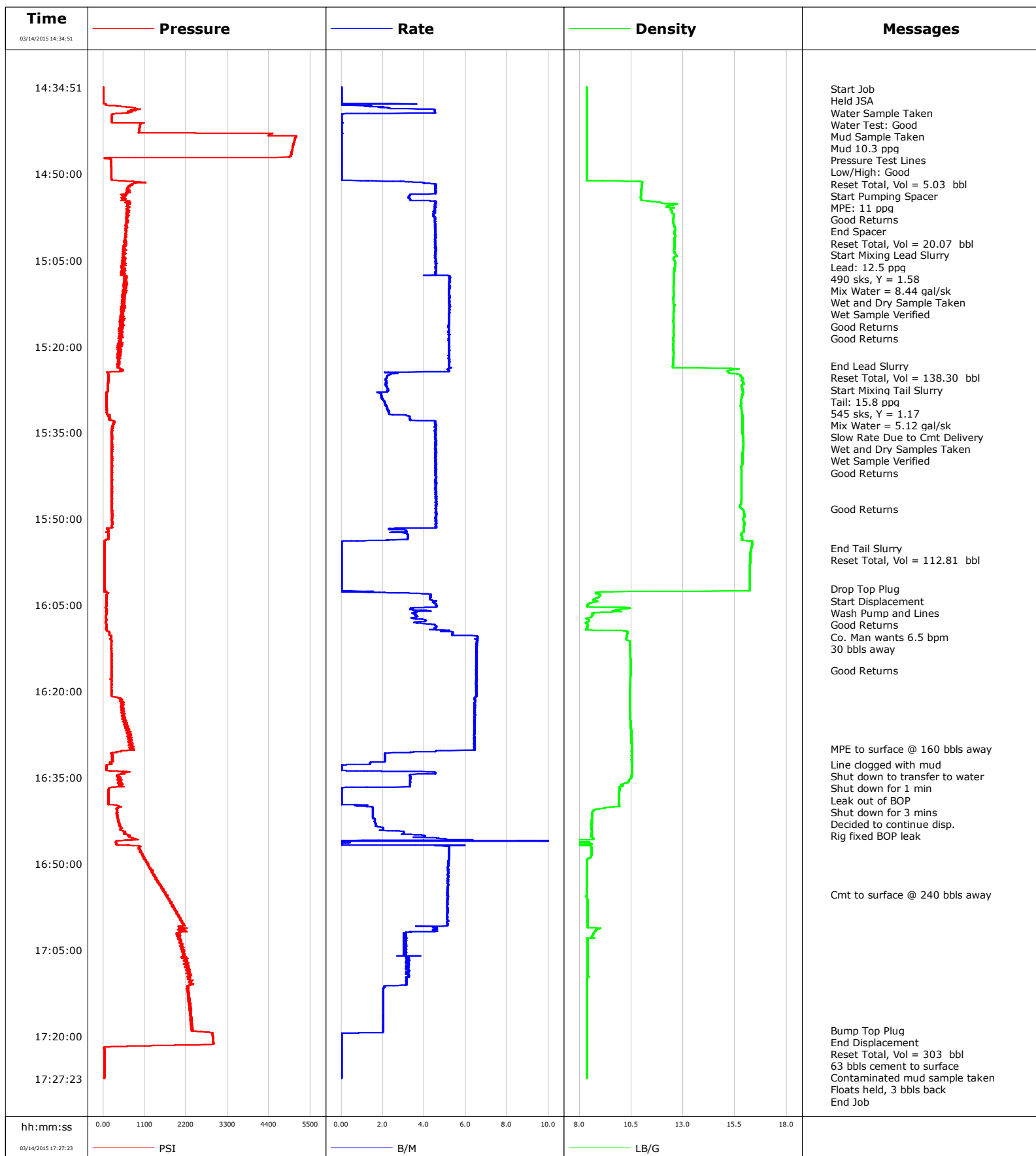


**Well** Martinez C5-5-6  
**Field** Wattenberg  
**Engineer** Matlock/Sovereign  
**Country** United States

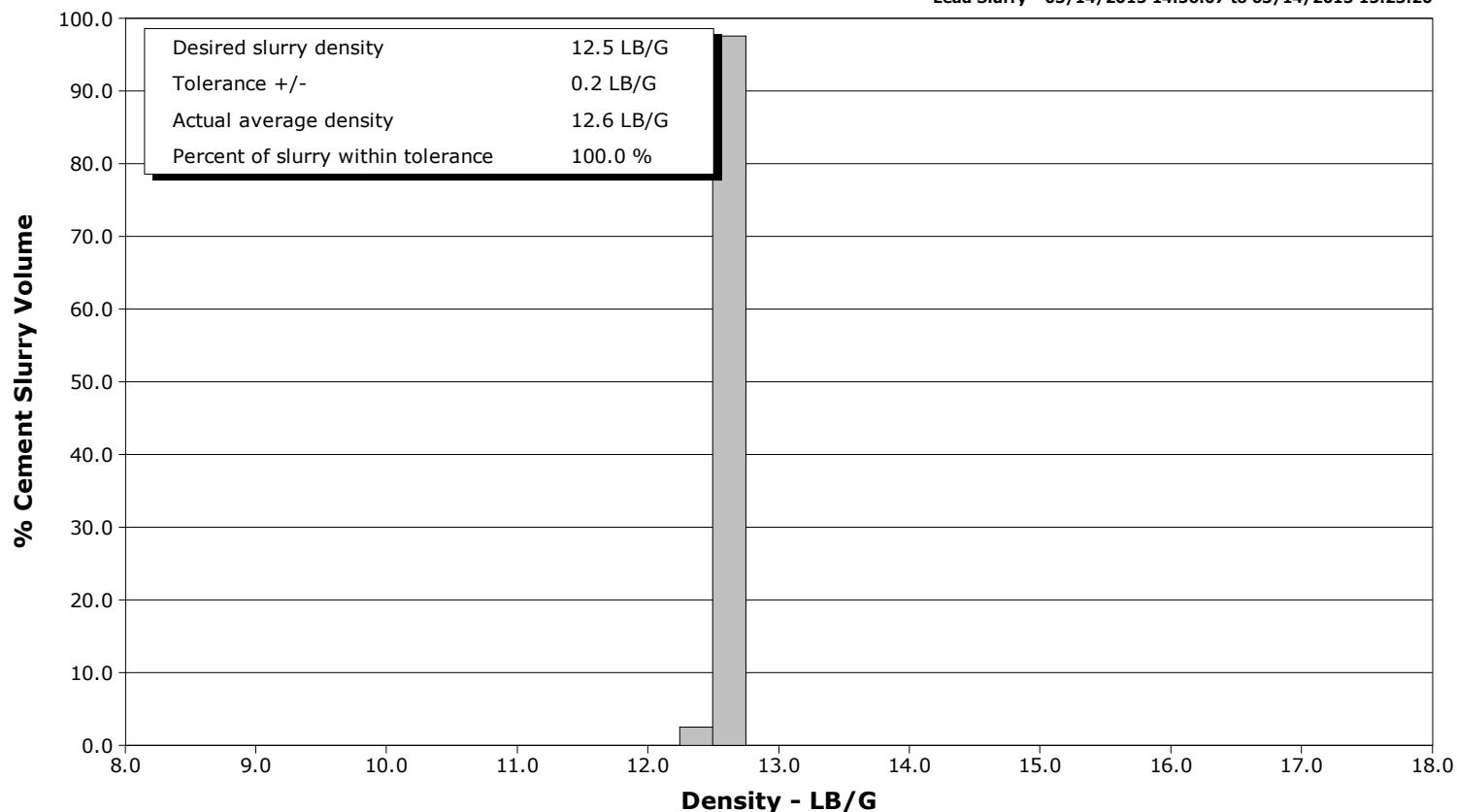
**Client** Extraction Oil Gas  
**SIR No.** CWJN-00941  
**Job Type** Intermediate  
**Job Date** 03-14-2015



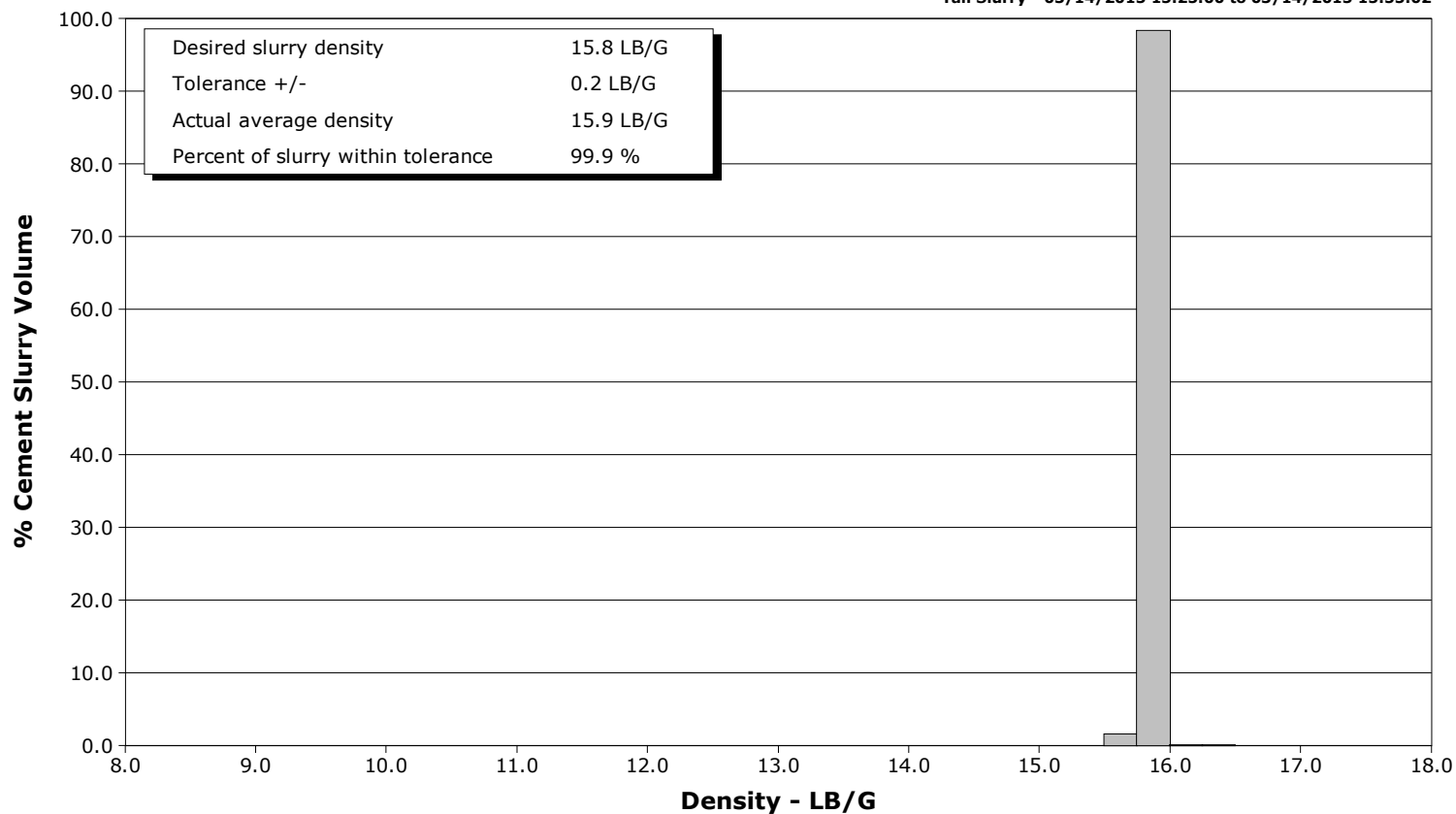
**Well** Martinez C5-5-6  
**Field** Wattenberg  
**Engineer** Matlock/Sovereign  
**Country** United States

**Client** Extraction Oil Gas  
**SIR No.** CWJN-00941  
**Job Type** Intermediate  
**Job Date** 03-14-2015

**Lead Slurry - 03/14/2015 14:56:07 to 03/14/2015 15:23:20**



**Tail Slurry - 03/14/2015 15:25:00 to 03/14/2015 15:55:02**



				Customer Extraction Oil & Gas			Job Number CWJN-00941											
Well Martinez C5-5-6			Location (legal)			Schlumberger Location Cheyenne			Job Start Mar/14/2015									
Field Wattenberg			Formation Name/Type			Deviation deg		Bit Size 8.8 in		Well MD 7972.0 ft		Well TVD 7090.0 ft						
County Weld			State/Province CO			BHP psi		BHST 208 degF		BHCT 178 degF		Pore Press. Gradient lb/gal						
Well Master			API/UWI															
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		7972.0		7.0		26.0		P-110						
						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 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						Diameter				
						ft		ft						in				
