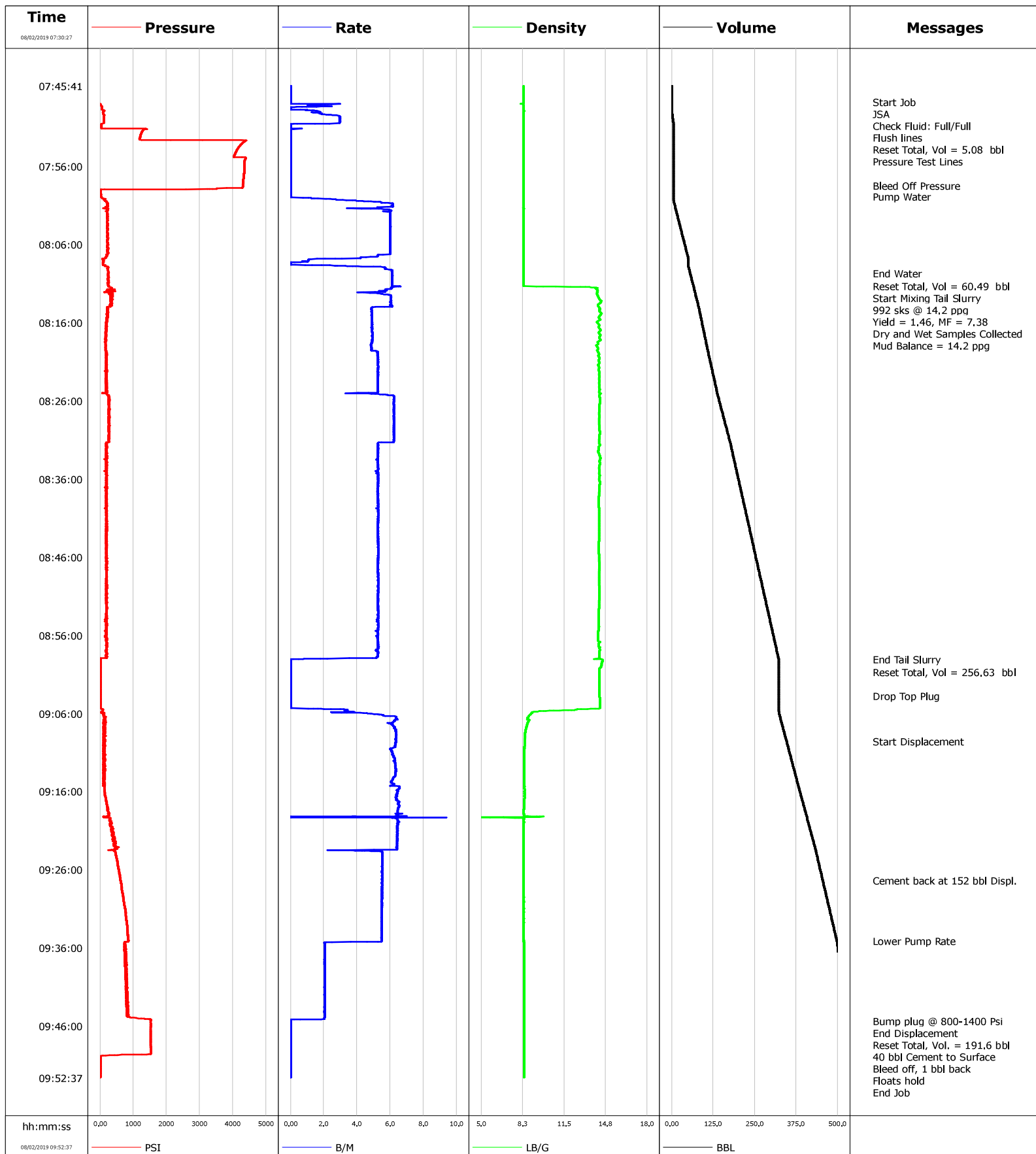


Well HINGLEY 1C-18H-A167
Field DJ
Engineer Bharatsai Alla
Country United States

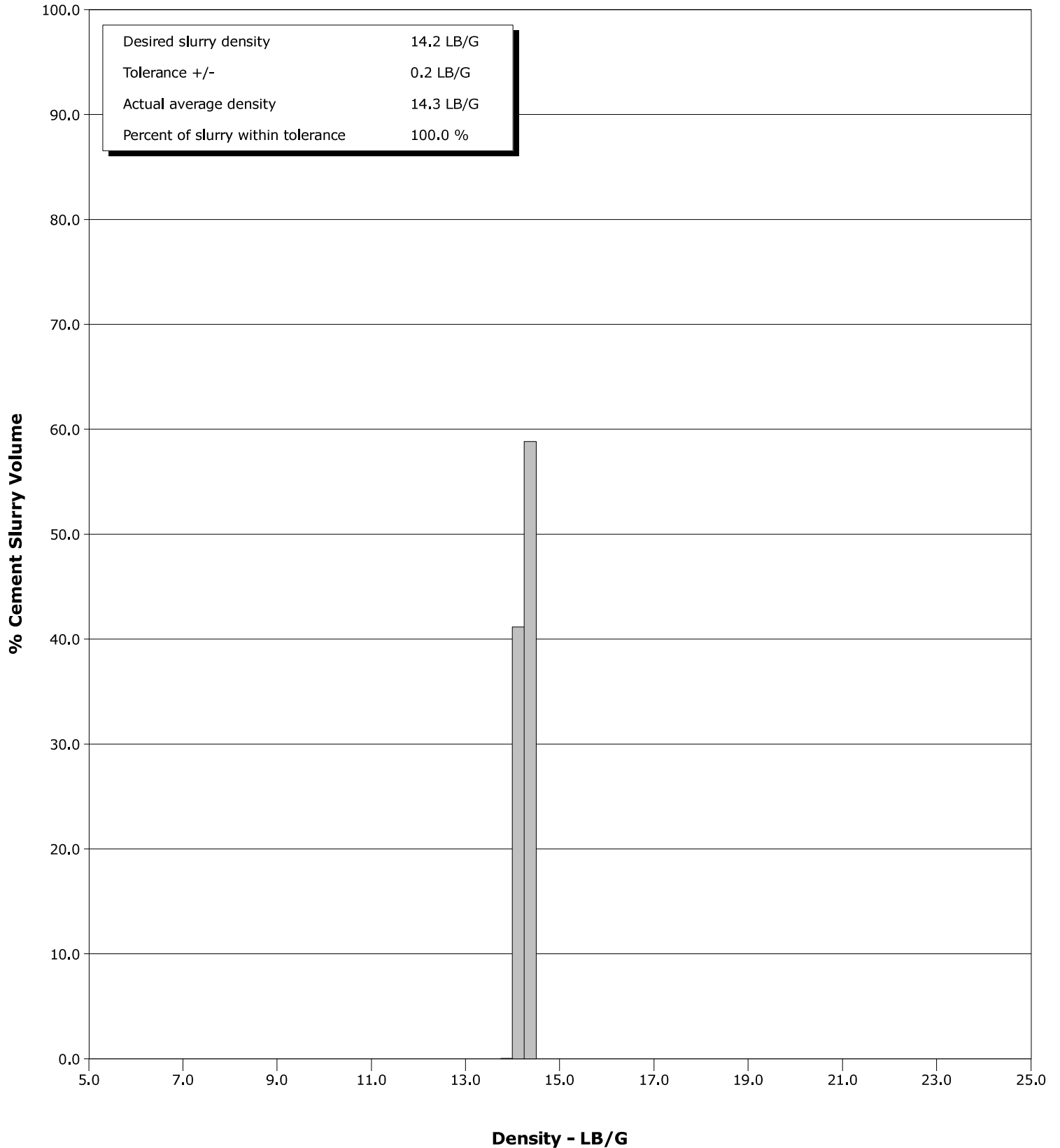
Client CRESTONE PEAK
SIR No. EB2L-00837
Job Type 9 5/8" Surface
Job Date 08-02-2019



Well HINGLEY 1C-18H-A167
Field DJ
Engineer Bharatsai Alla
Country United States

Client CRESTONE PEAK
SIR No. EB2L-00837
Job Type 9 5/8" Surface
Job Date 08-02-2019

Cement Slurry - 08/02/2019 08:16:09 to 08/02/2019 09:00:43



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Well			Field		Job Start		Customer		Job Number	
HINGLEY 1C-18H-A167			DJ		Aug/02/2019		CRESTONE PEAK		EB2L-00837	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL	Message		
08/02/2019	07:45:07	-1		0.0	8.33		0.0			
08/02/2019	07:45:47	-1		0.0	8.34		0.0			
08/02/2019	07:46:27	-2		0.0	8.34		0.0			
08/02/2019	07:47:07	-1		0.0	8.34		0.0			
08/02/2019	07:47:46	-1		0.0	8.34		0.0	Start Job		
08/02/2019	07:47:47	-1		0.0	8.34		0.0	JSA		
08/02/2019	07:47:48	-1		0.0	8.34		0.0	Check Fluid: Full/Full		
08/02/2019	07:48:27	56		0.0	8.34		0.7			
08/02/2019	07:48:34	57		0.0	8.34		0.7	Flush lines		
08/02/2019	07:49:07	84		1.4	8.34		1.2			
08/02/2019	07:49:47	116		3.0	8.34		2.8			
08/02/2019	07:50:34	41		0.0	8.34		5.1	Reset Total, Vol = 5.08 bbl		
08/02/2019	07:50:35	43		0.0	8.34		5.1	Pressure Test Lines		
08/02/2019	07:51:07	44		0.0	8.34		5.1			
08/02/2019	07:51:47	1239		0.0	8.34		5.1			
08/02/2019	07:52:27	1192		0.0	8.34		5.1			
08/02/2019	07:53:07	4271		0.0	8.34		5.1			
08/02/2019	07:53:47	4143		0.0	8.34		5.1			
08/02/2019	07:54:27	4064		0.0	8.34		5.1			
08/02/2019	07:55:07	4373		0.0	8.34		5.1			
08/02/2019	07:55:47	4352		0.0	8.34		5.1			
08/02/2019	07:56:27	4349		0.0	8.34		5.1			
08/02/2019	07:57:07	4338		0.0	8.34		5.1			
