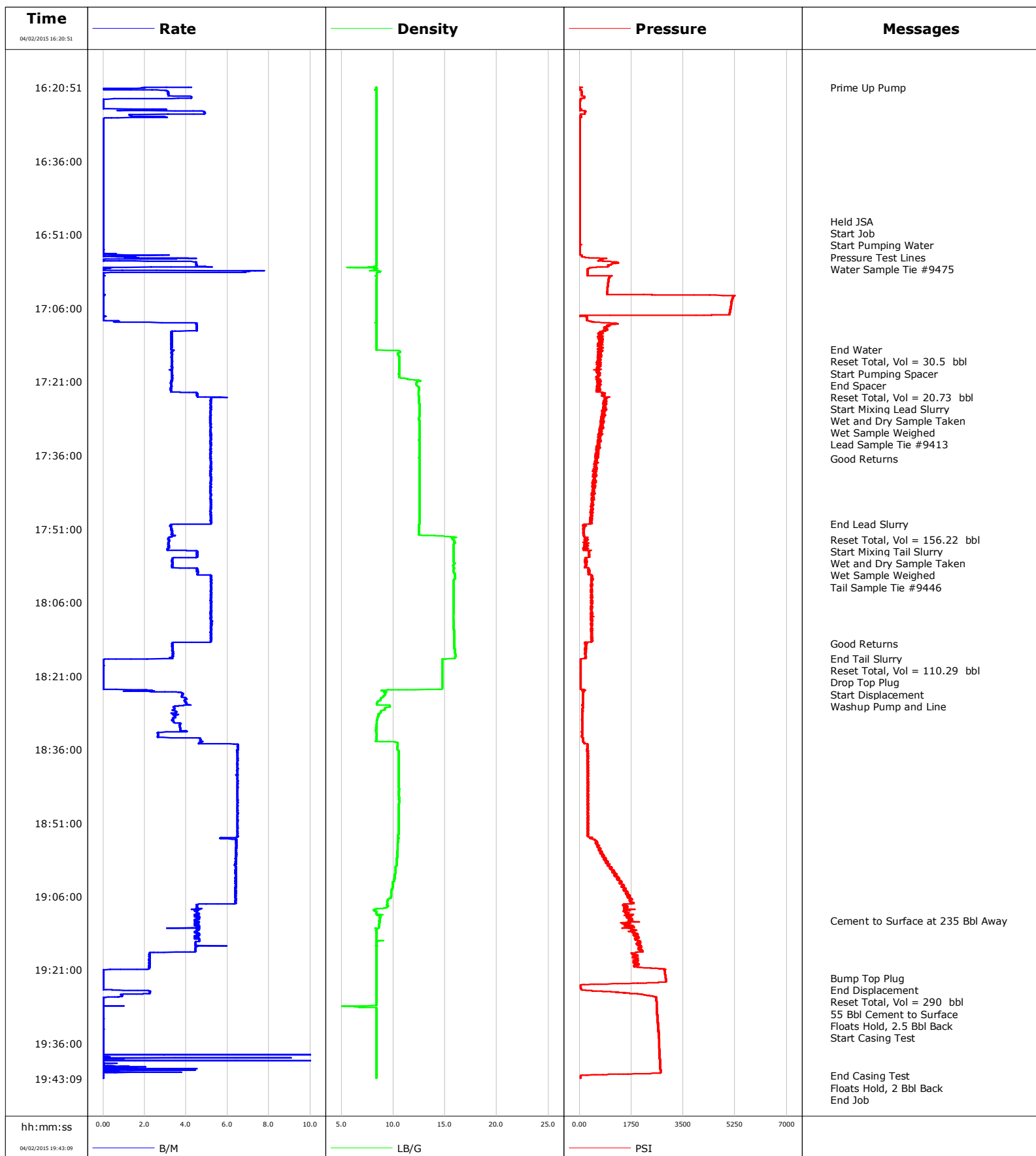


Well Martinez 1-5-6
Field Wattenberg
Engineer Ryan Drilling/Ken Sovereign
Country United States

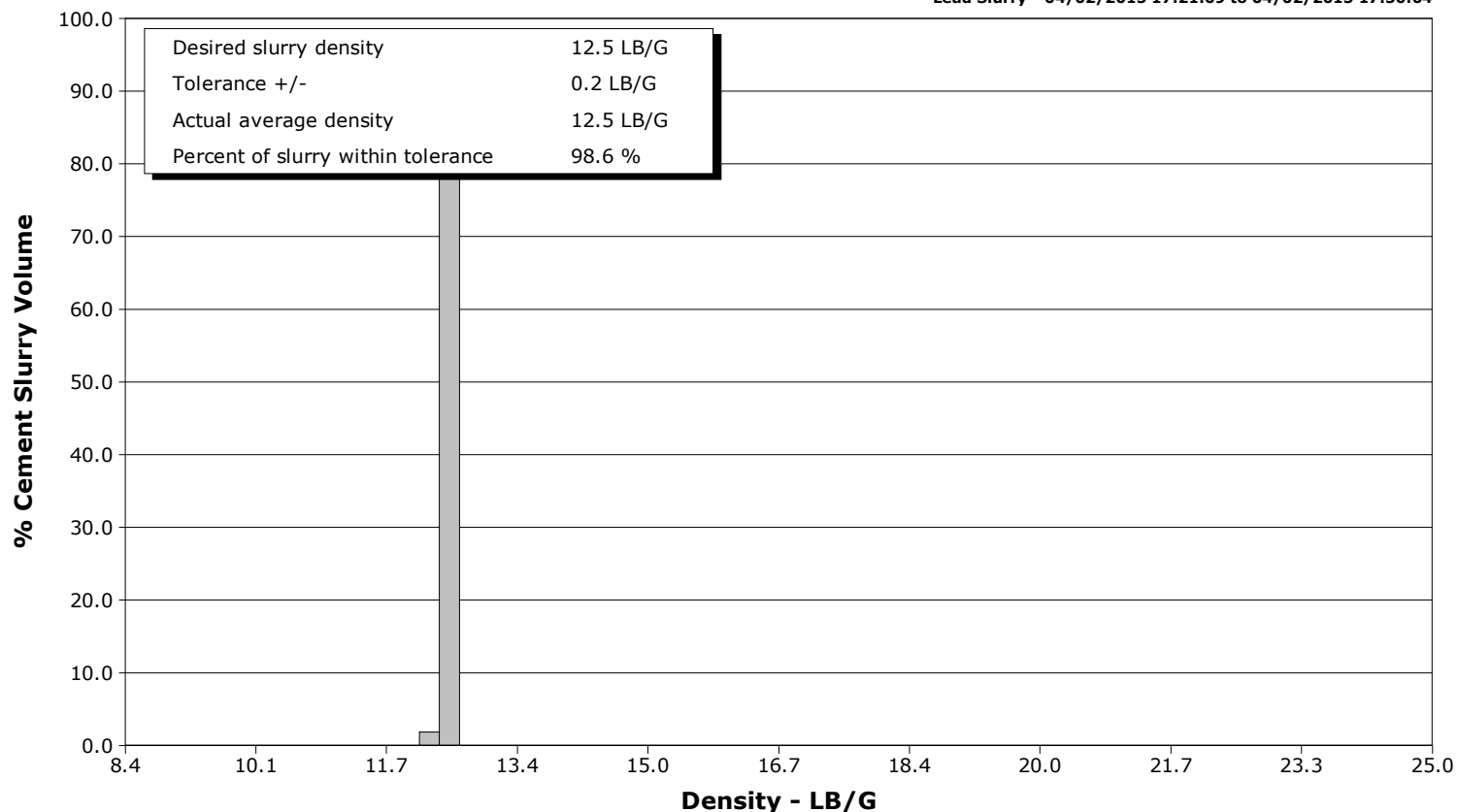
Client Extraction
SIR No. CWJN-00982
Job Type 7" Intermediate
Job Date 04-02-2015



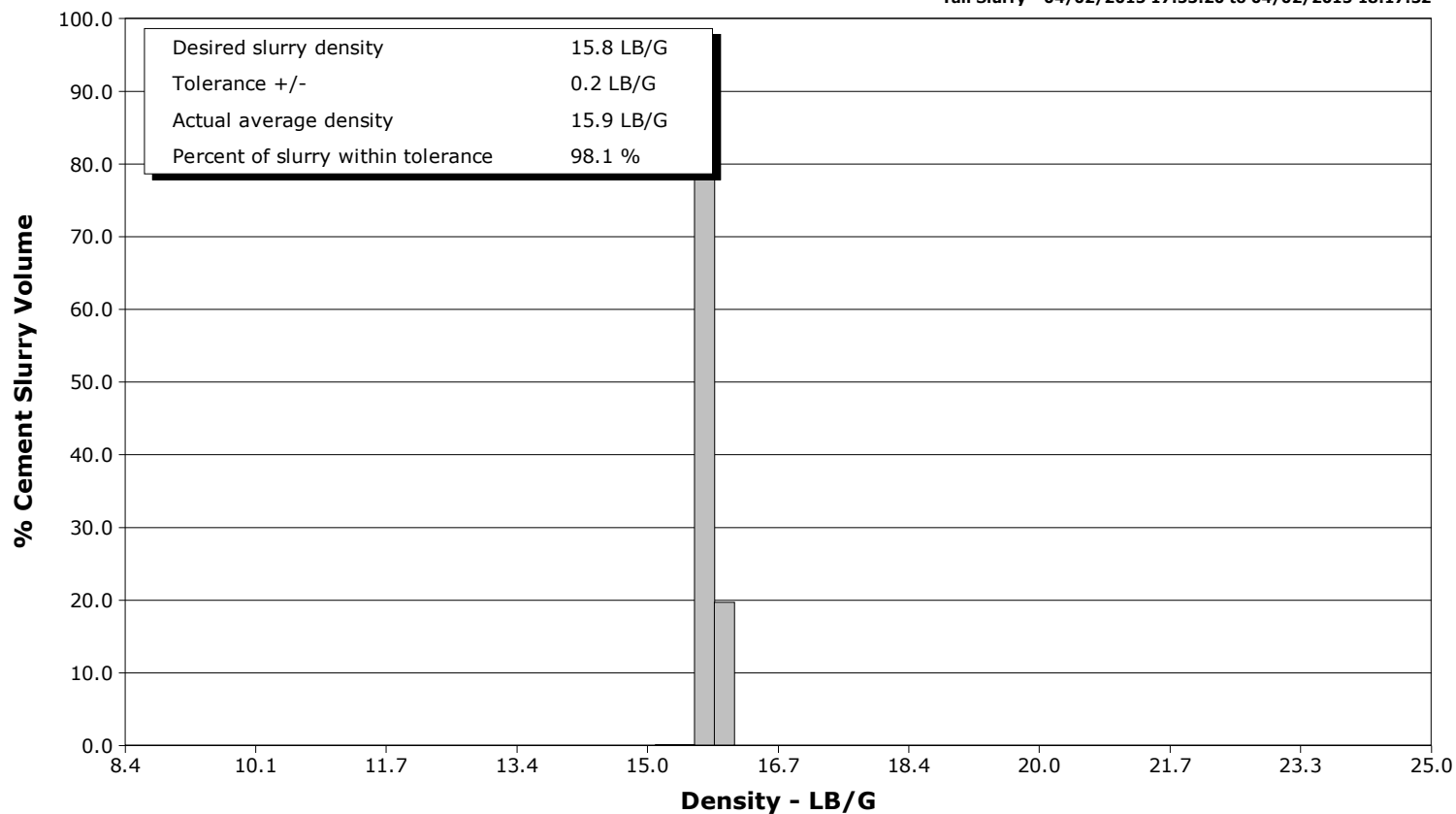
Well Martinez 1-5-6
Field Wattenberg
Engineer Ryan Drilling/Ken Sovereign
Country United States

Client Extraction
SIR No. CWJN-00982
Job Type 7" Intermediate
Job Date 04-02-2015

Lead Slurry - 04/02/2015 17:21:09 to 04/02/2015 17:50:04



Tail Slurry - 04/02/2015 17:53:20 to 04/02/2015 18:17:32



Cementing Service Report

					Customer Extraction			Job Number CWJN-00982	
Well Martinez 1-5-6 1-5-6			Location (legal) Cheyenne			Schlumberger Location Cheyenne		Job Start Apr/02/2015	
Field Wattenberg		Formation Name/Type Shale		Deviation 90 deg		Bit Size 8.8 in		Well MD 7641.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 211 degF		BHCT 176 degF	
Well Master 0631619612		API/UWI						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	
Offshore Zone		Well Class New		Well Type Development		1050.0		9.6	
						7639.7		7.0	
						36.0		K55	
						26.0		K55	
Drilling Fluid Type Bentonite		Max. Density 9.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe			
						T/D		Depth, ft	
						Size, in		Weight, lb/ft	
						Grade		Thread	
Service Line Cementing		Job Type 7" Intermediate							
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	
						ft		ft	
						ft		ft	
						ft		ft	
						Treat Down Casing		Displacement 290.9 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 290.9 bbl	
						Annular Vol. 21.0 bbl		Openhole Vol. 186.0 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 Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 7639.7 ft		Tool Type	