Service Instructions Cement 7" intermediate casing in an 8.75" hole to 7,937 ft MD. Lead cement designed from 5,000 feet to surface. Tail cement designed from TD up to 5,000 feet. Thank you.						Treat Down Casing		Displacement 303.3 bbl		Packer Type		Packer Depth ft						
						Tubing Vol. bbl		Casing Vol. 305.0 bbl		Annular Vol. 216.7 bbl		Openhole Vol. 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 7972.0 ft				Tool Type								
No. Centralizers 55			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 Mar/14/2015 06:00			Arrived on Location Mar/14/2015 06:00			Leave Location Mar/14/2015 18:30			Collar Type Float				Tail Pipe Depth ft					
									Collar Depth 7928.0 ft				Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
03/14/2015	14:34:51	7	0.0	8.35	0.0													
03/14/2015	14:35:08	7	0.0	8.34	0.0	Start Job												
03/14/2015	14:35:11	7	0.0	8.35	0.0	Held JSA												
03/14/2015	14:35:12	7	0.0	8.35	0.0	Water Test: Good												
03/14/2015	14:35:13	7	0.0	8.35	0.0	Mud 10.3 ppg												
03/14/2015	14:35:22	7	0.0	8.35	0.0	Pressure Test Lines												
03/14/2015	14:36:31	6	0.0	8.35	0.0													
03/14/2015	14:38:11	414	1.1	8.34	0.5													
03/14/2015	14:39:51	233	0.0	8.35	4.9													
03/14/2015	14:41:31	974	0.0	8.35	5.0													
03/14/2015	14:43:11	4402	0.0	8.35	5.0													
03/14/2015	14:44:51	5045	0.0	8.35	5.0													