08/02/2019	07:57:47	4322		0.0	8.34		5.1			
08/02/2019	07:58:27	4305		0.0	8.34		5.1			
08/02/2019	07:58:28	4304		0.0	8.34		5.1	Bleed Off Pressure		
08/02/2019	07:59:07	0		0.0	8.34		5.1			
08/02/2019	07:59:47	30		0.0	8.34		5.1			
08/02/2019	07:59:49	30		0.0	8.34		5.1	Pump Water		
08/02/2019	08:00:27	169		4.4	8.34		6.2			
08/02/2019	08:01:07	227		6.2	8.34		10.1			
08/02/2019	08:01:47	213		5.9	8.34		13.8			
08/02/2019	08:02:27	211		6.0	8.34		17.7			
08/02/2019	08:03:07	217		6.0	8.34		21.8			
08/02/2019	08:03:47	208		6.0	8.34		25.8			
08/02/2019	08:04:27	210		6.0	8.34		29.8			
08/02/2019	08:05:07	222		6.0	8.34		33.8			
08/02/2019	08:05:47	234		6.0	8.34		37.8			
08/02/2019	08:06:27	218		6.0	8.34		41.8			
08/02/2019	08:07:07	230		6.0	8.34		45.9			
08/02/2019	08:07:47	146		4.1	8.34		49.3			
08/02/2019	08:08:27	80		0.0	8.34		50.0			
08/02/2019	08:09:07	213		5.7	8.34		52.1			
08/02/2019	08:09:38	264		6.1	8.34		55.3	End Water		
08/02/2019	08:09:47	233		6.1	8.35		56.2			
08/02/2019	08:10:27	237		6.1	8.34		60.3			
08/02/2019	08:11:07	239		6.1	8.34		64.4			
08/02/2019	08:11:18	261		6.1	8.34		65.5	Reset Total, Vol = 60.49 bbl		
08/02/2019	08:11:21	247		6.7	9.32		65.8	Start Mixing Tail Slurry		
08/02/2019	08:11:47	407		5.7	14.10		68.4			
08/02/2019	08:12:05	134		5.1	14.09		70.1	992 sks @ 14.2 ppg		
08/02/2019	08:12:07	150		4.0	14.11		70.2	Dry and Wet Samples Collected		
08/02/2019	08:12:08	134		4.1	14.13		70.4	Mud Balance = 14.2 ppg		
08/02/2019	08:12:27	385		6.0	14.12		72.0			

Well			Field		Job Start		Customer		Job Number	
HINGLEY 1C-18H-A167			DJ		Aug/02/2019		CRESTONE PEAK		EB2L-00837	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/02/2019	08:13:47	322	6.1	14.17	80.1					
08/02/2019	08:14:27	233	4.9	14.27	83.6					
08/02/2019	08:15:07	211	4.9	14.31	86.9					
