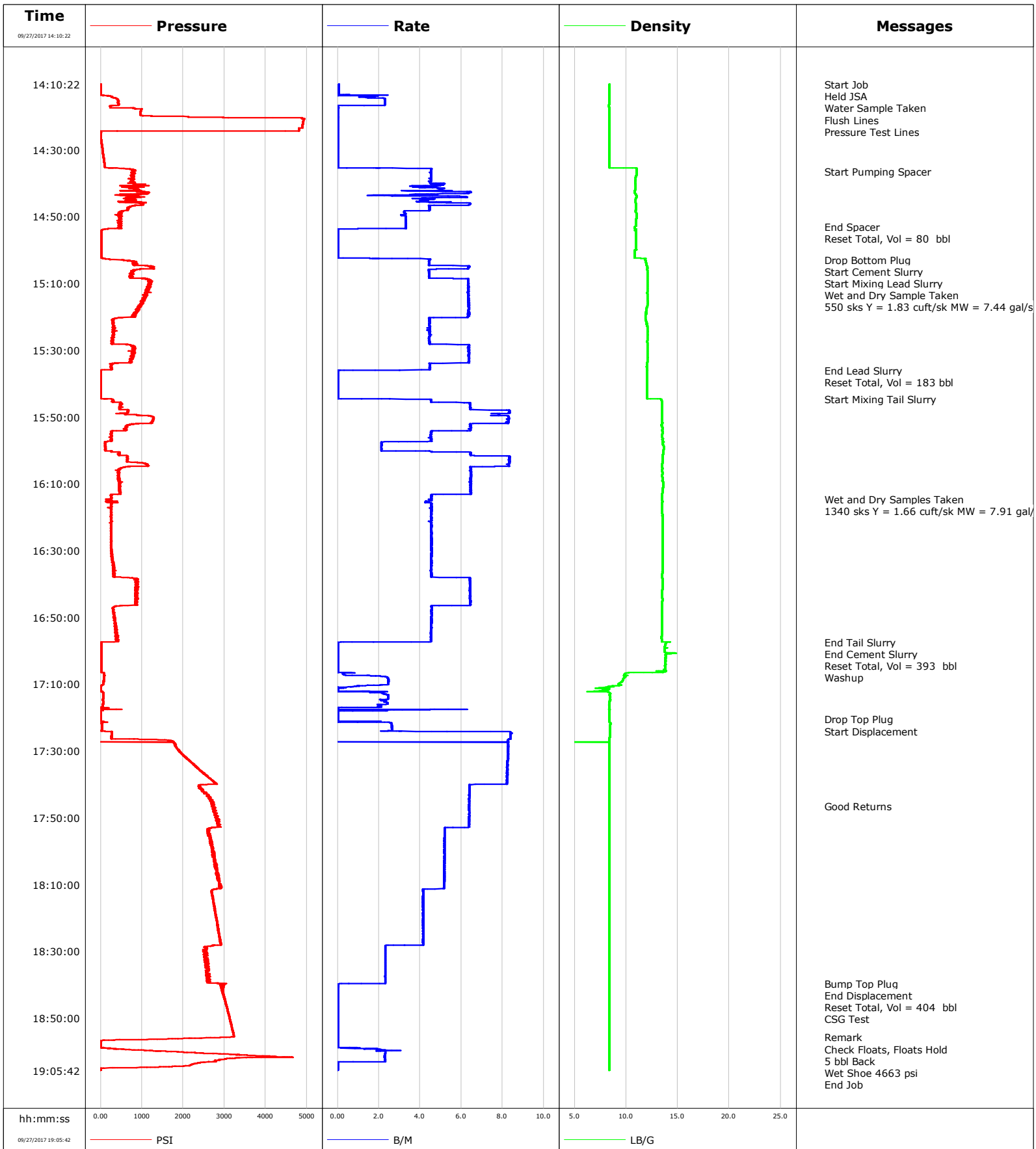


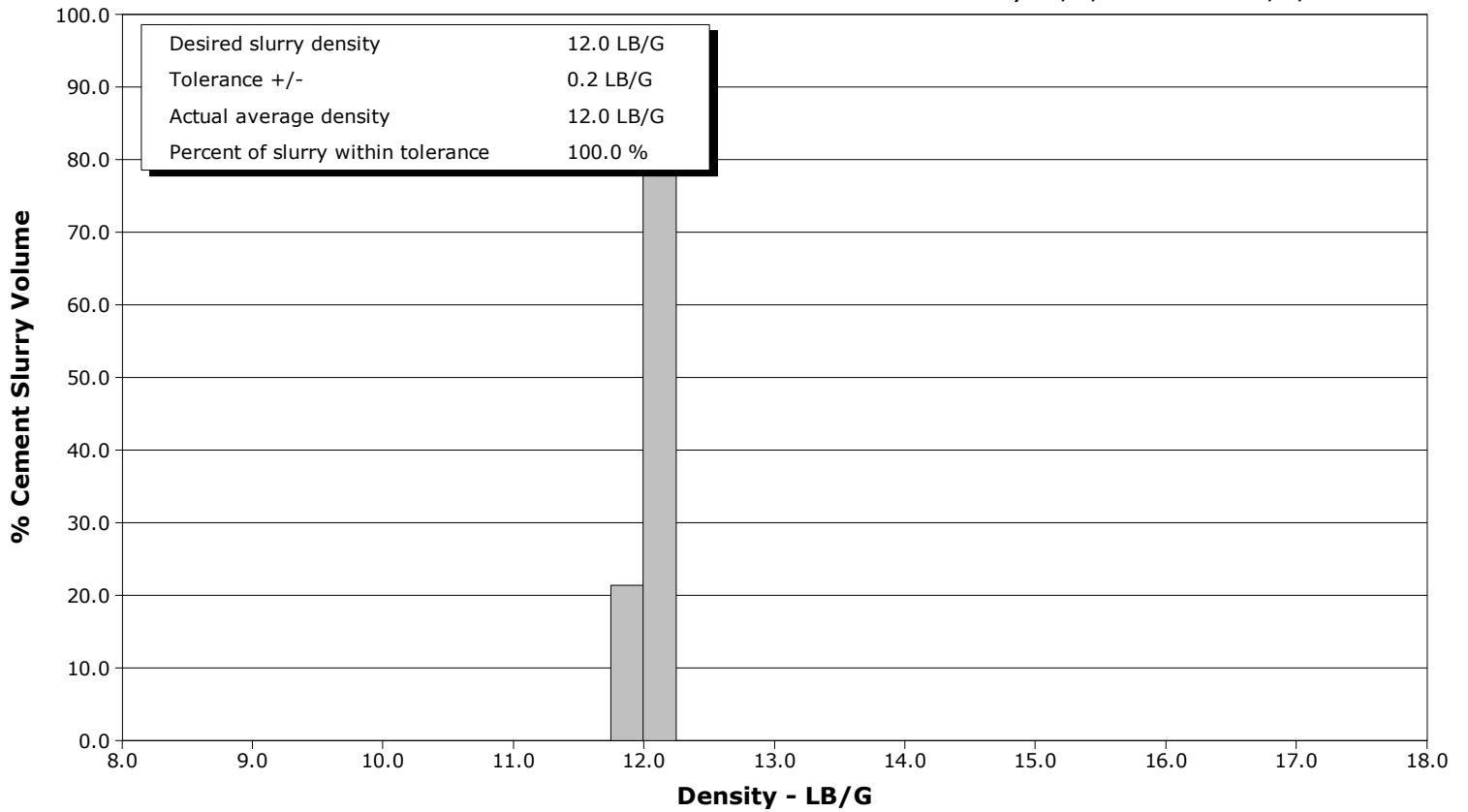
Well	Cannon 1N-9HZ	Client	Anadarkok
Field	Wattenberg	SIR No.	D8WD-00611
Engineer	Ryan Call	Job Type	5.5" Production
Country	United States	Job Date	09-27-2017



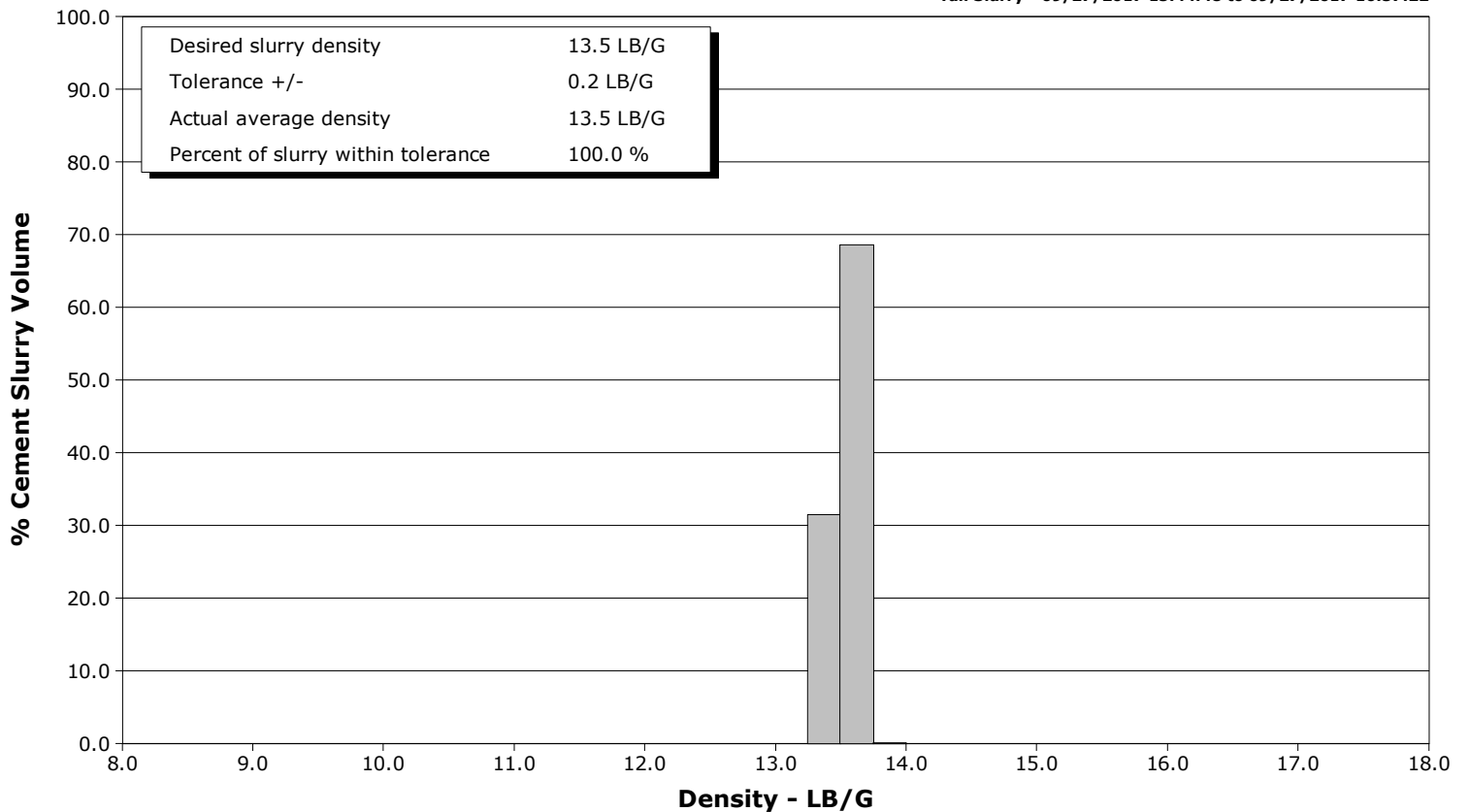
Well Cannon 1N-9HZ
Field Wattenberg
Engineer Ryan Call
Country United States

Client Anadarkok
SIR No. D8WD-00611
Job Type 5.5" Production
Job Date 09-27-2017

Lead Slurry - 09/27/2017 15:03:11 to 09/27/2017 15:36:01



Tail Slurry - 09/27/2017 15:44:48 to 09/27/2017 16:57:22



				Customer			Job Number		
				Anadarkok			D8WD-00611		
Well		Location (legal)		Schlumberger Location		Job Start			
Cannon 1N-9HZ		P564		CWY		Sep/27/2017			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenberg				deg	7.9 in	18225.0 ft	7022.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
		CO		psi	222 degF	222 degF	lb/gal		
Well Master		API/UWI							
0631719603									
Rig Name	Drilled For	Service Via	Casing/Liner						
P564	Oil & Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread	
			1894.0		9.6	36.0	J-55		
Offshore Zone	Well Class	Well Type	18225.0		5.5	20.0	P-110		
	New	Development							
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	5.5" Production								
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole						
psi	psi	Cement Head	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
			ft	ft			ft		
			ft	ft			Diameter		
			ft	ft			in		
			Treat Down	Displacement	Packer Type	Packer Depth			
			Casing	404.0 bbl		ft			
			Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.			
