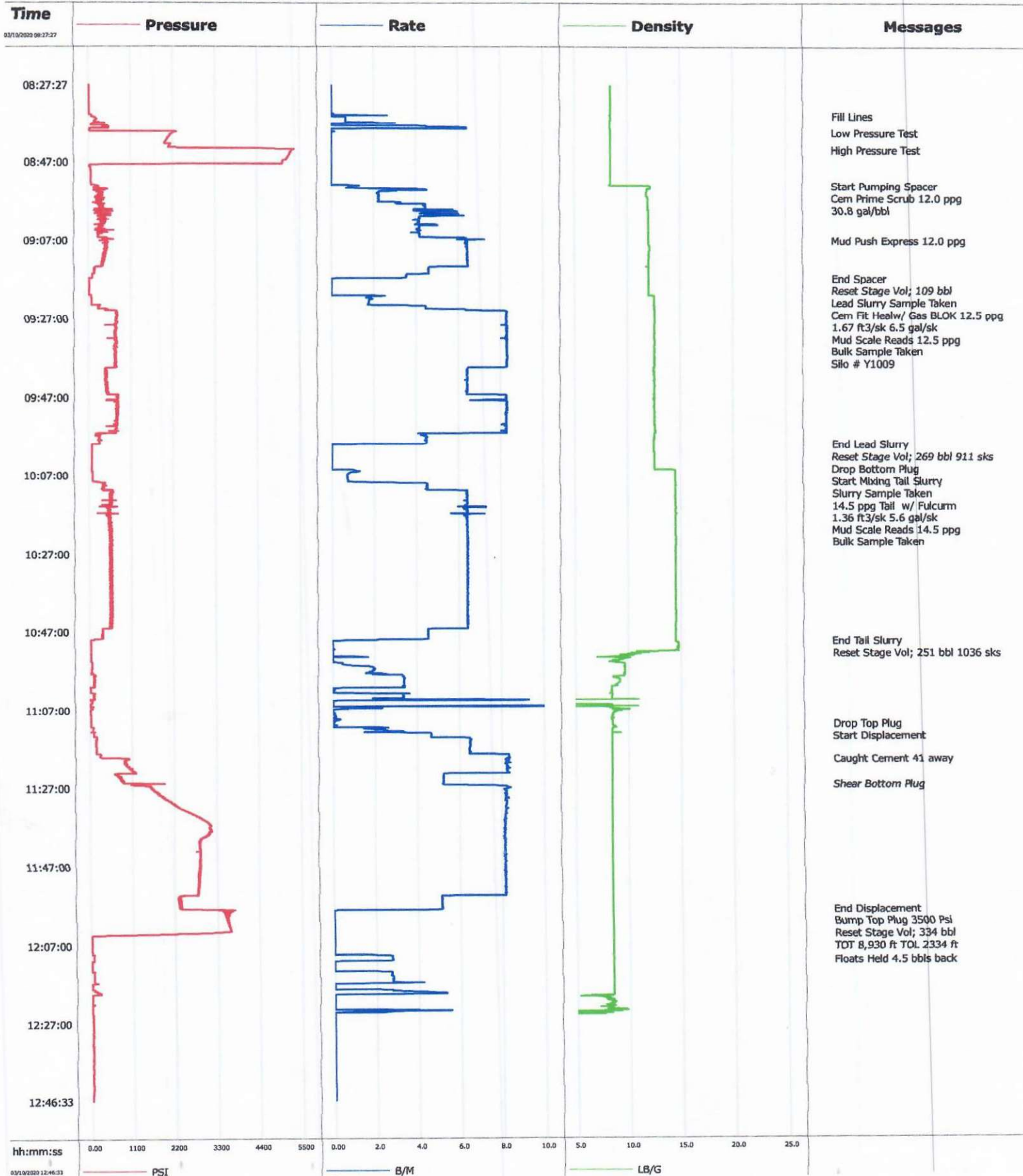


Well	Herbers #1B-20H-B167	Client	Crestone Peak Resources
Field	Wattenburg	SIR No.	3131970
Engineer	Jemarco Arrington/ Sheldon Bell	Job Type	Cem Prod Casing
Country	United States	Job Date	3.10.20



hh:mm:ss 0.00 1100 2200 3300 4400 5500 0.00 2.0 4.0 6.0 8.0 10.0 5.0 10.0 15.0 20.0 25.0