03/14/2015	14:46:31	4990	0.0	8.35	5.0													
03/14/2015	14:48:11	208	0.0	8.35	0.0													
03/14/2015	14:49:38	216	0.0	8.36	0.0	Low/High: Good												
03/14/2015	14:49:51	217	0.0	8.36	0.0													
03/14/2015	14:51:10	503	1.3	9.11	0.0	Reset Total, Vol = 5.03 bbl												
03/14/2015	14:51:20	930	3.2	11.03	0.4	Start Pumping Spacer												
03/14/2015	14:51:31	859	4.0	11.03	1.1													
03/14/2015	14:51:57	744	4.6	11.00	3.0	MPE: 11 ppg												
03/14/2015	14:52:02	697	4.6	11.00	3.4	Good Returns												

Well			Field	Job Start		Customer	Job Number
Martinez C5-5-6			Wattenberg	Mar/14/2015		Extraction Oil & Gas	CWJN-00941
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/14/2015	14:54:51	619	4.6	11.72	14.7		
03/14/2015	14:55:52	667	4.5	12.56	19.3	End Spacer	
03/14/2015	14:56:02	626	4.5	12.41	0.5	Reset Total, Vol = 20.07 bbl	
03/14/2015	14:56:07	662	4.5	12.40	0.8	Start Mixing Lead Slurry	
03/14/2015	14:56:12	625	4.5	12.39	1.2	Lead: 12.5 ppg	
03/14/2015	14:56:13	631	4.5	12.40	1.3	490 sks, Y = 1.58	
03/14/2015	14:56:14	659	4.5	12.41	1.4	Wet and Dry Sample Taken	
03/14/2015	14:56:15	661	4.5	12.41	1.4	Wet Sample Verified	
03/14/2015	14:56:31	632	4.4	12.47	2.6		
03/14/2015	14:58:11	636	4.5	12.50	10.1		
03/14/2015	14:59:50	623	4.5	12.60	17.6	Good Returns	
03/14/2015	14:59:51	623	4.5	12.60	17.7		
03/14/2015	15:01:31	591	4.5	12.58	25.2		