No. Centralizers 48		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Apr/02/2015 12:00		Arrived on Location Apr/02/2015 12:00		Leave Location Apr/02/2015 21:00		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 7601.9 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message		
04/02/2015	16:20:51	100	4.3	8.37	23.4	0	Started Acquisition		
04/02/2015	16:20:52	101	4.3	8.37	23.5	0	Prime Up Pump		
04/02/2015	16:21:51	71	3.1	8.38	25.6	0			
04/02/2015	16:22:51	163	4.2	8.37	28.9	0			
04/02/2015	16:23:51	14	0.0	8.37	30.5	0			
04/02/2015	16:24:51	6	0.0	8.37	30.5	0			
04/02/2015	16:25:51	198	4.9	8.40	32.1	1			
04/02/2015	16:26:51	65	2.4	8.39	35.4	0			
04/02/2015	16:27:51	9	0.0	8.38	0.0	0			
04/02/2015	16:28:51	7	0.0	8.38	0.0	0			
04/02/2015	16:29:51	6	0.0	8.39	0.0	0			
04/02/2015	16:30:51	7	0.0	8.38	0.0	0			
04/02/2015	16:31:51	6	0.0	8.38	0.0	0			
04/02/2015	16:32:51	6	0.0	8.38	0.0	0			
04/02/2015	16:33:51	6	0.0	8.38	0.0	0			
04/02/2015	16:34:51	6	0.0	8.38	0.0	0			
04/02/2015	16:35:51	6	0.0	8.38	0.0	0			
04/02/2015	16:36:51	6	0.0	8.39	0.0	0			
04/02/2015	16:37:51	6	0.0	8.39	0.1	0			
04/02/2015	16:38:51	6	0.0	8.39	0.1	0			
04/02/2015	16:39:51	6	0.0	8.39	0.1	0			

Well			Field		Job Start		Customer		Job Number	
Martinez 1-5-6 1-5-6			Wattenberg		Apr/02/2015		Extraction		CWJN-00982	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
04/02/2015	16:41:51	6	0.0	8.39	0.1	0				
04/02/2015	16:42:51	6	0.0	8.38	0.1	0				
04/02/2015	16:43:51	6	0.0	8.39	0.1	0				
04/02/2015	16:44:51	7	0.0	8.39	0.1	0				
04/02/2015	16:45:51	7	0.0	8.39	0.1	0				
04/02/2015	16:46:51	7	0.0	8.39	0.1	0				
04/02/2015	16:47:51	8	0.0	8.39	0.1	0				
04/02/2015	16:48:14	7	0.0	8.39	0.1	0	Held JSA			
04/02/2015	16:48:21	7	0.0	8.39	0.1	0	Start Job			
04/02/2015	16:48:26	7	0.0	8.39	0.1	0	Start Pumping Water			
04/02/2015	16:48:28	7	0.0	8.39	0.1	0	Pressure Test Lines			