03/10/2020 12:46:33 ——— PSI ——— B/M ——— LB/G

Well	Date	Time 24-hr clock	Tranhsng Pressure PSI	Flow Rate B/M	Density LB/G	Message					
Herbers #1B-20H-B167	Wattenburg	Mar/10/2020	Customer	Crestone hcrk Resources	Job Number 3131970	03/10/2020	08:47:27	5037	0.0	8.41	
						03/10/2020	08:48:27	60	0.0	8.41	
						03/10/2020	08:49:27	67	0.0	8.41	
						03/10/2020	08:50:27	71	0.0	8.41	
						03/10/2020	08:51:27	76	0.0	8.41	
						03/10/2020	08:52:27	80	0.0	8.41	
						03/10/2020	08:53:00	183	1.3	11.78	Start Pumping Spacer
						03/10/2020	08:53:27	219	0.8	12.18	
						03/10/2020	08:54:27	272	3.1	11.85	
						03/10/2020	08:54:54	265	2.2	11.84	Cem Prime Scrub 12.0 ppg
						03/10/2020	08:55:00	376	2.2	11.83	
						03/10/2020	08:55:27	327	2.2	11.83	30.8 gal/bbl
						03/10/2020	08:56:27	276	2.2	11.83	
						03/10/2020	08:57:27	276	2.2	11.95	
						03/10/2020	08:58:27	359	4.5	11.96	
						03/10/2020	08:59:27	459	5.7	12.01	
						03/10/2020	09:00:27	310	4.4	12.02	
						03/10/2020	09:01:27	400	4.2	12.02	
						03/10/2020	09:02:27	353	4.2	12.02	
						03/10/2020	09:03:27	353	4.2	12.03	
						03/10/2020	09:04:27	567	4.2	12.02	
						03/10/2020	09:05:27	262	4.2	12.03	
						03/10/2020	09:06:27	429	6.4	12.01	
						03/10/2020	09:07:00	488	6.4	12.02	Mud Push Express 12.0 ppg
						03/10/2020	09:07:27	460	6.4	12.02	
						03/10/2020	09:08:27	458	6.4	12.10	
						03/10/2020	09:09:27	435	6.4	12.10	
						03/10/2020	09:10:27	427	6.4	12.04	
						03/10/2020	09:11:27	427	6.5	12.04	
						03/10/2020	09:12:27	358	6.4	12.02	
						03/10/2020	09:13:27	340	6.5	12.02	
						03/10/2020	09:14:27	160	4.6	12.00	
						03/10/2020	09:15:27	148	4.6	11.99	
						03/10/2020	09:16:27	103	3.5	11.99	
						03/10/2020	09:16:48	9	0.6	11.99	End Spacer
						03/10/2020	09:17:27	19	0.0	11.99	
						03/10/2020	09:17:30	18	0.0	11.99	
						03/10/2020	09:18:27	19	0.0	11.99	Reset Stage Vol; 109 bbl
						03/10/2020	09:19:19	19	0.0	11.99	
						03/10/2020	09:19:27	19	0.0	11.99	Lead Slurry Sample Taken
						03/10/2020	09:20:27	19	0.0	11.99	
						03/10/2020	09:21:17	68	2.5	12.53	Cem Fit Healw/ Gas BLOK 12.5 ppg
						03/10/2020	09:22:00	72	2.0	12.54	
						03/10/2020	09:22:27	82	1.9	12.53	1.67 r3/sk 6.5 gal/sk
						03/10/2020	09:23:07	82	1.8	12.53	
						03/10/2020	09:23:27	81	1.8	12.54	Mud Scale Reads 12.5 ppg
						03/10/2020	09:24:27	276	4.5	12.55	
						03/10/2020	09:25:27	735	8.3	12.57	
						03/10/2020	09:26:27	727	8.2	12.56	
						03/10/2020	09:28:27	675	8.2	12.55	
03/10/2020	09:29:27	699	8.3	12.53							
03/10/2020	09:30:27	700	8.3	12.54							
03/10/2020	09:31:27	672	8.3	12.52							