03/14/2015	15:03:11	534	4.6	12.57	32.8		
03/14/2015	15:04:51	525	4.6	12.55	40.4		
03/14/2015	15:06:31	542	4.6	12.58	48.0		
03/14/2015	15:08:11	589	5.2	12.56	55.9		
03/14/2015	15:09:51	543	5.2	12.53	64.6		
03/14/2015	15:10:04	538	5.2	12.53	65.7	Good Returns	
03/14/2015	15:11:31	502	5.2	12.52	73.2		
03/14/2015	15:13:11	591	5.2	12.55	81.9		
03/14/2015	15:14:51	493	5.2	12.54	90.6		
03/14/2015	15:16:31	455	5.2	12.56	99.3		
03/14/2015	15:18:11	441	5.2	12.54	107.9		
03/14/2015	15:19:51	450	5.2	12.52	116.5		
03/14/2015	15:21:31	442	5.2	12.54	125.2		
03/14/2015	15:23:11	443	5.2	12.50	133.9		
03/14/2015	15:23:20	388	5.2	12.50	134.7	End Lead Slurry	
03/14/2015	15:24:07	547	5.2	15.31	138.7	Reset Total, Vol = 138.30 bbl	
03/14/2015	15:24:51	132	2.4	15.67	141.5		
03/14/2015	15:25:00	134	2.3	15.75	141.8	Start Mixing Tail Slurry	
03/14/2015	15:25:06	134	2.2	15.76	142.0	Tail: 15.8 ppg	
03/14/2015	15:25:07	133	2.2	15.76	142.1	545 sks, Y = 1.17	
03/14/2015	15:25:08	134	2.2	15.76	142.1	Mix Water = 5.12 gal/sk	
03/14/2015	15:26:31	129	2.1	15.93	2.9		
03/14/2015	15:27:15	129	2.2	15.85	4.4	Slow Rate Due to Cmt Delivery	
03/14/2015	15:28:11	93	1.9	15.87	6.4		
03/14/2015	15:29:51	91	2.1	15.79	9.7		
03/14/2015	15:31:31	94	2.3	15.83	13.4		
03/14/2015	15:33:11	283	4.5	15.86	18.8		
03/14/2015	15:33:35	253	4.6	15.86	20.7	Wet and Dry Samples Taken	
03/14/2015	15:33:36	284	4.5	15.86	20.7	Wet Sample Verified	