04/02/2015	16:48:51	7	0.0	8.39	0.1	0				
04/02/2015	16:49:51	7	0.0	8.39	0.1	0				
04/02/2015	16:50:42	7	0.0	8.39	0.1	0	Water Sample Tie #9475			
04/02/2015	16:50:51	7	0.0	8.39	0.1	0				
04/02/2015	16:51:51	7	0.0	8.39	0.1	0				
04/02/2015	16:52:51	8	0.0	8.39	0.1	0				
04/02/2015	16:53:51	6	0.0	8.39	0.1	0				
04/02/2015	16:54:51	15	0.6	8.39	0.2	0				
04/02/2015	16:55:51	923	4.5	8.38	1.4	0				
04/02/2015	16:56:51	1185	4.5	8.38	3.5	0				
04/02/2015	16:57:51	313	0.3	8.43	6.9	0				
04/02/2015	16:58:51	281	0.0	8.43	9.4	0				
04/02/2015	16:59:51	994	0.0	8.40	9.4	0				
04/02/2015	17:00:51	968	0.0	8.39	9.4	0				
04/02/2015	17:01:51	949	0.0	8.39	9.4	0				
04/02/2015	17:02:51	934	0.0	8.39	9.4	0				
04/02/2015	17:03:51	5173	0.0	8.39	9.5	0				
04/02/2015	17:04:51	5133	0.0	8.39	9.5	0				
04/02/2015	17:05:51	5102	0.0	8.38	9.5	0				
04/02/2015	17:06:51	5075	0.0	8.38	9.5	0				
04/02/2015	17:07:51	254	0.0	8.38	9.5	0				
04/02/2015	17:08:51	505	0.7	8.40	9.7	0				
04/02/2015	17:09:51	852	4.5	8.37	13.9	0				
04/02/2015	17:10:51	798	3.3	8.37	18.2	0				
04/02/2015	17:11:51	697	3.3	8.37	21.5	0				
04/02/2015	17:12:51	787	3.3	8.37	24.8	0				
04/02/2015	17:13:51	675	3.3	8.37	28.1	0				
04/02/2015	17:14:25	640	3.3	8.36	29.9	0	End Water			
04/02/2015	17:14:41	792	3.4	10.64	30.8	18	Reset Total, Vol = 30.5 bbl			
04/02/2015	17:14:51	772	3.3	10.65	31.4	18				
04/02/2015	17:15:27	675	3.3	10.46	33.4	18	Start Pumping Spacer			
04/02/2015	17:15:51	669	3.3	10.58	34.7	19				
04/02/2015	17:16:51	589	3.3	10.57	38.0	20				
04/02/2015	17:17:51	706	3.3	10.57	41.3	11				
04/02/2015	17:18:51	640	3.3	10.57	44.6	10				
04/02/2015	17:19:51	667	3.3	10.57	47.9	10				
04/02/2015	17:20:51	659	3.3	12.64	51.3	27				
04/02/2015	17:20:55	655	3.3	12.41	51.5	31	End Spacer			
04/02/2015	17:20:56	626	3.3	12.35	51.5	31	Reset Total, Vol = 20.73 bbl			