08/02/2019	08:15:47	181	4.9	14.19	90.1					
08/02/2019	08:16:27	170	4.9	14.23	93.4					
08/02/2019	08:17:07	181	4.9	14.30	96.7					
08/02/2019	08:17:47	174	4.9	14.30	99.9					
08/02/2019	08:18:27	147	4.9	14.14	103.2					
08/02/2019	08:19:07	156	4.9	14.12	106.5					
08/02/2019	08:19:47	176	5.2	14.17	109.8					
08/02/2019	08:20:27	182	5.3	14.25	113.3					
08/02/2019	08:21:07	186	5.3	14.26	116.8					
08/02/2019	08:21:47	193	5.3	14.25	120.3					
08/02/2019	08:22:27	201	5.3	14.27	123.8					
08/02/2019	08:23:07	169	5.2	14.24	127.3					
08/02/2019	08:23:47	203	5.3	14.25	130.8					
08/02/2019	08:24:27	219	5.3	14.30	134.3					
08/02/2019	08:25:07	215	5.2	14.32	137.8					
08/02/2019	08:25:47	288	6.2	14.32	141.8					
08/02/2019	08:26:27	270	6.2	14.30	145.9					
08/02/2019	08:27:07	264	6.2	14.30	150.1					
08/02/2019	08:28:27	260	6.2	14.24	158.4					
08/02/2019	08:29:07	264	6.2	14.27	162.6					
08/02/2019	08:29:47	251	6.2	14.29	166.7					
08/02/2019	08:30:27	250	6.3	14.27	170.9					
08/02/2019	08:31:07	255	6.2	14.26	175.0					
08/02/2019	08:31:47	210	5.2	14.29	178.8					
08/02/2019	08:32:27	203	5.3	14.18	182.3					
08/02/2019	08:33:07	186	5.3	14.32	185.8					
08/02/2019	08:33:47	181	5.3	14.29	189.3					
08/02/2019	08:34:27	175	5.3	14.27	192.8					
08/02/2019	08:35:07	200	5.3	14.27	196.3					
08/02/2019	08:35:47	207	5.3	14.28	199.8					
08/02/2019	08:36:27	175	5.3	14.32	203.3					
08/02/2019	08:37:07	175	5.3	14.27	206.9					
08/02/2019	08:37:47	224	5.3	14.25	210.4					
08/02/2019	08:38:27	216	5.2	14.20	213.9					
08/02/2019	08:39:07	189	5.3	14.22	217.4					
08/02/2019	08:39:47	191	5.2	14.24	220.9					
08/02/2019	08:40:27	199	5.3	14.24	224.4					
08/02/2019	08:41:07	206	5.3	14.26	227.9					
08/02/2019	08:41:47	212	5.3	14.26	231.5					