			bbl	bbl	596.0 bbl	505.0 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input 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"/>		18225.0 ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth		
		1	1				ft		
Cement Head Type				Stage Tool Depth			Tail Pipe Size		
				ft			in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Sep/27/2017 07:30		Sep/27/2017 07:30		Sep/27/2017		Float		ft	
						Collar Depth		Sqz. Total Vol.	
						18216.0 ft		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/27/2017	14:10:22	4	0.1	8.39	0.0	Started Acquisition			
09/27/2017	14:10:24	4	0.1	8.39	0.0	Start Job			
09/27/2017	14:10:26	4	0.1	8.39	0.0	Held JSA			
09/27/2017	14:10:27	4	0.1	8.39	0.0	Water Sample Taken			
09/27/2017	14:10:28	5	0.1	8.39	0.0	Flush Lines			
09/27/2017	14:10:30	4	0.1	8.39	0.0	Pressure Test Lines			
09/27/2017	14:12:22	4	0.1	8.39	0.1				
09/27/2017	14:14:22	299	1.4	8.37	1.2				
09/27/2017	14:16:22	435	2.3	8.36	5.6				
09/27/2017	14:18:22	972	0.0	8.35	6.6				
09/27/2017	14:20:22	2966	0.0	8.36	6.6				
09/27/2017	14:22:22	4894	0.0	8.37	6.6				
09/27/2017	14:24:22	4801	0.0	8.37	6.6				
09/27/2017	14:26:22	8	0.0	8.37	6.6				
09/27/2017	14:28:22	25	0.0	8.37	6.6				
09/27/2017	14:30:22	48	0.0	8.37	6.7				
09/27/2017	14:32:22	71	0.0	8.37	6.7				
09/27/2017	14:34:22	89	0.0	8.37	6.7				
09/27/2017	14:36:22	765	4.5	11.00	10.4				
09/27/2017	14:36:29	824	4.5	11.00	11.0	Start Pumping Spacer			
09/27/2017	14:38:22	755	4.5	10.92	19.5				

Well		Field		Job Start		Customer		Job Number	
Cannon 1N-9HZ		Wattenberg		Sep/27/2017		Anadarkok		D8WD-00611	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/27/2017	14:42:22	906	4.2	10.83	38.1				
09/27/2017	14:44:22	861	5.4	10.98	48.4				
09/27/2017	14:46:22	988	6.4	10.95	58.1				
09/27/2017	14:48:22	513	3.3	10.93	67.6				
09/27/2017	14:50:22	497	3.3	11.00	74.1				
09/27/2017	14:52:22	479	3.3	10.96	80.7				
09/27/2017	14:53:04	467	3.3	10.84	83.0	End Spacer			
09/27/2017	14:53:10	452	3.3	10.83	83.3	Reset Total, Vol = 80 bbl			
09/27/2017	14:54:22	17	0.0	10.96	85.0				
09/27/2017	14:56:22	13	0.0	10.96	85.0				
09/27/2017	14:58:22	13	0.0	10.96	85.0				
09/27/2017	15:00:22	13	0.0	10.83	85.0				
09/27/2017	15:02:22	14	0.0	10.82	85.0				
09/27/2017	15:02:57	264	4.5	11.81	86.5	Drop Bottom Plug			
09/27/2017	15:03:09	562	4.4	11.86	87.4	Start Cement Slurry			
09/27/2017	15:03:11	671	4.4	11.88	87.6	Start Mixing Lead Slurry			
09/27/2017	15:04:22	891	4.4	11.98	92.8				