04/02/2015	17:21:09	705	3.3	12.30	52.3	30	Start Mixing Lead Slurry			
04/02/2015	17:21:51	671	3.3	12.34	54.5	29				
04/02/2015	17:22:51	656	3.3	12.43	57.8	25				
04/02/2015	17:23:51	741	4.5	12.44	61.9	25				

Well			Field		Job Start		Customer		Job Number	
Martinez 1-5-6 1-5-6			Wattenberg		Apr/02/2015		Extraction		CWJN-00982	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
04/02/2015	17:25:44	847	5.2	12.52	71.6	27	Wet and Dry Sample Taken			
04/02/2015	17:25:45	817	5.2	12.52	71.7	27	Wet Sample Weighed			
04/02/2015	17:25:51	848	5.2	12.53	72.2	27				
04/02/2015	17:26:51	873	5.2	12.53	77.4	27				
04/02/2015	17:27:51	855	5.2	12.51	82.6	27				
04/02/2015	17:28:51	798	5.2	12.51	87.7	27				
04/02/2015	17:29:51	801	5.2	12.52	92.9	27				
04/02/2015	17:30:51	750	5.2	12.52	98.1	27				
04/02/2015	17:31:51	682	5.2	12.52	103.3	27				
04/02/2015	17:32:51	615	5.2	12.51	108.5	27				
04/02/2015	17:33:51	607	5.2	12.53	113.6	27				
04/02/2015	17:34:51	615	5.2	12.53	118.8	27				
04/02/2015	17:35:51	647	5.2	12.52	124.0	27				
04/02/2015	17:36:42	587	5.2	12.52	128.4	27	Good Returns			
04/02/2015	17:36:51	587	5.2	12.53	129.2	27				
04/02/2015	17:37:51	523	5.2	12.54	134.4	27				
04/02/2015	17:38:51	474	5.2	12.53	139.6	27				
04/02/2015	17:39:51	510	5.2	12.53	144.8	27				
04/02/2015	17:40:51	490	5.2	12.54	149.9	27				
04/02/2015	17:41:51	486	5.2	12.54	155.1	27				
04/02/2015	17:42:51	488	5.2	12.54	160.3	27				
04/02/2015	17:43:51	473	5.2	12.53	165.5	27				
04/02/2015	17:44:51	496	5.2	12.53	170.7	27				
04/02/2015	17:45:51	422	5.2	12.53	175.9	27				
04/02/2015	17:46:51	414	5.2	12.54	181.1	27				
04/02/2015	17:47:51	403	5.2	12.55	186.2	27				
04/02/2015	17:48:51	390	5.2	12.55	191.4	28				
04/02/2015	17:49:51	341	5.2	12.55	196.6	28				
04/02/2015	17:50:04	166	3.6	12.55	197.7	26	End Lead Slurry			