08/02/2019	08:42:27	219	5.3	14.25	235.0					
08/02/2019	08:43:07	219	5.3	14.24	238.5					
08/02/2019	08:43:47	196	5.3	14.23	242.0					
08/02/2019	08:44:27	202	5.3	14.21	245.5					
08/02/2019	08:45:07	214	5.3	14.20	249.0					
08/02/2019	08:45:47	217	5.3	14.23	252.5					
08/02/2019	08:46:27	193	5.3	14.26	256.1					
08/02/2019	08:47:07	182	5.3	14.27	259.5					
08/02/2019	08:47:47	181	5.3	14.26	263.1					
08/02/2019	08:48:27	199	5.3	14.26	266.6					
08/02/2019	08:49:07	205	5.3	14.25	270.1					
08/02/2019	08:49:47	178	5.3	14.27	273.6					

Well			Field		Job Start		Customer		Job Number	
HINGLEY 1C-18H-A167			DJ		Aug/02/2019		CRESTONE PEAK		EB2L-00837	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/02/2019	08:51:07	191	5.3	14.27	280.7					
08/02/2019	08:51:47	194	5.3	14.25	284.2					
08/02/2019	08:52:27	185	5.3	14.24	287.7					
08/02/2019	08:53:07	180	5.3	14.22	291.2					
08/02/2019	08:53:47	191	5.3	14.21	294.7					
08/02/2019	08:54:27	213	5.3	14.21	298.2					
08/02/2019	08:55:07	211	5.3	14.21	301.8					
08/02/2019	08:55:47	213	5.3	14.17	305.3					
08/02/2019	08:56:27	206	5.3	14.16	308.8					
08/02/2019	08:57:07	198	5.3	14.22	312.3					
08/02/2019	08:57:47	182	5.2	14.32	315.8					
08/02/2019	08:58:27	211	5.3	14.28	319.3					
08/02/2019	08:59:05	1	0.0	14.43	322.2	End Tail Slurry				
08/02/2019	08:59:07	5	0.0	14.49	322.2					
08/02/2019	08:59:47	6	0.0	14.43	322.2					
08/02/2019	09:00:27	7	0.0	14.30	322.2					
08/02/2019	09:00:43	7	0.0	14.29	322.2	Reset Total, Vol = 256.63 bbl				
08/02/2019	09:01:07	6	0.0	14.29	322.2					
08/02/2019	09:01:47	6	0.0	14.30	322.2					
08/02/2019	09:02:27	6	0.0	14.30	322.2					
08/02/2019	09:03:07	5	0.0	14.30	322.2					
08/02/2019	09:03:44	6	0.0	14.30	322.2	Drop Top Plug				
08/02/2019	09:03:47	6	0.0	14.30	322.2					
