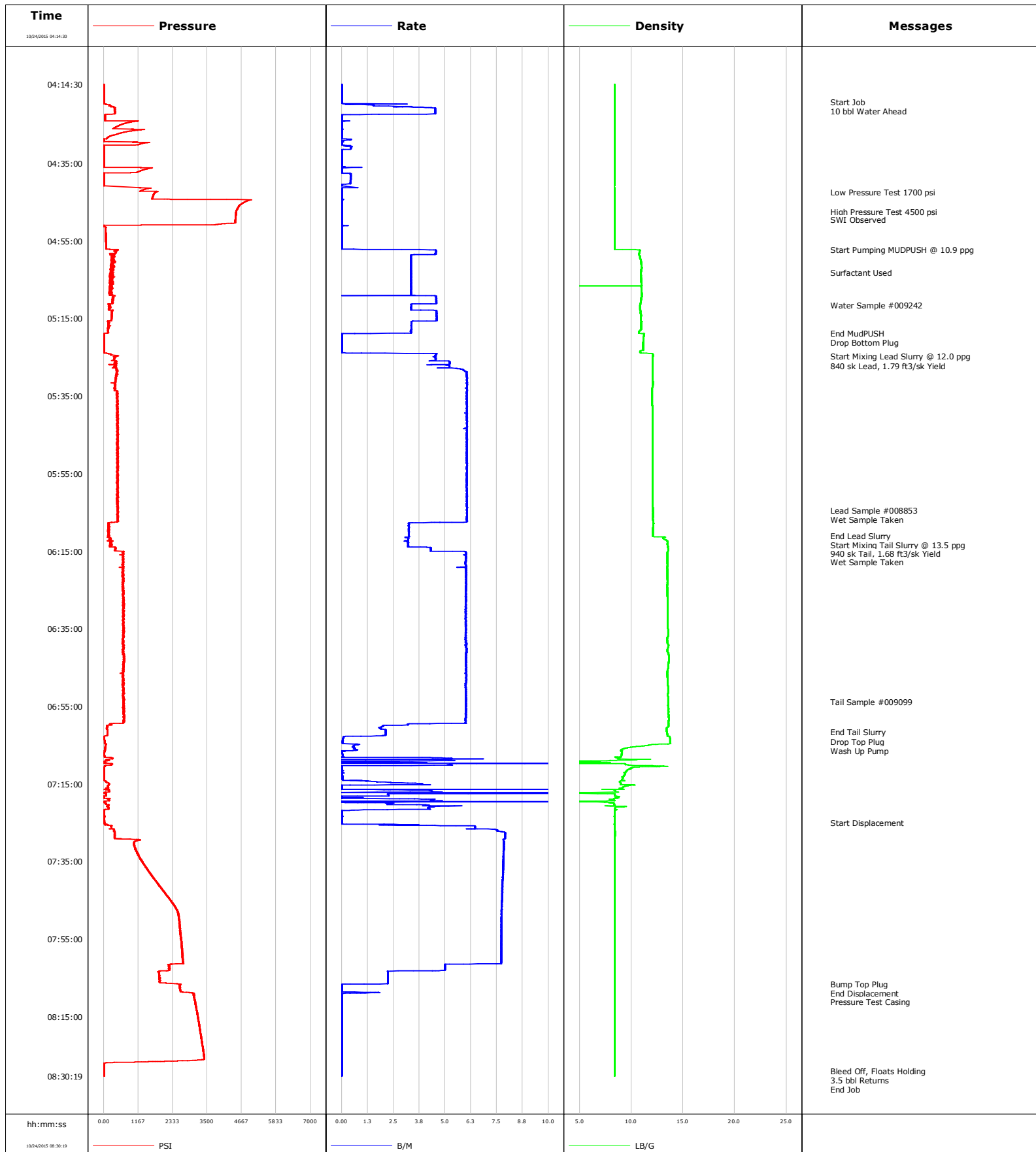
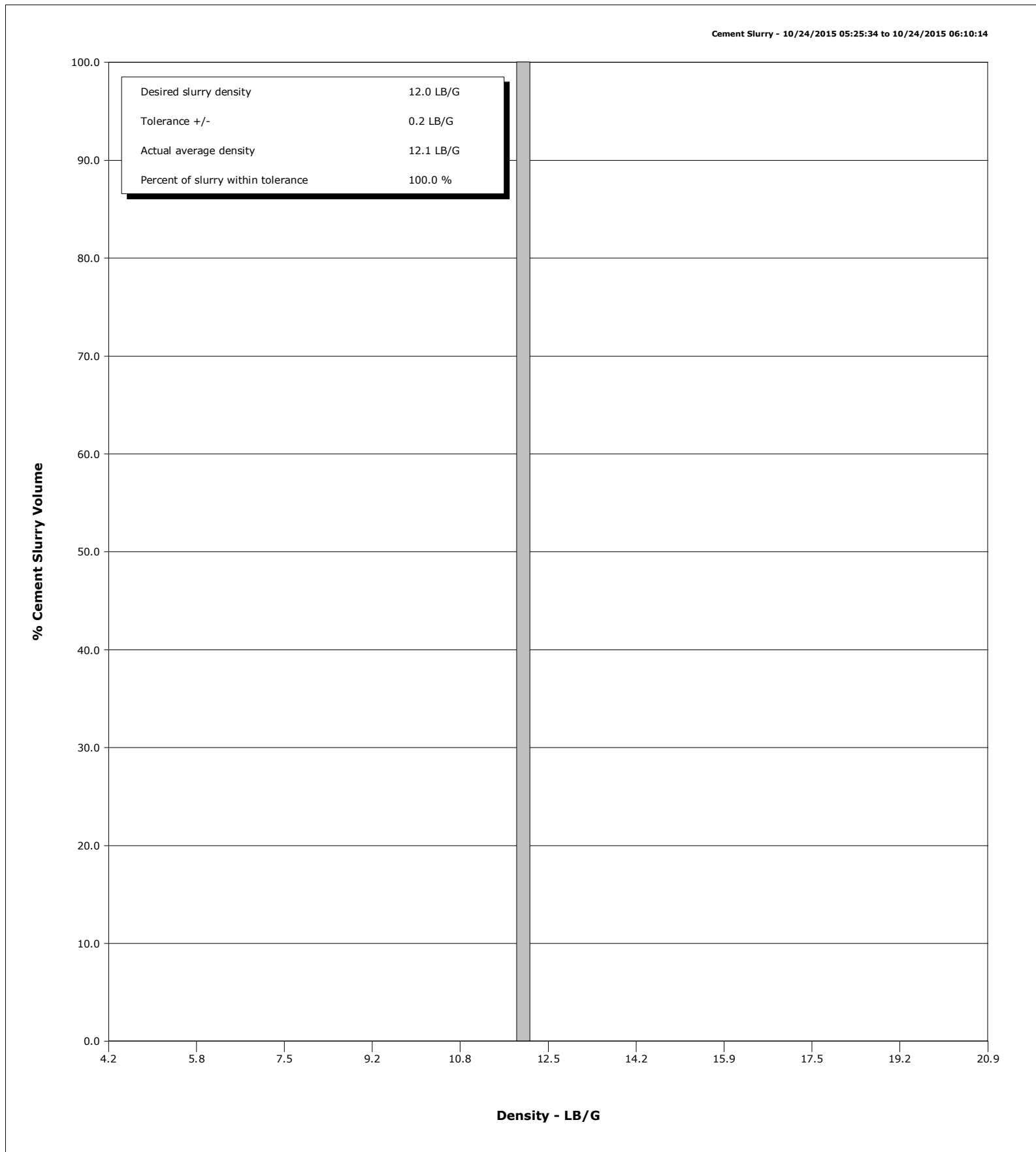


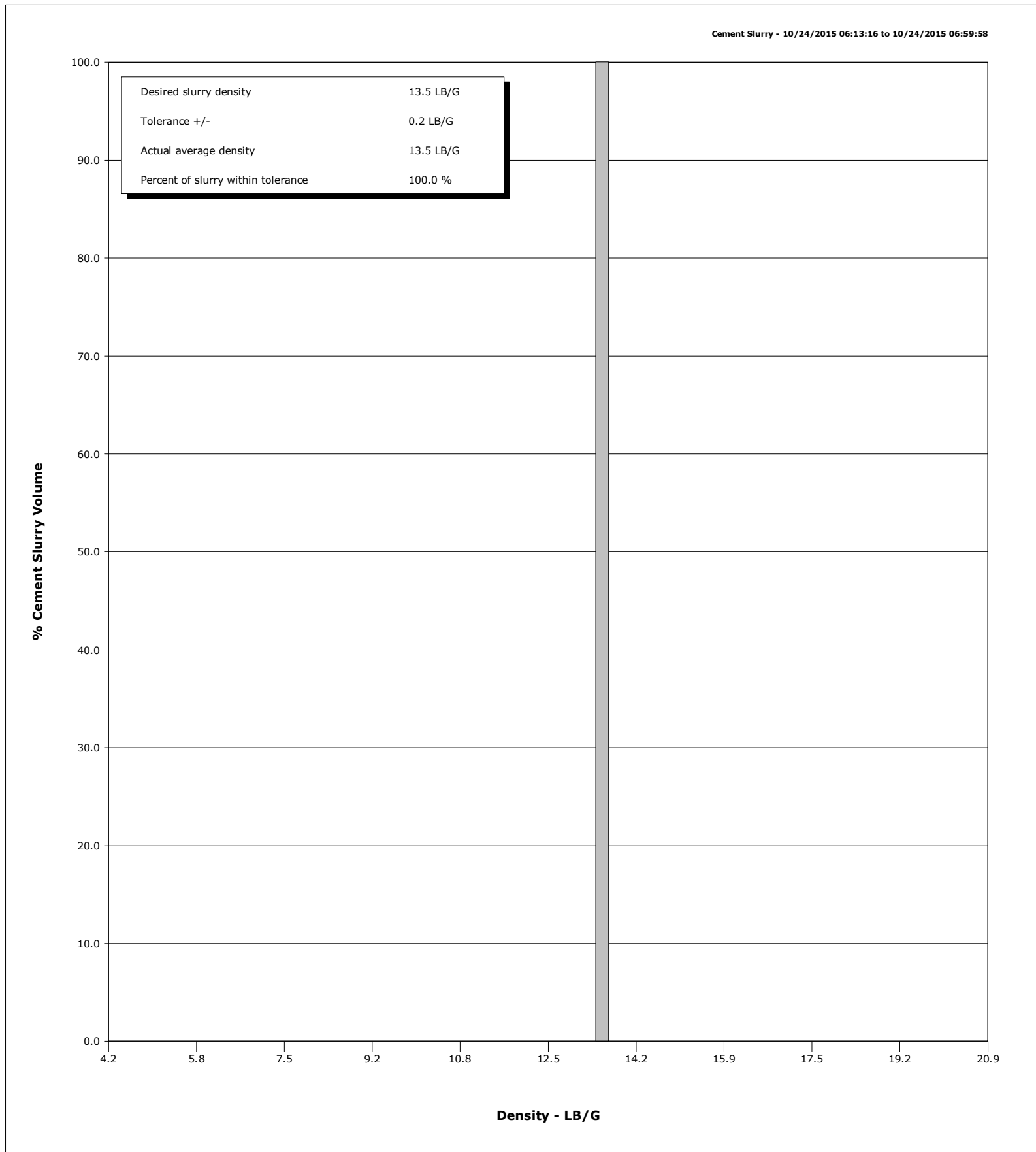
Well	Sunflower 40N-17HZ	Client	Anadarko
Field	Wattenberg	SIR No.	D2IK-01404
Engineer	Tylan Higley	Job Type	Monobore Production
Country	United States	Job Date	10-24-2015



Well	Sunflower 40N-17HZ	Client	Anadarko
Field	Wattenberg	SIR No.	D2IK-01404
Engineer	Tylan Higley	Job Type	Monobore Production
Country	United States	Job Date	10-24-2015



Well	Sunflower 40N-17HZ	Client	Anadarko
Field	Wattenberg	SIR No.	D2IK-01404
Engineer	Tylan Higley	Job Type	Monobore Production
Country	United States	Job Date	10-24-2015



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Well			Field		Job Start		Customer		Job Number	
Sunflower 40N-17HZ			Wattenberg		Oct/24/2015		Anadarko		D2IK-01404	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/24/2015	04:46:10	4560	0.0	8.38	12.2					
10/24/2015	04:47:17	4487	0.0	8.38	12.2	High Pressure Test 4500 psi				
10/24/2015	04:47:50	4480	0.0	8.38	12.2					
10/24/2015	04:49:25	4460	0.0	8.38	12.2	SWI Observed				
10/24/2015	04:49:30	4458	0.0	8.38	12.2					
10/24/2015	04:51:10	7	0.0	8.38	12.2					
10/24/2015	04:52:50	67	0.0	8.38	12.2					
10/24/2015	04:54:30	77	0.0	8.38	12.2					
10/24/2015	04:56:10	82	0.0	8.38	12.3					
10/24/2015	04:57:15	462	4.6	10.82	12.9	Start Pumping MUDPUSH @ 10.9 ppg				
10/24/2015	04:57:50	387	4.6	10.80	15.6					
10/24/2015	04:59:30	329	3.3	10.87	21.9					
10/24/2015	05:01:10	241	3.3	10.99	27.5					
10/24/2015	05:02:50	266	3.4	10.94	33.1					
