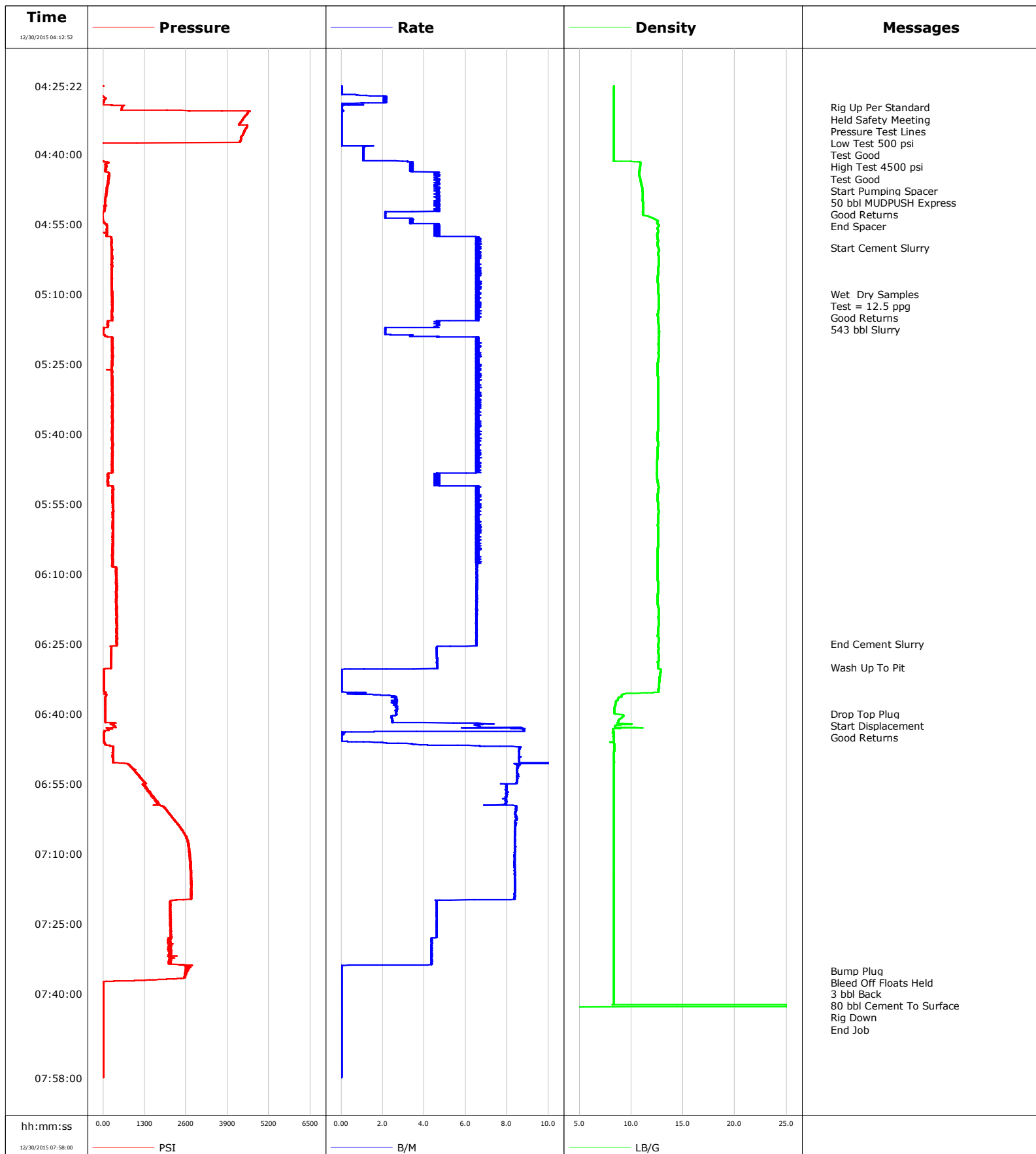


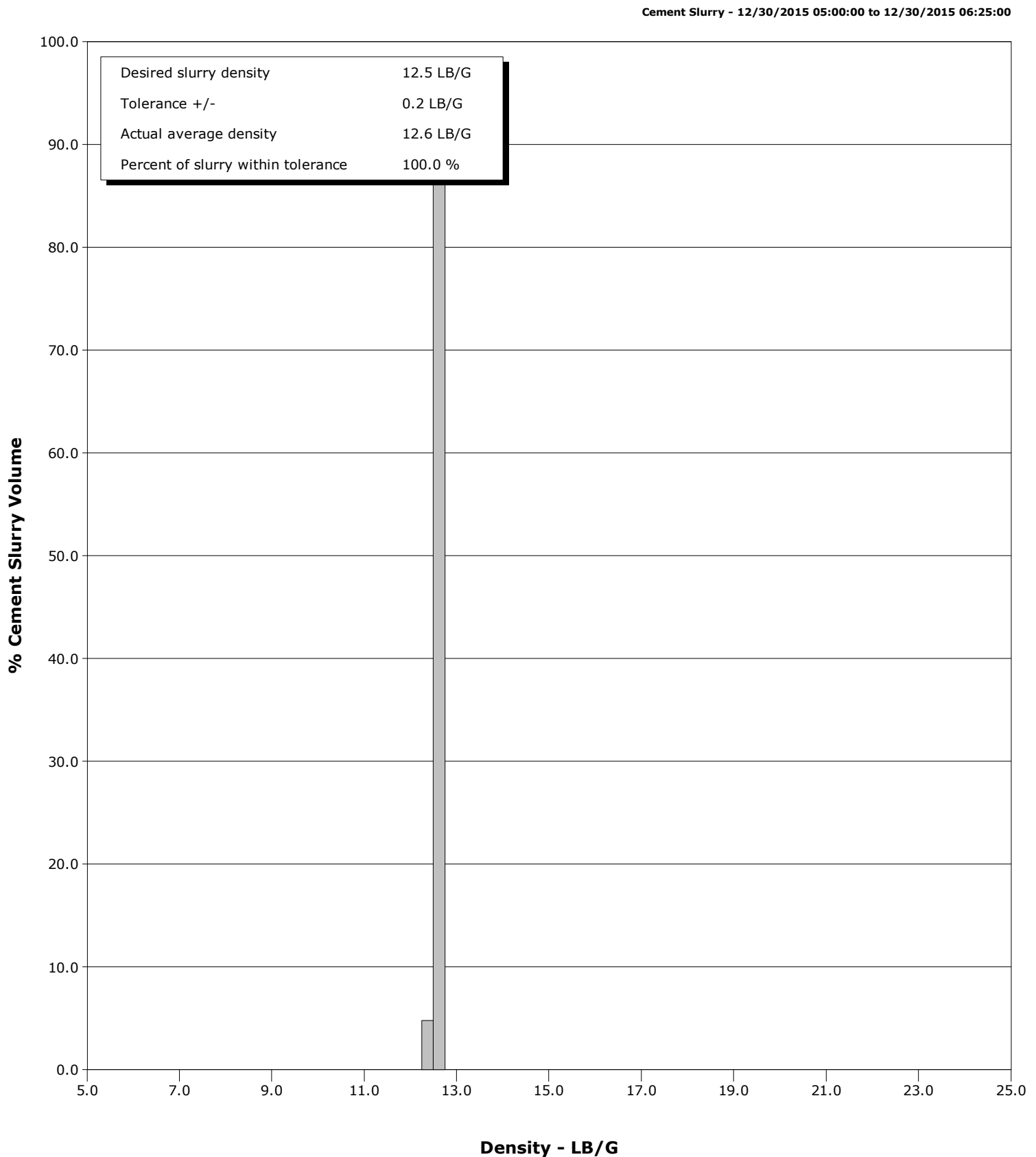
**Well** Fairview 9  
**Field** Wattenberge  
**Engineer** Jordan Moreland / Stacy Terry  
**Country**

**Client** Extraction  
**SIR No.** CWJN-01587  
**Job Type** 5 1/2 Monobore  
**Job Date**



**Well** Fairview 9  
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**Job Date**



# Cementing Service Report

				Customer Extraction			Job Number CWJN-01587				
Well Fairview 9			Location (legal)			Schlumberger Location CWY			Job Start Dec/30/2015		
Field Wattenberge		Formation Name/Type			Deviation deg		Bit Size 7.9 in		Well MD ft		
County Weld		State/Province Colorado			BHP psi		BHST 210 degF		BHCT 210 degF		
Well Master 0631637457		API/UWI 0512341520000							Pore Press. Gradient lb/gal		
Rig Name Savanna 802		Drilled For Oil		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		14528.0		5.5		20.0	
						0.0		0.0		0.0	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type 5 1/2 Monobore									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 322.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 322.0 bbl		Annular Vol. 474.0 bbl	
										Openhole Vol. 953.0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job		
Lift Pressure psi						Shoe Type Float			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 14528.0 ft			Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For Dec/30/2015		Arrived on Location Dec/30/2015		Leave Location Dec/30/2015		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 14526.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
12/30/2015	04:12:52	-87	0.0	-0.00	0.0						