04/02/2015	17:50:51	158	3.3	12.50	200.3	16				
04/02/2015	17:51:51	145	3.3	12.50	203.6	16				
04/02/2015	17:52:51	184	3.2	15.86	206.9	33				
04/02/2015	17:53:07	175	3.2	15.72	207.8	33	Reset Total, Vol = 156.22 bbl			
04/02/2015	17:53:20	207	3.2	15.85	208.5	30	Start Mixing Tail Slurry			
04/02/2015	17:53:43	249	3.2	15.93	209.7	30	Wet and Dry Sample Taken			
04/02/2015	17:53:44	205	3.2	15.93	209.7	30	Wet Sample Weighed			
04/02/2015	17:53:51	203	3.1	15.96	210.1	33				
04/02/2015	17:54:10	246	3.1	15.83	211.1	37	Tail Sample Tie #9446			
04/02/2015	17:54:51	209	3.2	15.84	213.3	41				
04/02/2015	17:55:51	316	4.5	15.84	216.9	43				
04/02/2015	17:56:51	333	4.5	15.84	221.5	43				
04/02/2015	17:57:51	191	3.4	15.84	224.9	43				
04/02/2015	17:58:51	209	3.3	15.82	228.2	42				
04/02/2015	17:59:51	292	4.6	15.84	232.6	42				
04/02/2015	18:00:51	424	5.2	15.97	237.4	43				
04/02/2015	18:01:51	404	5.2	15.82	242.6	43				
04/02/2015	18:02:51	407	5.2	15.86	247.8	42				
04/02/2015	18:03:51	373	5.2	15.84	253.0	42				
04/02/2015	18:04:51	450	5.2	15.85	258.2	42				
04/02/2015	18:05:51	391	5.2	15.85	263.4	42				
04/02/2015	18:06:51	438	5.2	15.82	268.6	41				
04/02/2015	18:07:51	427	5.2	15.82	273.8	41				
04/02/2015	18:08:51	393	5.2	15.80	279.0	41				
04/02/2015	18:09:51	398	5.2	15.82	284.2	41				

Well			Field		Job Start		Customer		Job Number	
Martinez 1-5-6 1-5-6			Wattenberg		Apr/02/2015		Extraction		CWJN-00982	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
04/02/2015	18:11:51	383	5.2	15.87	294.6	41				
04/02/2015	18:12:51	402	5.2	15.88	299.8	41				
04/02/2015	18:13:51	403	5.2	15.90	305.0	41				
04/02/2015	18:14:22	219	3.3	15.90	307.4	41	Good Returns			
04/02/2015	18:14:51	237	3.4	15.90	309.0	33				
04/02/2015	18:15:51	183	3.3	15.93	312.3	34				
04/02/2015	18:16:51	190	3.3	16.03	315.7	57				