09/27/2017	15:06:22	818	4.4	12.05	103.7				
09/27/2017	15:08:22	725	4.4	12.08	112.6				
09/27/2017	15:09:33	1226	6.3	12.07	119.7	Wet and Dry Sample Taken			
09/27/2017	15:10:22	1154	6.3	12.06	124.8				
09/27/2017	15:12:22	1121	6.3	12.05	137.5				
09/27/2017	15:14:22	1023	6.4	12.07	150.2				
09/27/2017	15:16:22	988	6.4	12.07	162.9				
09/27/2017	15:18:22	913	6.3	11.94	175.6				
09/27/2017	15:20:22	433	4.4	11.86	188.1				
09/27/2017	15:22:22	298	4.4	11.99	197.0				
09/27/2017	15:24:22	308	4.5	12.08	205.9				
09/27/2017	15:26:22	306	4.4	12.06	214.8				
09/27/2017	15:28:22	610	6.2	12.05	223.7				
09/27/2017	15:30:22	810	6.3	12.04	236.5				
09/27/2017	15:32:22	744	6.4	12.08	249.2				
09/27/2017	15:34:22	247	4.5	12.03	261.1				
09/27/2017	15:36:01	8	3.0	12.04	268.4	End Lead Slurry			
09/27/2017	15:36:03	15	0.7	12.02	268.5	Reset Total, Vol = 183 bbl			
09/27/2017	15:36:22	9	0.0	12.00	268.5				
09/27/2017	15:38:22	10	0.0	12.01	268.5				
09/27/2017	15:40:22	10	0.0	12.02	268.5				
09/27/2017	15:42:22	9	0.0	12.02	268.5				
09/27/2017	15:44:22	9	0.0	12.03	268.5				
09/27/2017	15:44:48	291	4.5	13.42	269.2	Start Mixing Tail Slurry			
09/27/2017	15:46:22	466	6.4	13.49	277.5				
09/27/2017	15:48:22	659	8.3	13.50	291.2				
09/27/2017	15:50:22	1288	8.3	13.47	307.4				
09/27/2017	15:52:22	679	6.4	13.44	323.3				
09/27/2017	15:54:22	268	4.5	13.52	335.8				
09/27/2017	15:56:22	262	4.5	13.53	344.9				
09/27/2017	15:58:22	114	2.1	13.56	351.7				
09/27/2017	16:00:22	258	4.5	13.60	356.3				
09/27/2017	16:02:22	644	8.3	13.56	370.1				
09/27/2017	16:04:22	1125	8.3	13.50	386.8				
09/27/2017	16:06:22	423	6.5	13.51	400.6				
09/27/2017	16:08:22	439	6.5	13.53	413.6				
09/27/2017	16:10:22	436	6.4	13.59	426.4				

Well Cannon 1N-9HZ			Field Wattenberg		Job Start Sep/27/2017	Customer Anadarkok		Job Number D8WD-00611
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
09/27/2017	16:14:22	244	4.6	13.46	450.0			
09/27/2017	16:14:43	126	4.5	13.47	451.6	Wet and Dry Samples Taken		
09/27/2017	16:14:44	222	4.4	13.47	451.7	1340 sks Y = 1.66 cuft/sk MW = 7.91 gal/sk		
09/27/2017	16:16:22	256	4.6	13.50	459.0			
09/27/2017	16:18:22	245	4.6	13.50	468.1			
09/27/2017	16:20:22	256	4.6	13.53	477.2			
09/27/2017	16:22:22	254	4.6	13.54	486.2			
09/27/2017	16:24:22	251	4.5	13.55	495.3			
09/27/2017	16:26:22	262	4.6	13.54	504.4			
09/27/2017	16:28:22	253	4.6	13.52	513.5			
09/27/2017	16:30:22	264	4.6	13.53	522.6			