Well	Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message
Herbers #1B-20H-B167	03/10/2020	09:33:27	723	8.3	12.60	
		09:34:27	718	8.3	12.53	
		09:35:20	714	8.3	12.53	Bulk Sample Taken
		09:35:27	706	8.3	12.55	
		09:36:27	702	8.3	12.55	
		09:37:27	714	8.3	12.57	
		09:38:27	701	8.3	12.58	
		09:39:27	714	8.3	12.56	
		09:40:27	453	6.4	12.51	
		09:41:27	451	6.4	12.52	
		09:42:27	463	6.4	12.55	
		09:43:27	495	6.4	12.53	
		09:44:27	456	6.4	12.55	
		09:45:27	463	6.4	12.54	
		09:46:27	768	8.0	12.55	
		09:47:27	756	8.3	12.49	
		09:48:27	760	8.3	12.53	
		09:49:27	770	8.3	12.52	
		09:50:27	734	8.3	12.55	
		09:51:27	726	8.3	12.54	
		09:52:27	741	8.2	12.55	
		09:53:27	702	8.3	12.55	
		09:54:27	710	8.3	12.58	
		09:55:27	723	8.3	12.58	
		09:56:27	242	4.3	12.53	
		09:57:27	270	4.4	12.51	
		09:58:27	284	4.5	12.49	
		09:59:03	106	3.1	12.49	End Lead Slurry
		09:59:27	83	0.0	12.49	
		10:00:00	82	0.0	12.48	Reset Stage Vol; 269 bbl 911 sks
		10:00:27	82	0.0	12.49	
		10:01:00	82	0.0	12.51	Drop Bottom Plug
		10:02:27	82	0.0	12.52	
		10:03:27	82	0.0	12.53	
		10:04:27	82	0.0	12.54	
		10:05:27	82	0.0	12.55	
		10:06:00	90	1.3	14.49	Start Mixing Tail Slurry
		10:06:27	95	0.8	14.49	Slurry Sample Taken
		10:07:03	97	0.7	14.49	14.5 ppg Tail w/ Fulcum
		10:07:27	98	0.7	14.49	
		10:08:00	96	0.7	14.49	1.36 FC/sk 5.6 gal/sk
		10:08:27	95	0.8	14.49	
		10:09:15	367	4.5	14.51	Mud Scale Reads 14.5 ppg
10:09:27	400	4.5	14.52			
10:10:27	351	4.4	14.48			
10:11:27	568	6.4	14.49			
10:12:27	581	6.4	14.48			
10:13:27	605	6.4	14.49			
10:14:27	565	6.3	14.49			
10:15:25	493	6.4	14.51	Bulk Sample Taken		
10:15:27	503	6.2	14.51			
10:16:27	515	6.4	14.53			
10:17:27	523	6.4	14.50			

Job Number
3131970

Customer
Crestone Peak Resources

Job Start
Mar/10/2020

Field
Wattenburg

Date
03/10/2020

Time
09:33:27

Treating
Pressure
PSI
723

Flow
Rate
B/M
8.3

Density
LB/G
12.60

Message

Well	Field	Job Start	Customer	Job Number	Message	Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G
	Wattenburg	Mar/10/2020	Crestone Peak Resources	3131970		03/10/2020	10:19:27	573	6.4	14.50
						03/10/2020	10:20:27	563	6.4	14.49
						03/10/2020	10:21:27	564	6.4	14.52
						03/10/2020	10:22:27	559	6.4	14.52
						03/10/2020	10:23:27	540	6.4	14.52
						03/10/2020	10:24:27	556	6.4	14.53
						03/10/2020	10:25:27	549	6.4	14.47
						03/10/2020	10:26:27	566	6.4	14.48
						03/10/2020	10:27:27	587	6.4	14.50
						03/10/2020	10:28:27	557	6.4	14.51
						03/10/2020	10:29:27	547	6.4	14.49
						03/10/2020	10:30:27	560	6.4	14.50
						03/10/2020	10:31:27	560	6.4	14.50
						03/10/2020	10:32:27	561	6.4	14.50
						03/10/2020	10:33:27	538	6.4	14.50
						03/10/2020	10:35:27	553	6.4	14.50
						03/10/2020	10:36:27	543	6.4	14.50
						03/10/2020	10:37:27	589	6.4	14.50
						03/10/2020	10:38:27	604	6.4	14.50
						03/10/2020	10:39:27	565	6.4	14.50
						03/10/2020	10:40:27	556	6.4	14.52
						03/10/2020	10:41:27	558	6.4	14.52
						03/10/2020	10:42:27	579	6.4	14.52
						03/10/2020	10:43:27	556	6.4	14.53
						03/10/2020	10:44:27	540	6.4	14.53
						03/10/2020	10:45:27	543	6.4	14.48
						03/10/2020	10:46:27	348	4.5	14.50
						03/10/2020	10:47:27	347	4.5	14.49
						03/10/2020	10:48:27	332	4.5	14.49
						03/10/2020	10:49:12	129	2.1	14.49
						03/10/2020	10:49:27	43	0.0	14.49
						03/10/2020	10:50:02	42	0.0	14.74
						03/10/2020	10:50:27	43	0.0	14.79
						03/10/2020	10:51:27	43	0.1	14.68
						03/10/2020	10:52:27	43	0.0	10.75
						03/10/2020	10:53:27	45	0.6	7.03
						03/10/2020	10:54:27	45	0.0	9.07
						03/10/2020	10:55:27	71	0.6	9.67
						03/10/2020	10:56:27	65	2.0	9.68
						03/10/2020	10:57:27	56	1.7	9.64
						03/10/2020	10:58:27	118	3.4	8.55
						03/10/2020	10:59:27	117	3.4	9.19
						03/10/2020	11:00:27	112	3.4	8.83
						03/10/2020	11:01:27	27	0.0	8.41
						03/10/2020	11:02:27	31	0.0	8.41
						03/10/2020	11:03:27	127	3.3	8.40
						03/10/2020	11:04:27	23	3.3	0.36
						03/10/2020	11:05:27	21	0.0	0.09
						03/10/2020	11:06:27	39	1.9	8.46
						03/10/2020	11:07:27	23	0.0	8.91
						03/10/2020	11:08:27	27	0.0	8.46
						03/10/2020	11:09:27	28	0.2	8.41
						03/10/2020	11:10:27	28	0.0	8.47
						03/10/2020	11:10:34	28	0.0	8.48