04/02/2015	18:17:32	116	3.0	15.37	318.0	76	End Tail Slurry			
04/02/2015	18:17:35	51	1.3	14.91	318.1	0	Reset Total, Vol = 110.29 bbl			
04/02/2015	18:17:51	42	0.0	14.74	318.1	0				
04/02/2015	18:17:54	41	0.0	14.73	318.1	0	Drop Top Plug			
04/02/2015	18:17:55	41	0.0	14.74	318.1	0	Start Displacement			
04/02/2015	18:17:56	42	0.0	14.74	318.1	0	Washup Pump and Line			
04/02/2015	18:18:51	39	0.0	14.73	318.1	0				
04/02/2015	18:19:51	38	0.0	14.72	318.1	0				
04/02/2015	18:20:51	37	0.0	14.72	318.1	0				
04/02/2015	18:21:51	37	0.0	14.72	318.1	0				
04/02/2015	18:22:51	37	0.0	14.72	318.1	0				
04/02/2015	18:23:51	167	1.9	10.54	0.1	77				
04/02/2015	18:24:51	118	3.8	9.18	3.1	77				
04/02/2015	18:25:51	106	4.0	8.77	6.9	77				
04/02/2015	18:26:51	104	4.1	8.44	10.9	77				
04/02/2015	18:27:51	97	3.4	9.17	14.5	1				
04/02/2015	18:28:51	98	3.5	8.60	18.0	18				
04/02/2015	18:29:51	86	3.4	8.47	21.4	0				
04/02/2015	18:30:51	94	3.7	8.40	24.9	16				
04/02/2015	18:31:51	90	3.7	8.35	28.6	14				
04/02/2015	18:32:51	89	2.6	8.39	32.0	24				
04/02/2015	18:33:51	131	4.7	8.37	35.1	61				
04/02/2015	18:34:51	168	4.6	10.41	39.8	0				
04/02/2015	18:35:51	279	6.5	10.39	46.1	0				
04/02/2015	18:36:51	294	6.5	10.52	52.6	0				
04/02/2015	18:37:51	292	6.5	10.53	59.1	0				
04/02/2015	18:38:51	278	6.5	10.53	65.6	0				
04/02/2015	18:39:51	292	6.5	10.53	72.0	0				
04/02/2015	18:40:51	291	6.5	10.54	78.5	0				
04/02/2015	18:41:51	285	6.5	10.54	85.0	0				
04/02/2015	18:42:51	296	6.5	10.55	91.5	0				
04/02/2015	18:43:51	289	6.5	10.55	97.9	0				
04/02/2015	18:44:51	283	6.5	10.55	104.4	0				
04/02/2015	18:45:51	298	6.5	10.55	110.9	0				
04/02/2015	18:46:51	281	6.5	10.55	117.4	0				
04/02/2015	18:47:51	284	6.5	10.55	123.8	0				
04/02/2015	18:48:51	285	6.5	10.54	130.3	0				
04/02/2015	18:49:51	282	6.5	10.54	136.8	0				
04/02/2015	18:50:51	289	6.5	10.54	143.3	0				