08/02/2019	09:04:27	6	0.0	14.30	322.2					
08/02/2019	09:05:07	6	0.0	14.31	322.2					
08/02/2019	09:05:47	70	3.7	9.24	323.4					
08/02/2019	09:06:27	188	6.4	8.70	326.7					
08/02/2019	09:07:07	128	6.2	8.68	330.9					
08/02/2019	09:07:47	110	6.3	8.54	335.0					
08/02/2019	09:08:27	134	6.4	8.46	339.2					
08/02/2019	09:09:07	104	6.3	8.43	343.5					
08/02/2019	09:09:34	144	6.4	8.41	346.3	Start Displacement				
08/02/2019	09:09:47	140	6.3	8.40	347.7					
08/02/2019	09:10:27	98	6.1	8.39	351.9					
08/02/2019	09:11:07	115	6.1	8.37	355.9					
08/02/2019	09:11:47	118	6.3	8.36	360.1					
08/02/2019	09:12:27	122	6.3	8.36	364.3					
08/02/2019	09:13:07	141	6.3	8.35	368.5					
08/02/2019	09:13:47	97	6.3	8.36	372.7					
08/02/2019	09:14:27	154	6.1	8.36	376.9					
08/02/2019	09:15:07	99	6.2	8.36	381.0					
08/02/2019	09:15:47	130	6.4	8.39	385.2					
08/02/2019	09:16:27	151	6.3	8.40	389.5					
08/02/2019	09:17:07	183	6.4	8.39	393.8					
08/02/2019	09:17:47	207	6.6	8.37	398.1					
08/02/2019	09:18:27	246	6.5	8.34	402.5					
08/02/2019	09:19:07	274	6.4	8.35	406.8					
08/02/2019	09:19:47	341	6.5	8.34	410.5					
08/02/2019	09:20:27	366	6.4	8.34	414.8					
08/02/2019	09:21:07	359	6.4	8.35	419.1					
08/02/2019	09:21:47	411	6.4	8.35	423.4					
08/02/2019	09:22:27	432	6.4	8.34	427.7					
08/02/2019	09:23:07	481	6.4	8.34	432.0					
08/02/2019	09:23:47	467	5.5	8.35	435.7					

Well			Field		Job Start		Customer		Job Number	
HINGLEY 1C-18H-A167			DJ		Aug/02/2019		CRESTONE PEAK		EB2L-00837	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/02/2019	09:25:07	521	5.5	8.35	443.1					
08/02/2019	09:25:47	546	5.5	8.34	446.8					
08/02/2019	09:26:27	579	5.5	8.35	450.4					
08/02/2019	09:27:07	601	5.5	8.35	454.1					
08/02/2019	09:27:21	610	5.5	8.35	455.4	Cement back at 152 bbl Displ.				