12/30/2015	04:14:52	-86	0.0	-0.00	0.1						
12/30/2015	04:16:52	-74	1.9	8.42	0.3						
12/30/2015	04:18:52	179	5.8	8.34	7.9						
12/30/2015	04:20:52	-75	0.1	8.52	10.2						
12/30/2015	04:22:52	-79	0.0	8.55	10.3						
12/30/2015	04:24:52	11	0.0	8.33	10.3						
12/30/2015	04:26:52	-79	0.0	8.33	0.0						
12/30/2015	04:28:52	28	2.2	8.32	3.1						
12/30/2015	04:30:00	593	0.0	8.33	3.6	Rig Up Per Standard					
12/30/2015	04:30:52	4569	0.0	8.33	3.7						
12/30/2015	04:32:52	4347	0.0	8.33	3.7						
12/30/2015	04:34:52	4437	0.0	8.33	3.7						
12/30/2015	04:36:52	4320	0.0	8.33	3.7						
12/30/2015	04:38:52	-57	1.1	8.33	4.3						
12/30/2015	04:40:00	-66	1.1	8.33	5.5	Start Pumping Spacer					
12/30/2015	04:40:52	-67	1.1	8.33	6.4						
12/30/2015	04:41:00	-68	1.1	8.33	6.6	50 bbl MUDPUSH Express					
12/30/2015	04:42:00	114	3.4	10.87	8.8	Good Returns					
12/30/2015	04:42:52	74	3.3	10.82	11.8						
12/30/2015	04:44:52	190	4.6	10.79	19.8						

Well			Field	Job Start		Customer		Job Number	
Fairview 9			Wattenberge		Dec/30/2015		Extraction		CWJN-01587
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/30/2015	04:48:52	81	4.7	11.09	38.3				
12/30/2015	04:50:52	66	4.5	11.14	47.6				
12/30/2015	04:52:52	-26	2.1	11.13	55.7				
12/30/2015	04:54:27	-1	3.3	12.55	59.8	End Spacer			
12/30/2015	04:54:52	47	3.4	12.51	61.3				
12/30/2015	04:56:52	19	4.7	12.55	70.4				
12/30/2015	04:58:52	257	6.7	12.56	81.9				
12/30/2015	05:00:00	271	6.5	12.59	89.4	Start Cement Slurry			
12/30/2015	05:00:52	278	6.6	12.69	95.1				
12/30/2015	05:02:52	276	6.6	12.62	108.3				
12/30/2015	05:04:52	274	6.6	12.58	121.4				
12/30/2015	05:06:52	270	6.6	12.55	134.6				
12/30/2015	05:08:52	272	6.5	12.58	147.8				