09/27/2017	16:32:22	288	4.5	13.52	531.7			
09/27/2017	16:34:22	323	4.5	13.53	540.8			
09/27/2017	16:36:22	327	4.5	13.52	549.9			
09/27/2017	16:38:22	859	6.4	13.51	559.5			
09/27/2017	16:40:22	846	6.4	13.53	572.4			
09/27/2017	16:42:22	871	6.4	13.51	585.2			
09/27/2017	16:44:22	839	6.4	13.52	598.1			
09/27/2017	16:46:22	883	6.4	13.49	610.9			
09/27/2017	16:48:22	313	4.5	13.47	620.3			
09/27/2017	16:50:22	346	4.5	13.50	629.4			
09/27/2017	16:52:22	374	4.5	13.48	638.5			
09/27/2017	16:54:22	356	4.5	13.47	647.5			
09/27/2017	16:56:22	376	4.5	13.42	656.6			
09/27/2017	16:57:22	39	4.4	13.85	661.1	End Tail Slurry		
09/27/2017	16:57:23	24	3.6	14.25	661.2	End Cement Slurry		
09/27/2017	16:57:25	22	1.7	14.31	661.2	Reset Total, Vol = 393 bbl		
09/27/2017	16:57:27	19	0.3	14.15	661.3	Washup		
09/27/2017	16:58:22	15	0.0	13.76	661.3			
09/27/2017	17:00:22	15	0.0	13.72	661.3			
09/27/2017	17:02:22	15	0.0	13.82	661.3			
09/27/2017	17:04:22	15	0.0	13.77	661.3			
09/27/2017	17:06:22	14	0.0	13.50	661.3			
09/27/2017	17:08:22	75	2.4	9.75	663.7			
09/27/2017	17:10:22	25	1.8	9.53	668.5			
09/27/2017	17:12:22	45	2.3	8.22	669.4			
09/27/2017	17:14:22	65	2.5	8.44	674.0			
09/27/2017	17:16:22	50	2.1	8.37	678.6			
09/27/2017	17:18:22	-0	0.0	8.38	681.5			
09/27/2017	17:20:22	2	0.0	8.38	681.6			
09/27/2017	17:20:30	2	0.0	8.38	681.6	Drop Top Plug		
09/27/2017	17:21:32	31	2.5	8.41	682.0	Start Displacement		
09/27/2017	17:22:22	29	2.6	8.44	684.1			
09/27/2017	17:24:22	272	8.4	8.42	690.3			
09/27/2017	17:26:22	262	8.4	8.39	707.1			
09/27/2017	17:28:22	1814	8.3	8.38	723.6			
09/27/2017	17:30:22	1913	8.3	8.38	740.1			
09/27/2017	17:32:22	2101	8.3	8.38	756.7			
09/27/2017	17:34:22	2267	8.2	8.38	773.1			
09/27/2017	17:36:22	2444	8.2	8.39	789.6			
09/27/2017	17:38:22	2655	8.2	8.38	806.0			
09/27/2017	17:40:22	2384	6.4	8.38	821.8			
09/27/2017	17:42:22	2537	6.4	8.38	834.6			
09/27/2017	17:44:22	2669	6.4	8.38	847.3			

Well		Field		Job Start		Customer		Job Number	
Cannon 1N-9HZ		Wattenberg		Sep/27/2017		Anadarkok		D8WD-00611	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/27/2017	17:46:34	2696	6.4	8.38	861.4	Good Returns			
09/27/2017	17:48:22	2738	6.4	8.38	872.8				
09/27/2017	17:50:22	2848	6.4	8.38	885.6				
09/27/2017	17:52:22	2831	6.4	8.38	898.3				
09/27/2017	17:54:22	2641	5.2	8.39	909.3				
09/27/2017	17:56:22	2680	5.2	8.38	919.7				
09/27/2017	17:58:22	2712	5.2	8.38	930.0				
09/27/2017	18:00:22	2753	5.2	8.38	940.4				