04/02/2015	18:51:51	291	6.5	10.52	149.8	0				
04/02/2015	18:52:51	279	6.5	10.52	156.2	0				
04/02/2015	18:53:51	305	6.5	10.48	162.7	0				
04/02/2015	18:54:51	599	6.4	10.48	168.9	0				
04/02/2015	18:55:51	601	6.4	10.43	175.4	0				
04/02/2015	18:56:51	708	6.4	10.39	181.8	0				
04/02/2015	18:57:51	797	6.4	10.39	188.2	0				
04/02/2015	18:58:51	943	6.4	10.32	194.6	0				

Well			Field		Job Start	Customer		Job Number
Martinez 1-5-6 1-5-6			Wattenberg		Apr/02/2015	Extraction		CWJN-00982
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
04/02/2015	19:00:51	1121	6.4	10.26	207.4	0		
04/02/2015	19:01:51	1200	6.4	10.14	213.8	0		
04/02/2015	19:02:51	1387	6.4	10.11	220.2	0		
04/02/2015	19:03:51	1479	6.4	9.93	226.5	0		
04/02/2015	19:04:51	1524	6.4	9.80	232.9	0		
04/02/2015	19:05:51	1676	6.4	9.79	239.3	0		
04/02/2015	19:06:51	1710	6.4	9.47	245.7	0		
04/02/2015	19:07:51	1554	4.5	9.39	251.6	0		
04/02/2015	19:08:51	1705	4.4	8.24	256.1	0		
04/02/2015	19:09:51	1656	4.4	8.80	260.6	0		
04/02/2015	19:10:51	1716	4.4	8.73	265.1	0	Cement to Surface at 235 Bbl Away	
04/02/2015	19:11:51	1629	4.4	8.65	269.7	0		
04/02/2015	19:12:51	1800	4.5	8.36	274.1	0		
04/02/2015	19:13:51	1902	4.6	8.36	278.7	0		
04/02/2015	19:14:51	1957	4.6	8.36	283.2	0		
04/02/2015	19:15:51	1942	4.5	8.37	287.7	0		
04/02/2015	19:16:51	2034	4.4	8.36	292.3	0		
04/02/2015	19:17:51	1850	2.2	8.36	295.7	0		
04/02/2015	19:18:51	1954	2.2	8.36	298.0	0		
04/02/2015	19:19:51	1949	2.2	8.37	300.2	0		
04/02/2015	19:20:51	2831	2.2	8.37	302.4	0		
04/02/2015	19:21:51	2895	0.0	8.37	302.5	0		
04/02/2015	19:22:42	2913	0.0	8.37	302.5	0	Bump Top Plug	
04/02/2015	19:22:43	2913	0.0	8.37	302.5	0	Reset Total, Vol = 290 bbl	
04/02/2015	19:22:51	2916	0.0	8.37	302.5	0		
04/02/2015	19:22:57	2919	0.0	8.37	302.5	0	55 Bbl Cement to Surface	
04/02/2015	19:23:51	1282	0.0	8.37	302.5	0		