03/14/2015	15:34:51	223	4.5	15.86	26.4		
03/14/2015	15:34:55	228	4.5	15.86	26.7	Good Returns	
03/14/2015	15:36:31	230	4.6	15.90	34.0		
03/14/2015	15:38:11	228	4.6	15.88	41.6		
03/14/2015	15:39:51	239	4.6	15.86	49.2		
03/14/2015	15:41:31	219	4.5	15.81	56.7		
03/14/2015	15:43:11	237	4.5	15.81	64.3		
03/14/2015	15:44:51	238	4.6	15.81	71.9		
03/14/2015	15:46:31	239	4.6	15.81	79.5		
03/14/2015	15:48:11	217	4.6	15.81	87.2		
03/14/2015	15:48:17	232	4.6	15.86	87.6	Good Returns	
03/14/2015	15:49:51	225	4.6	15.91	94.8		

Well			Field	Job Start		Customer	Job Number
Martinez C5-5-6			Wattenberg	Mar/14/2015		Extraction Oil & Gas	CWJN-00941
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/14/2015	15:53:11	134	3.2	15.85	107.5		
03/14/2015	15:54:51	30	0.0	16.30	109.4		
03/14/2015	15:55:02	30	0.0	16.29	109.4	End Tail Slurry	
03/14/2015	15:55:04	29	0.0	16.29	109.4	Reset Total, Vol = 112.81 bbl	
03/14/2015	15:56:31	30	0.0	16.24	109.4		
03/14/2015	15:58:11	30	0.0	16.23	109.4		
03/14/2015	15:59:51	30	0.0	16.22	109.4		
03/14/2015	16:01:31	30	0.0	16.21	109.4		
03/14/2015	16:02:12	30	0.0	16.21	109.4	Drop Top Plug	
03/14/2015	16:03:11	92	4.3	9.02	1.5		
03/14/2015	16:03:12	92	4.3	9.01	1.6	Start Displacement	
03/14/2015	16:04:09	88	4.4	8.69	5.7	Wash Pump and Lines	
03/14/2015	16:04:51	82	4.6	8.43	8.8		
03/14/2015	16:06:31	86	3.5	8.68	15.4		
03/14/2015	16:07:10	70	3.5	8.55	17.7	Good Returns	
