	4.1	9.26	326.9	
01/19/2019	05:42:15	74	4.0	9.24	329.6	
01/19/2019	05:42:55	19	2.3	8.89	332.3	
01/19/2019	05:43:35	63	3.9	8.36	334.2	
01/19/2019	05:44:15	63	4.0	8.34	336.9	
01/19/2019	05:44:55	62	4.0	8.33	339.3	
01/19/2019	05:45:35	51	2.9	8.31	341.7	
01/19/2019	05:46:15	192	7.3	8.35	345.8	
01/19/2019	05:46:55	175	7.8	8.35	351.0	
01/19/2019	05:47:35	255	8.0	8.34	356.3	
01/19/2019	05:48:15	51	5.3	6.82	363.3	
01/19/2019	05:48:55	237	7.7	8.10	368.7	
01/19/2019	05:49:35	363	7.8	8.33	374.1	
01/19/2019	05:50:15	179	5.1	8.37	378.4	
01/19/2019	05:50:55	249	5.1	8.25	381.8	

Well			Wattenberg		Job Start	Customer	Job Number
Echeverria 2D-2H-D267					Jan/19/2019	CRESTONE PEAK RESOURCES OPERAT	DZ6B-00594
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/19/2019	05:52:15	431	7.9	8.33	391.0		
01/19/2019	05:52:55	484	7.8	8.33	396.2		
01/19/2019	05:53:35	470	7.8	8.33	401.4		
01/19/2019	05:54:15	605	7.7	8.33	406.6		
01/19/2019	05:54:55	519	7.7	8.33	411.7		
01/19/2019	05:55:35	729	7.6	8.33	416.8		
01/19/2019	05:56:15	667	7.2	8.33	421.3		
01/19/2019	05:56:55	621	7.6	8.33	426.1		
01/19/2019	05:57:35	458	7.1	8.33	431.2		
01/19/2019	05:57:55	785	7.5	8.33	433.6	Cement Returns @ Surface	
01/19/2019	05:57:56	805	7.6	8.33	433.8	After 100 bbls Displacement	
01/19/2019	05:58:15	687	7.5	8.33	436.1		
01/19/2019	05:58:55	655	7.6	8.33	441.2		
01/19/2019	05:59:35	847	7.5	8.33	446.2		
01/19/2019	06:00:15	730	7.5	8.33	451.3		
01/19/2019	06:00:55	831	7.6	8.33	456.3		
01/19/2019	06:01:35	831	7.6	8.33	461.3		
01/19/2019	06:02:15	742	7.5	8.33	466.4		
01/19/2019	06:02:55	954	7.5	8.33	471.4		
01/19/2019	06:03:35	830	7.5	8.32	476.4		
01/19/2019	06:04:15	774	2.6	8.32	480.6		
01/19/2019	06:04:55	673	3.4	8.32	482.9		
01/19/2019	06:05:35	714	3.4	8.32	485.1		
01/19/2019	06:06:15	712	3.3	8.32	487.3		
01/19/2019	06:06:55	840	3.4	8.32	489.6		
01/19/2019	06:07:35	851	3.4	8.32	491.8		
01/19/2019	06:08:15	708	3.4	8.32	494.0		
01/19/2019	06:08:55	1270	3.3	8.32	496.3		
01/19/2019	06:09:01	1321	0.3	8.32	496.5	Bump Top Plug	
01/19/2019	06:09:05	1371	0.0	8.32	496.5	End Displacement	
01/19/2019	06:09:09	1378	0.0	8.32	496.5	Reset Total, Vol = 171.43 bbl	
01/19/2019	06:09:10	1351	0.0	8.32	496.5	70 bbls Slurry @ Surface	
01/19/2019	06:09:35	1345	0.0	8.32	496.5		
01/19/2019	06:10:15	1356	0.0	8.32	496.5		
01/19/2019	06:10:55	1356	0.0	8.32	496.5		
01/19/2019	06:11:35	1358	0.0	8.32	496.5		
01/19/2019	06:12:15	1358	0.0	8.32	496.5		
01/19/2019	06:12:55	1362	0.0	8.32	496.5		
01/19/2019	06:13:35	1363	0.0	8.32	496.5		
01/19/2019	06:14:15	1363	0.0	8.32	496.5		
01/19/2019	06:14:55	1364	0.0	8.32	496.5		
01/19/2019	06:15:35	1364	0.0	8.32	496.5		
01/19/2019	06:16:10	193	0.0	8.32	496.5	Bleed Off. Check Float	
01/19/2019	06:16:11	81	0.0	8.32	496.5	Float Held. 1 bbl Back	
01/19/2019	06:16:15	9	0.0	8.32	496.5		
01/19/2019	06:16:26	8	0.0	8.32	496.5	End Job	
01/19/2019	06:16:55	7	0.0	8.32	496.5		
01/19/2019	06:17:35	7	0.0	8.32	496.5		
01/19/2019	06:18:15	6	0.0	8.32	496.5		

<b>Well</b> Echeverria 2D-2H-D267	<b>Ft</b> Wattenberg	<b>Job Start</b> Jan/19/2019	<b>Customer</b> CRESTONE PEAK RESOURCES OPERAT	<b>Job Number</b> DZ6B-00594
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.8	N2	Mud	Maximum Rate 23.3	Total Slurry 261.7	Mud 0.0	Spacer 60.3	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3212	Final 1362	Average 347	Bump Plug to 1362	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 265.0 bbl	Displacement 171.4 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 70.0 bbl			
Customer or Authorized Representative Justin Bull / Nate Curly		Schlumberger Supervisor Wence Luste		Washed Thru Perfs <input type="checkbox"/>	To ft			
				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			