04/02/2015	19:24:31	45	0.0	8.37	302.5	0	Floats Hold, 2.5 Bbl Back	
04/02/2015	19:24:51	51	0.0	8.37	302.5	0		
04/02/2015	19:25:51	1872	2.2	8.37	304.1	0		
04/02/2015	19:26:45	2588	0.0	8.37	304.8	0	Start Casing Test	
04/02/2015	19:26:51	2588	0.0	8.37	304.8	0		
04/02/2015	19:27:51	2604	0.0	8.37	304.8	0		
04/02/2015	19:28:51	2613	0.0	8.38	304.8	0		
04/02/2015	19:29:51	2626	0.0	8.38	304.8	0		
04/02/2015	19:30:51	2636	0.0	8.38	304.9	0		
04/02/2015	19:31:51	2646	0.0	8.38	304.9	0		
04/02/2015	19:32:51	2653	0.0	8.38	304.9	0		
04/02/2015	19:33:51	2667	0.0	8.39	304.9	0		
04/02/2015	19:34:51	2677	0.0	8.39	304.9	0		
04/02/2015	19:35:51	2688	0.0	8.39	304.9	0		
04/02/2015	19:36:51	2696	0.0	8.39	304.9	0		
04/02/2015	19:37:51	2701	0.0	8.39	304.9	0		
04/02/2015	19:38:51	2711	0.0	8.39	305.6	0		
04/02/2015	19:39:51	2720	0.0	8.39	306.6	0		
04/02/2015	19:40:51	2723	0.0	8.39	306.8	0		
04/02/2015	19:41:51	2731	1.9	8.39	307.5	0		
04/02/2015	19:42:36	46	0.0	8.39	307.8	0	End Casing Test	
04/02/2015	19:42:51	44	0.0	8.39	307.8	0		

Well Martinez 1-5-6 1-5-6	Field Wattenberg	Job Start Apr/02/2015	Customer Extraction	Job Number CWJN-00982
-------------------------------------	----------------------------	---------------------------------	-------------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 3.9	N2	Mud	Maximum Rate 25.0		Total Slurry 266.0	Mud 0.0	Spacer 20.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 5240	Final 44	Average 806	Bump Plug to 2800	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 264.9 bbl		Displacement 290.0 bbl		Mix Water Temp 70 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	
								Volume 55.0 bbl	
								Washed Thru Perfs <input type="checkbox"/>	
								To ft	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
Sean McIntyre			Ryan Drilling/Ken Sovereign			-		-	