10/24/2015	05:03:01	274	3.4	10.93	33.7	Surfactant Used				
10/24/2015	05:04:30	221	3.4	10.94	38.6					
10/24/2015	05:06:10	290	3.4	11.00	44.2					
10/24/2015	05:07:50	196	3.4	11.00	49.8					
10/24/2015	05:09:30	299	4.6	10.98	56.0					
10/24/2015	05:11:10	159	3.4	10.88	63.6					
10/24/2015	05:11:32	172	3.4	10.85	64.8	Water Sample #009242				
10/24/2015	05:12:50	298	4.6	10.87	69.3					
10/24/2015	05:14:30	269	4.6	10.93	77.0					
10/24/2015	05:16:10	154	3.4	10.96	83.7					
10/24/2015	05:17:50	160	3.4	10.91	89.3					
10/24/2015	05:18:42	86	3.1	10.74	92.2	End MudPUSH				
10/24/2015	05:18:47	24	0.1	11.26	92.4	Drop Bottom Plug				
10/24/2015	05:19:30	15	0.0	11.20	92.4					
10/24/2015	05:21:10	15	0.0	11.16	92.4					
10/24/2015	05:22:50	15	0.0	11.13	92.4					
10/24/2015	05:24:30	495	4.5	12.09	95.3					
10/24/2015	05:24:35	469	4.6	12.09	95.6	Start Mixing Lead Slurry @ 12.0 ppg				
10/24/2015	05:26:10	378	5.2	12.04	103.0					
10/24/2015	05:27:09	412	5.2	12.04	108.1	840 sk Lead, 1.79 ft3/sk Yield				
10/24/2015	05:27:50	449	5.6	12.05	111.6					
10/24/2015	05:29:30	427	6.1	12.04	121.6					
10/24/2015	05:31:10	405	6.1	12.08	131.7					
10/24/2015	05:32:50	352	6.0	12.03	141.8					
10/24/2015	05:34:30	457	6.1	12.02	151.9					
10/24/2015	05:36:10	438	6.1	12.02	162.0					
10/24/2015	05:37:50	478	6.1	12.04	172.0					
10/24/2015	05:39:30	462	6.1	12.05	182.1					
10/24/2015	05:41:10	443	6.1	12.05	192.2					
10/24/2015	05:42:50	453	6.1	12.06	202.3					
10/24/2015	05:44:30	452	6.1	12.06	212.4					
10/24/2015	05:46:10	476	6.1	12.07	222.5					
10/24/2015	05:47:50	470	6.1	12.06	232.6					