08/02/2019	09:27:47	630	5.5	8.35	457.8					
08/02/2019	09:28:27	648	5.5	8.35	461.5					
08/02/2019	09:29:07	678	5.5	8.35	465.1					
08/02/2019	09:29:47	702	5.5	8.35	468.8					
08/02/2019	09:30:27	730	5.5	8.35	472.5					
08/02/2019	09:31:07	751	5.5	8.35	476.2					
08/02/2019	09:31:47	775	5.5	8.35	479.8					
08/02/2019	09:32:27	791	5.5	8.35	483.5					
08/02/2019	09:33:07	812	5.5	8.35	487.2					
08/02/2019	09:33:47	826	5.5	8.35	490.8					
08/02/2019	09:34:27	841	5.5	8.35	494.5					
08/02/2019	09:35:07	855	5.5	8.35	498.1	Lower Pump Rate				
08/02/2019	09:35:47	782	2.0	8.35	500.0					
08/02/2019	09:36:27	745	2.1	8.35	501.4					
08/02/2019	09:37:07	802	2.0	8.35	502.7					
08/02/2019	09:37:47	769	2.0	8.35	504.1					
08/02/2019	09:38:27	757	2.0	8.35	505.5					
08/02/2019	09:39:07	766	2.0	8.35	506.8					
08/02/2019	09:39:47	791	2.0	8.35	508.2					
08/02/2019	09:40:27	768	2.0	8.35	509.5					
08/02/2019	09:41:07	839	2.0	8.35	510.9					
08/02/2019	09:41:47	785	2.0	8.35	512.3					
08/02/2019	09:42:27	839	2.0	8.35	513.6					
08/02/2019	09:43:07	839	2.0	8.35	515.0					
08/02/2019	09:43:47	855	2.0	8.35	516.3					
08/02/2019	09:44:27	805	2.0	8.36	517.7					
08/02/2019	09:45:07	1441	2.0	8.35	519.1					
08/02/2019	09:45:21	1526	0.0	8.36	519.2	Bump plug @ 800-1400 Psi				
08/02/2019	09:45:22	1534	0.0	8.35	519.2	End Displacement				
08/02/2019	09:45:23	1534	0.0	8.36	519.2	Reset Total, Vol. = 191.6 bbl				
08/02/2019	09:45:47	1522	0.0	8.36	519.2					
08/02/2019	09:46:27	1526	0.0	8.35	519.2					
08/02/2019	09:47:07	1523	0.0	8.35	519.2					
08/02/2019	09:47:26	1524	0.0	8.35	519.2	40 bbl Cement to Surface				
08/02/2019	09:47:47	1525	0.0	8.36	519.2					
08/02/2019	09:48:27	1527	0.0	8.36	519.2					
08/02/2019	09:49:07	1528	0.0	8.36	519.2					
08/02/2019	09:49:19	1528	0.0	8.36	519.2	Bleed off, 1 bbl back				
08/02/2019	09:49:47	102	0.0	8.36	519.2					
08/02/2019	09:50:27	9	0.0	8.36	519.2					
08/02/2019	09:51:07	10	0.0	8.36	519.2					
08/02/2019	09:51:47	9	0.0	8.36	519.2					
08/02/2019	09:52:26	9	0.0	8.36	519.2	Floats hold				
08/02/2019	09:52:27	9	0.0	8.36	519.2					

Well HINGLEY 1C-18H-A167	Field DJ	Job Start Aug/02/2019	Customer CRESTONE PEAK	Job Number EB2L-00837
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
		5,0	6,0		256.6		60,0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type		Volume	Density	
4400	0		1400				bbl	lb/gal	
Avg. N2 Percent		Designed Slurry Volume		Displacement		Mix Water Temp		Cement Circulated to Surface?	Volume
%		256.6 bbl		191.6 bbl		70 degF		<input checked="" type="checkbox"/>	40.0 bbl
								<input type="checkbox"/>	To
								<input type="checkbox"/>	ft
Customer or Authorized Representative				Schlumberger Supervisor				Circulation Lost	Job Completed
Ryan Rensink				Bharatsai Alla				-	-