09/27/2017	18:02:22	2760	5.2	8.38	950.7				
09/27/2017	18:04:22	2822	5.2	8.38	961.1				
09/27/2017	18:06:22	2833	5.2	8.38	971.4				
09/27/2017	18:08:22	2875	5.2	8.38	981.8				
09/27/2017	18:10:22	2877	5.2	8.38	992.1				
09/27/2017	18:12:22	2692	4.2	8.38	1001.3				
09/27/2017	18:14:22	2711	4.2	8.38	1009.6				
09/27/2017	18:16:22	2752	4.1	8.38	1017.9				
09/27/2017	18:18:22	2773	4.2	8.38	1026.2				
09/27/2017	18:20:22	2807	4.1	8.38	1034.5				
09/27/2017	18:22:22	2826	4.1	8.38	1042.8				
09/27/2017	18:24:22	2859	4.1	8.38	1051.0				
09/27/2017	18:26:22	2878	4.1	8.38	1059.3				
09/27/2017	18:28:22	2704	2.3	8.38	1067.3				
09/27/2017	18:30:22	2574	2.3	8.38	1072.0				
09/27/2017	18:32:22	2515	2.3	8.38	1076.6				
09/27/2017	18:34:22	2532	2.3	8.38	1081.2				
09/27/2017	18:36:22	2574	2.3	8.38	1085.8				
09/27/2017	18:38:22	2640	2.3	8.38	1090.4				
09/27/2017	18:39:40	2867	2.0	8.38	1093.4	Bump Top Plug			
09/27/2017	18:39:41	2878	1.2	8.38	1093.5	End Displacement			
09/27/2017	18:39:42	2888	0.5	8.38	1093.5	Reset Total, Vol = 404 bbl			
09/27/2017	18:40:22	2990	0.0	8.38	1093.5				
09/27/2017	18:40:45	2987	0.0	8.38	1093.5	CSG Test			
09/27/2017	18:42:22	2977	0.0	8.38	1093.5				
09/27/2017	18:44:22	3008	0.0	8.38	1093.5				
09/27/2017	18:46:22	3046	0.0	8.38	1093.5				
09/27/2017	18:48:22	3090	0.0	8.38	1093.6				
09/27/2017	18:50:22	3130	0.0	8.38	1093.6				
09/27/2017	18:52:22	3169	0.0	8.38	1093.6				
09/27/2017	18:54:22	3208	0.0	8.38	1093.6				
09/27/2017	18:55:44	3038	0.0	8.38	1093.6	Remark			
09/27/2017	18:55:47	2985	0.0	8.38	1093.6	Check Floats, Floats Hold			
09/27/2017	18:56:22	1294	0.0	8.38	1093.6				
09/27/2017	18:58:22	2	0.0	8.38	1093.6				
09/27/2017	18:58:53	65	0.6	8.38	1093.6	Wet Shoe 4663 psi			
09/27/2017	19:00:22	2273	2.3	8.38	1096.5				
09/27/2017	19:02:22	2943	2.3	8.38	1101.0				
09/27/2017	19:04:22	2054	0.0	8.38	1102.7				

Well Cannon 1N-9HZ	Field Wattenberg	Job Start Sep/27/2017	Customer Anadarkok	Job Number D8WD-00611
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.5	N2	Mud	Maximum Rate 8.4	Total Slurry 575.0	Mud 0.0	Spacer 80.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4938	Final -1	Average 1202	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 404.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		To ft	
				Washed Thru Perfs <input type="checkbox"/>				
Customer or Authorized Representative			Schlumberger Supervisor Ryan Call		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		