10/24/2015	05:49:30	449	6.1	12.05	242.6					
10/24/2015	05:51:10	483	6.1	12.05	252.7					
10/24/2015	05:52:50	461	6.1	12.05	262.8					
10/24/2015	05:54:30	480	6.1	12.05	272.9					
10/24/2015	05:56:10	482	6.1	12.06	283.0					
10/24/2015	05:57:50	463	6.1	12.05	292.9					
10/24/2015	05:59:30	482	6.1	12.05	302.9					

Well			Field		Job Start		Customer		Job Number	
Sunflower 40N-17HZ			Wattenberg		Oct/24/2015		Anadarko		D2IK-01404	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL	Message		
10/24/2015	06:02:50	481		6.1	12.05		323.1			
10/24/2015	06:04:24	484		6.1	12.10		332.6	Lead Sample #008853		
10/24/2015	06:04:30	465		6.1	12.10		333.2			
10/24/2015	06:04:31	465		6.1	12.10		333.3	Wet Sample Taken		
10/24/2015	06:06:10	452		6.1	12.10		343.3			
10/24/2015	06:07:50	147		3.3	12.15		352.5			
10/24/2015	06:09:30	138		3.2	12.11		357.9			
10/24/2015	06:11:00	179		3.2	12.10		362.8	End Lead Slurry		
10/24/2015	06:11:10	161		3.3	12.24		363.3			
10/24/2015	06:12:26	274		3.2	13.51		367.3	Start Mixing Tail Slurry @ 13.5 ppg		
10/24/2015	06:12:50	265		3.2	13.51		368.6			
10/24/2015	06:14:30	374		4.3	13.57		374.7			
10/24/2015	06:15:31	679		6.0	13.50		380.1	940 sk Tail, 1.68 ft3/sk Yield		
10/24/2015	06:16:10	652		6.0	13.50		384.0			
10/24/2015	06:17:49	657		6.0	13.48		393.9	Wet Sample Taken		
10/24/2015	06:17:50	675		6.0	13.48		394.0			
10/24/2015	06:19:30	687		6.0	13.47		404.0			
10/24/2015	06:21:10	667		6.0	13.48		414.0			
10/24/2015	06:22:50	663		6.0	13.51		424.0			
10/24/2015	06:24:30	646		6.0	13.47		434.0			