03/14/2015	16:08:11	77	3.9	8.36	21.5		
03/14/2015	16:09:51	173	5.4	10.30	29.3		
03/14/2015	16:10:35	214	6.6	10.28	33.6	Co. Man wants 6.5 bpm	
03/14/2015	16:11:08	221	6.6	10.30	37.2	30 bbls away	
03/14/2015	16:11:31	228	6.5	10.42	39.7		
03/14/2015	16:13:11	212	6.5	10.44	50.6		
03/14/2015	16:14:51	219	6.5	10.47	61.4		
03/14/2015	16:16:17	212	6.5	10.48	70.8	Good Returns	
03/14/2015	16:16:31	224	6.5	10.48	72.3		
03/14/2015	16:18:11	221	6.5	10.46	83.2		
03/14/2015	16:19:51	233	6.5	10.43	94.0		
03/14/2015	16:21:31	507	6.4	10.43	104.9		
03/14/2015	16:23:11	505	6.4	10.43	115.6		
03/14/2015	16:24:51	510	6.4	10.44	126.3		
03/14/2015	16:26:31	676	6.4	10.47	137.0		
03/14/2015	16:28:11	749	6.4	10.50	147.7		
03/14/2015	16:29:51	718	6.4	10.52	158.4		
03/14/2015	16:30:00	706	6.4	10.52	159.4	MPE to surface @ 160 bbls away	
03/14/2015	16:31:31	249	2.1	10.53	164.8		
03/14/2015	16:32:46	146	0.7	10.53	167.1	Line clogged with mud	
03/14/2015	16:32:47	132	0.3	10.54	167.1	Shut down to transfer to water	
03/14/2015	16:33:11	82	0.0	10.54	167.1		
03/14/2015	16:33:47	84	0.0	10.53	167.1	Shut down for 1 min	
03/14/2015	16:34:51	397	3.3	10.49	170.7		
03/14/2015	16:36:31	512	3.3	10.09	176.3		
03/14/2015	16:36:47	179	0.0	9.93	176.9	Leak out of BOP	
03/14/2015	16:38:11	138	0.0	9.90	176.9		
03/14/2015	16:39:15	134	0.0	9.90	176.9	Shut down for 3 mins	
03/14/2015	16:39:20	135	0.0	9.90	176.9	Decided to continue disp.	