12/30/2015	05:10:00	264	6.6	12.61	155.3	Wet Dry Samples			
12/30/2015	05:10:52	288	6.5	12.64	161.0				
12/30/2015	05:11:00	294	6.5	12.63	161.8	Test = 12.5 ppg			
12/30/2015	05:12:00	284	6.6	12.65	168.4	Good Returns			
12/30/2015	05:12:52	290	6.6	12.64	174.1				
12/30/2015	05:13:00	291	6.5	12.64	175.0	543 bbl Slurry			
12/30/2015	05:14:52	275	6.5	12.56	187.3				
12/30/2015	05:16:52	155	4.6	12.63	198.3				
12/30/2015	05:18:52	57	3.4	12.68	203.5				
12/30/2015	05:20:52	286	6.5	12.61	215.6				
12/30/2015	05:22:52	301	6.5	12.62	228.8				
12/30/2015	05:24:52	283	6.6	12.55	242.0				
12/30/2015	05:26:52	273	6.6	12.53	255.1				
12/30/2015	05:28:52	281	6.5	12.59	268.3				
12/30/2015	05:30:52	274	6.6	12.59	281.5				
12/30/2015	05:32:52	296	6.5	12.59	294.7				
12/30/2015	05:34:52	289	6.6	12.56	307.8				
12/30/2015	05:36:52	299	6.6	12.59	321.0				
12/30/2015	05:38:52	294	6.5	12.58	334.2				
12/30/2015	05:40:52	287	6.6	12.51	347.3				
12/30/2015	05:42:52	293	6.6	12.53	360.5				
12/30/2015	05:44:52	293	6.5	12.55	373.6				
12/30/2015	05:46:52	282	6.5	12.49	386.8				
12/30/2015	05:48:52	163	4.5	12.46	399.1				
12/30/2015	05:50:52	156	4.6	12.60	408.3				
12/30/2015	05:52:52	304	6.5	12.55	420.9				
12/30/2015	05:54:52	311	6.6	12.57	434.1				
12/30/2015	05:56:52	313	6.6	12.61	447.3				
12/30/2015	05:58:52	314	6.6	12.59	460.4				
12/30/2015	06:00:52	307	6.5	12.57	473.6				
12/30/2015	06:02:52	304	6.6	12.59	486.8				
12/30/2015	06:04:52	299	6.7	12.53	499.9				
12/30/2015	06:06:52	296	6.5	12.53	513.1				
12/30/2015	06:08:52	401	6.5	12.53	526.2				
12/30/2015	06:10:52	412	6.5	12.55	539.3				
12/30/2015	06:12:52	435	6.5	12.58	552.4				