10/24/2015	06:26:10	638		6.0	13.50		444.1			
10/24/2015	06:27:50	666		6.0	13.52		454.1			
10/24/2015	06:29:30	676		6.0	13.54		464.1			
10/24/2015	06:31:10	655		6.0	13.53		474.1			
10/24/2015	06:32:50	661		6.0	13.52		484.1			
10/24/2015	06:34:30	657		6.0	13.53		494.1			
10/24/2015	06:36:10	661		6.0	13.56		504.2			
10/24/2015	06:37:50	644		6.0	13.46		514.2			
10/24/2015	06:39:30	658		6.0	13.56		524.2			
10/24/2015	06:41:10	659		6.0	13.60		534.2			
10/24/2015	06:42:50	686		6.0	13.65		544.3			
10/24/2015	06:44:30	678		6.0	13.57		554.3			
10/24/2015	06:46:10	673		6.0	13.49		564.3			
10/24/2015	06:47:50	680		6.0	13.52		574.4			
10/24/2015	06:49:30	676		6.0	13.54		584.4			
10/24/2015	06:51:10	664		6.0	13.56		594.4			
10/24/2015	06:52:50	691		6.0	13.57		604.4			
10/24/2015	06:53:48	682		6.0	13.58		610.3	Tail Sample #009099		
10/24/2015	06:54:30	672		6.0	13.56		614.5			
10/24/2015	06:56:10	675		6.0	13.58		624.5			
10/24/2015	06:57:50	698		6.0	13.63		634.5			
10/24/2015	06:59:30	219		3.2	13.59		644.1			
10/24/2015	07:01:10	122		2.1	13.42		647.8			
10/24/2015	07:01:37	123		2.1	13.44		648.7	End Tail Slurry		
10/24/2015	07:02:50	23		0.1	13.73		650.9			
10/24/2015	07:03:00	24		0.1	13.73		650.9	Drop Top Plug		
10/24/2015	07:04:30	27		0.1	13.76		651.0			
10/24/2015	07:05:00	66		0.6	11.63		651.3	Wash Up Pump		
10/24/2015	07:06:10	44		0.8	9.02		652.0			
10/24/2015	07:07:50	29		0.1	9.02		652.2			
10/24/2015	07:09:30	51		2.1	3.87		657.1			
10/24/2015	07:11:10	21		0.0	9.77		660.7			
10/24/2015	07:12:50	21		0.0	9.28		660.7			
10/24/2015	07:14:30	107		2.3	8.89		661.5			