Well	Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Customer	Job Start	Field	Job Number	Message
	03/10/2020	12:02:27	3606	0.0	8.41		Mar/10/2020	Wattenburg	3131970	
	03/10/2020	12:03:27	3632	0.0	8.41					
	03/10/2020	12:04:27	917	0.0	8.41					
	03/10/2020	12:05:27	19	0.0	8.41					
	03/10/2020	12:06:26	20	0.0	8.41					
	03/10/2020	12:06:27	19	0.0	8.41					
	03/10/2020	12:07:27	21	0.0	8.41					TOT 8,930 ft TOL 2334 ft
	03/10/2020	12:08:27	21	0.0	8.41					
	03/10/2020	12:09:27	83	0.0	8.41					
	03/10/2020	12:10:27	74	2.1	8.39					
	03/10/2020	12:10:53	43	2.7	8.43					
	03/10/2020	12:11:27	21	2.4	8.43					Foats Held 4.5 bbis back
	03/10/2020	12:12:27	22	0.0	8.42					
	03/10/2020	12:13:27	22	0.0	8.43					
	03/10/2020	12:14:27	22	0.0	8.42					
	03/10/2020	12:15:27	75	2.7	8.42					
	03/10/2020	12:16:27	76	2.8	8.41					
	03/10/2020	12:17:27	77	2.8	8.40					
	03/10/2020	12:18:27	19	0.0	8.40					
	03/10/2020	12:18:27	79	2.7	8.40					
	03/10/2020	12:19:27	239	5.3	8.41					
	03/10/2020	12:20:27	22	0.0	7.44					
	03/10/2020	12:21:27	20	0.0	8.29					
	03/10/2020	12:22:27	18	0.0	7.87					
	03/10/2020	12:23:27	18	0.0	7.88					
	03/10/2020	12:24:27	22	0.0	8.29					
	03/10/2020	12:25:27	38	0.0	0.19					
	03/10/2020	12:26:27	39	0.0	0.11					
	03/10/2020	12:27:27	42	0.0	0.11					
	03/10/2020	12:28:27	39	0.0	0.11					
	03/10/2020	12:29:27	38	0.0	0.09					
	03/10/2020	12:30:27	40	0.0	0.11					
	03/10/2020	12:31:27	30	0.0	0.10					
	03/10/2020	12:32:27	21	0.0	0.08					
	03/10/2020	12:33:27	38	0.0	0.10					
	03/10/2020	12:34:27	41	0.0	0.10					
	03/10/2020	12:35:27	42	0.0	0.10					
	03/10/2020	12:36:27	41	0.0	0.10					
	03/10/2020	12:37:27	38	0.0	0.09					
	03/10/2020	12:38:27	36	0.0	0.09					
	03/10/2020	12:39:27	39	0.0	0.08					
	03/10/2020	12:40:27	36	0.0	0.07					
	03/10/2020	12:41:27	37	0.0	0.07					
	03/10/2020	12:42:27	31	0.0	0.08					
	03/10/2020	12:43:27	41	0.0	0.09					
	03/10/2020	12:44:27	36	0.0	0.07					
	03/10/2020	12:45:27	18	0.0	0.07					

Well		Herbers #1B-20H-B167		Field		Wattenburg		Job Start		Mar/10/2020		Customer		Crestone - eak Resources		Job Number		3131970			
Slurry		NZ		Mud		Maximum Rate		0.0		Total Slurry		519.0		Mud		0.0		Spacer		109.0	
Maximum		Final		Average		Bump Plug to		3500		Breakdown		Type		Volume		334.3 bbl		Density		8.34 lb/gal	
0		0																			
Avg. NZ Percent		Designed Slurry Volume		Displacement		Mix Water Temp		Cement Circulated to Surface?		Volume		bbl									
%		522.0 bbl		334.0 bbl		74 degF		Washed Thru Perfs		To		ft									
Customer or Authorized Representative		Schumberger Supervisor		Jernarco Arrington/ Sheldon Bell		Circulation Lost		Job Completed		<input type="checkbox"/>		<input checked="" type="checkbox"/>									
John Holland																					

Post Job Summary

Average Pump Rates, bbl/min		Volume of Fluid Injected, bbl	
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