12/30/2015	06:14:52	413	6.5	12.55	565.4				
12/30/2015	06:16:52	426	6.5	12.57	578.5				
12/30/2015	06:18:52	426	6.5	12.62	591.5				
12/30/2015	06:20:52	427	6.5	12.61	604.6				
12/30/2015	06:22:52	421	6.5	12.57	617.6				

Well			Field	Job Start		Customer	Job Number	
Fairview 9			Wattenberge		Dec/30/2015		Extraction	CWJN-01587
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/30/2015	06:25:00	434	6.5	12.60	631.5	End Cement Slurry		
12/30/2015	06:26:52	249	4.6	12.59	641.1			
12/30/2015	06:28:52	241	4.6	12.54	650.3			
12/30/2015	06:30:00	244	4.6	12.57	655.5	Wash Up To Pit		
12/30/2015	06:30:52	17	0.0	12.82	657.3			
12/30/2015	06:32:52	21	0.0	12.71	657.3			
12/30/2015	06:34:52	23	0.0	12.57	657.3			
12/30/2015	06:36:52	70	2.6	8.69	660.3			
12/30/2015	06:38:52	69	2.7	8.38	665.5			
12/30/2015	06:40:00	73	2.6	8.37	668.5	Drop Top Plug		
12/30/2015	06:40:52	76	2.4	9.08	670.7			
12/30/2015	06:41:00	70	2.4	9.00	671.0	Start Displacement		
12/30/2015	06:42:00	405	6.6	8.67	673.8	Good Returns		
12/30/2015	06:42:52	358	6.7	8.43	679.6			
12/30/2015	06:44:52	20	0.0	8.31	687.4			
12/30/2015	06:46:52	222	6.7	8.38	690.3			
12/30/2015	06:48:52	303	8.6	8.33	707.2			
12/30/2015	06:50:52	809	8.6	8.34	725.3			
12/30/2015	06:52:52	1066	8.5	8.34	742.3			
12/30/2015	06:54:52	1336	8.4	8.34	759.2			
12/30/2015	06:56:52	1485	8.0	8.33	775.2			
12/30/2015	06:58:52	1655	8.0	8.33	791.1			
12/30/2015	07:00:52	2002	8.4	8.33	807.5			
12/30/2015	07:02:52	2252	8.4	8.33	824.4			
12/30/2015	07:04:52	2476	8.4	8.33	841.1			
12/30/2015	07:06:52	2635	8.4	8.33	857.9			
12/30/2015	07:08:52	2678	8.4	8.33	874.6			
12/30/2015	07:10:52	2714	8.4	8.33	891.3			
12/30/2015	07:12:52	2751	8.4	8.33	908.1			