Well			Field		Job Start	Customer		Job Number
Sunflower 40N-17HZ			Wattenberg		Oct/24/2015	Anadarko		D2IK-01404
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/24/2015	07:17:50	79	2.3	8.38	672.8			
10/24/2015	07:19:30	13	21.5	2.33	676.8			
10/24/2015	07:21:10	163	4.2	8.43	684.0			
10/24/2015	07:22:50	21	0.0	8.38	685.8			
10/24/2015	07:24:30	25	0.0	8.38	685.8			
10/24/2015	07:25:01	26	0.0	8.38	685.9	Start Displacement		
10/24/2015	07:26:10	255	6.5	8.40	690.1			
10/24/2015	07:27:50	369	7.9	8.43	702.4			
10/24/2015	07:29:30	1154	7.8	8.39	715.5			
10/24/2015	07:31:10	1048	7.8	8.39	728.6			
10/24/2015	07:32:50	1154	7.8	8.38	741.7			
10/24/2015	07:34:30	1265	7.8	8.38	754.7			
10/24/2015	07:36:10	1407	7.8	8.38	767.7			
10/24/2015	07:37:50	1554	7.8	8.38	780.8			
10/24/2015	07:39:30	1725	7.8	8.38	793.8			
10/24/2015	07:41:10	1882	7.8	8.38	806.7			
10/24/2015	07:42:50	2046	7.8	8.38	819.7			
10/24/2015	07:44:30	2221	7.8	8.38	832.6			
10/24/2015	07:46:10	2385	7.7	8.38	845.5			
10/24/2015	07:47:50	2507	7.7	8.38	858.4			
10/24/2015	07:49:30	2551	7.7	8.38	871.3			
10/24/2015	07:51:10	2570	7.7	8.38	884.2			
10/24/2015	07:52:50	2597	7.7	8.38	897.1			
10/24/2015	07:54:30	2611	7.7	8.38	910.0			
10/24/2015	07:56:10	2644	7.7	8.38	922.9			
10/24/2015	07:57:50	2657	7.7	8.38	935.7			
10/24/2015	07:59:30	2671	7.7	8.38	948.4			
10/24/2015	08:01:10	2691	7.7	8.38	961.2			
10/24/2015	08:02:50	2199	5.0	8.38	970.1			
10/24/2015	08:04:30	1906	2.2	8.38	974.8			
10/24/2015	08:06:10	1909	2.2	8.38	978.5			
10/24/2015	08:06:35	2577	0.4	8.38	979.4	Bump Top Plug		