03/14/2015	16:39:51	344	1.1	9.89	177.0		
03/14/2015	16:40:12	447	1.5	9.48	177.4	Rig fixed BOP leak	
03/14/2015	16:41:31	381	1.5	8.61	179.4		
03/14/2015	16:43:11	438	1.7	8.59	182.0		
03/14/2015	16:44:51	558	3.0	8.57	185.8		
03/14/2015	16:46:31	344	0.0	8.55	191.6		
03/14/2015	16:48:11	1022	5.2	8.58	198.8		
03/14/2015	16:49:51	1170	5.2	8.37	207.4		
03/14/2015	16:51:31	1283	5.2	8.35	216.0		
03/14/2015	16:53:11	1451	5.1	8.35	224.6		

Well			Field		Job Start	Customer		Job Number
Martinez C5-5-6			Wattenberg		Mar/14/2015	Extraction Oil & Gas		CWJN-00941
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/14/2015	16:55:20	1660	5.1	8.34	235.6	Cmt to surface @ 240 bbls away		
03/14/2015	16:56:31	1758	5.1	8.39	241.7			
03/14/2015	16:58:11	1931	5.1	8.40	250.2			
03/14/2015	16:59:51	2049	5.1	8.38	258.8			
03/14/2015	17:01:31	1994	4.5	8.81	266.9			
03/14/2015	17:03:11	1996	3.1	8.39	272.5			
03/14/2015	17:04:51	2077	3.1	8.39	277.7			
03/14/2015	17:06:31	2250	3.1	8.39	282.9			
03/14/2015	17:08:11	2239	3.2	8.39	288.2			
03/14/2015	17:09:51	2268	3.2	8.37	293.6			
03/14/2015	17:11:31	2266	2.1	8.38	298.5			
03/14/2015	17:13:11	2294	2.0	8.38	301.9			
03/14/2015	17:14:51	2285	2.0	8.37	305.2			
03/14/2015	17:16:31	2328	2.0	8.37	308.6			
03/14/2015	17:18:11	2355	2.0	8.37	312.0			
03/14/2015	17:19:00	2377	2.0	8.37	313.6	Bump Top Plug		
03/14/2015	17:19:01	2385	2.0	8.37	313.6	End Displacement		
03/14/2015	17:19:03	2342	2.0	8.37	313.7	Reset Total, Vol = 303 bbl		
03/14/2015	17:19:51	2907	0.0	8.37	314.5			
03/14/2015	17:20:12	2910	0.0	8.37	314.5	63 bbls cement to surface		
03/14/2015	17:20:25	2913	0.0	8.37	314.5	Contaminated mud sample taken		
03/14/2015	17:21:31	2673	0.0	8.37	314.5			
03/14/2015	17:23:11	28	0.0	8.37	314.5			
03/14/2015	17:24:51	28	0.0	8.37	314.5			
03/14/2015	17:26:31	27	0.0	8.38	314.5			
03/14/2015	17:27:12	27	0.0	8.37	314.5	Floats held, 3 bbls back		

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.2	N2	Mud	Maximum Rate 17.2		Total Slurry 250.0	Mud 0.0	Spacer 20.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5130	Final 27	Average 772	Bump Plug to 2900	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 249.0 bbl		Displacement 303.0 bbl	Mix Water Temp 85 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 63.0 bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Brandon Patch			Schlumberger Supervisor Matlock/Sovereign			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	