12/30/2015	07:14:52	2751	8.4	8.33	924.8			
12/30/2015	07:16:52	2770	8.4	8.33	941.5			
12/30/2015	07:18:52	2739	8.4	8.33	958.3			
12/30/2015	07:20:52	2105	4.6	8.33	971.2			
12/30/2015	07:22:52	2102	4.6	8.33	980.4			
12/30/2015	07:24:52	2123	4.6	8.33	989.6			
12/30/2015	07:26:52	2101	4.6	8.33	998.8			
12/30/2015	07:28:52	2082	4.4	8.34	1007.8			
12/30/2015	07:30:52	2047	4.3	8.34	1016.5			
12/30/2015	07:32:52	2075	4.4	8.34	1025.2			
12/30/2015	07:34:52	2603	0.0	8.34	1029.5			
12/30/2015	07:35:00	2578	0.0	8.34	1029.5	Bump Plug		
12/30/2015	07:36:00	2555	0.0	8.34	1029.5	Bleed Off Floats Held		
12/30/2015	07:36:52	2064	0.0	8.34	1029.5			
12/30/2015	07:38:52	12	0.0	8.35	1029.5			
12/30/2015	07:40:00	13	0.0	8.35	1029.5	3 bbl Back		
12/30/2015	07:40:52	12	0.0	8.35	1029.5			
12/30/2015	07:42:52	12	0.0	1.52	1029.5			
12/30/2015	07:44:52	12	0.0	-0.00	1029.5			
12/30/2015	07:46:52	12	0.0	-0.00	1029.5			
12/30/2015	07:48:52	9	0.0	-0.00	1029.5			
12/30/2015	07:50:52	9	0.0	-0.00	1029.5			
12/30/2015	07:52:52	9	0.0	-0.00	1029.5			
12/30/2015	07:54:52	11	0.0	-0.00	1029.5			

<b>Well</b> Fairview 9	<b>Field</b> Wattenberge	<b>Job Start</b> Dec/30/2015	<b>Customer</b> Extraction	<b>Job Number</b> CWJN-01587
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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
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final 0	Average	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement bbl	Mix Water Temp 74 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative			Schlumberger Supervisor Jordan Moreland / Stacy Terry			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-		-