10/24/2015	08:06:36	2577	0.2	8.38	979.4	End Displacement		
10/24/2015	08:07:50	2605	0.0	8.38	979.4			
10/24/2015	08:09:30	3075	0.0	8.38	979.8			
10/24/2015	08:11:10	3093	0.0	8.39	979.8			
10/24/2015	08:11:11	3090	0.0	8.39	979.8	Pressure Test Casing		
10/24/2015	08:12:50	3135	0.0	8.39	979.8			
10/24/2015	08:14:30	3177	0.0	8.39	979.8			
10/24/2015	08:16:10	3214	0.0	8.39	979.8			
10/24/2015	08:17:50	3249	0.0	8.39	979.9			
10/24/2015	08:19:30	3284	0.0	8.39	979.9			
10/24/2015	08:21:10	3320	0.0	8.39	979.9			
10/24/2015	08:22:50	3353	0.0	8.39	979.9			
10/24/2015	08:24:30	3386	0.0	8.39	979.9			
10/24/2015	08:26:10	3184	0.0	8.39	979.9			
10/24/2015	08:27:50	18	0.0	8.39	980.0			
10/24/2015	08:28:55	19	0.0	8.39	980.0	Bleed Off, Floats Holding		
10/24/2015	08:29:02	19	0.0	8.39	980.0	3.5 bbl Returns		
10/24/2015	08:29:30	19	0.0	8.39	980.0			

Well Sunflower 40N-17HZ	Field Wattenberg	Job Start Oct/24/2015	Customer Anadarko	Job Number D2IK-01404
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.2	N2	Mud	Maximum Rate 25.0	Total Slurry 549.0	Mud 0.0	Spacer 80.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5000	Final 19	Average 948	Bump Plug to 2600	Breakdown	Type FreshWater	Volume 10.0 bbl	Density 8.34 lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 549.0 bbl		Displacement 288.0 bbl	Mix Water Temp 49 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 24.0 bbl	
					Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative Mark Huff			Schlumberger Supervisor Tylan Higley			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-		-	