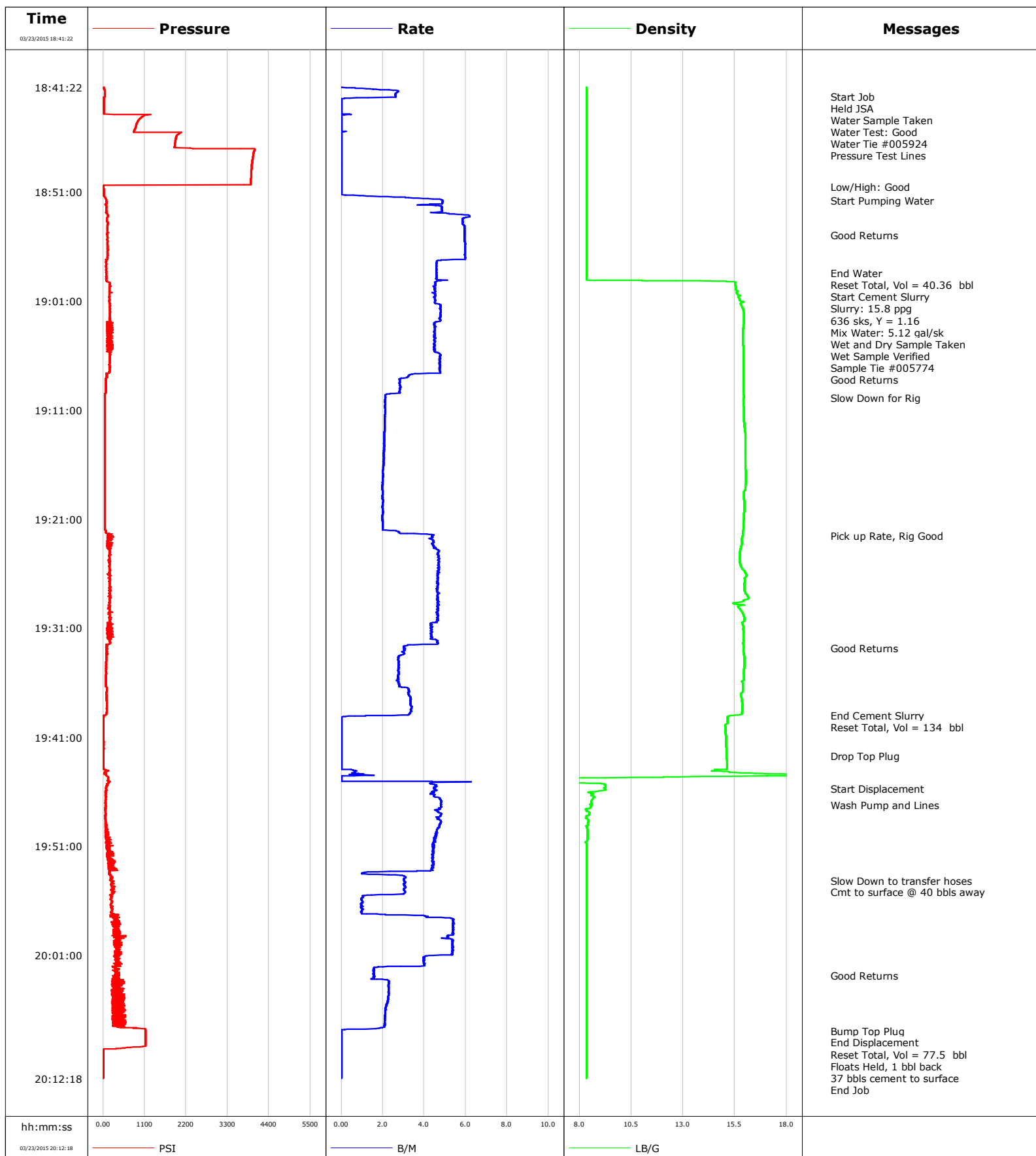


Well Martinez 2-5-6
Field DJ
Engineer Matlock/Terry
Country United States

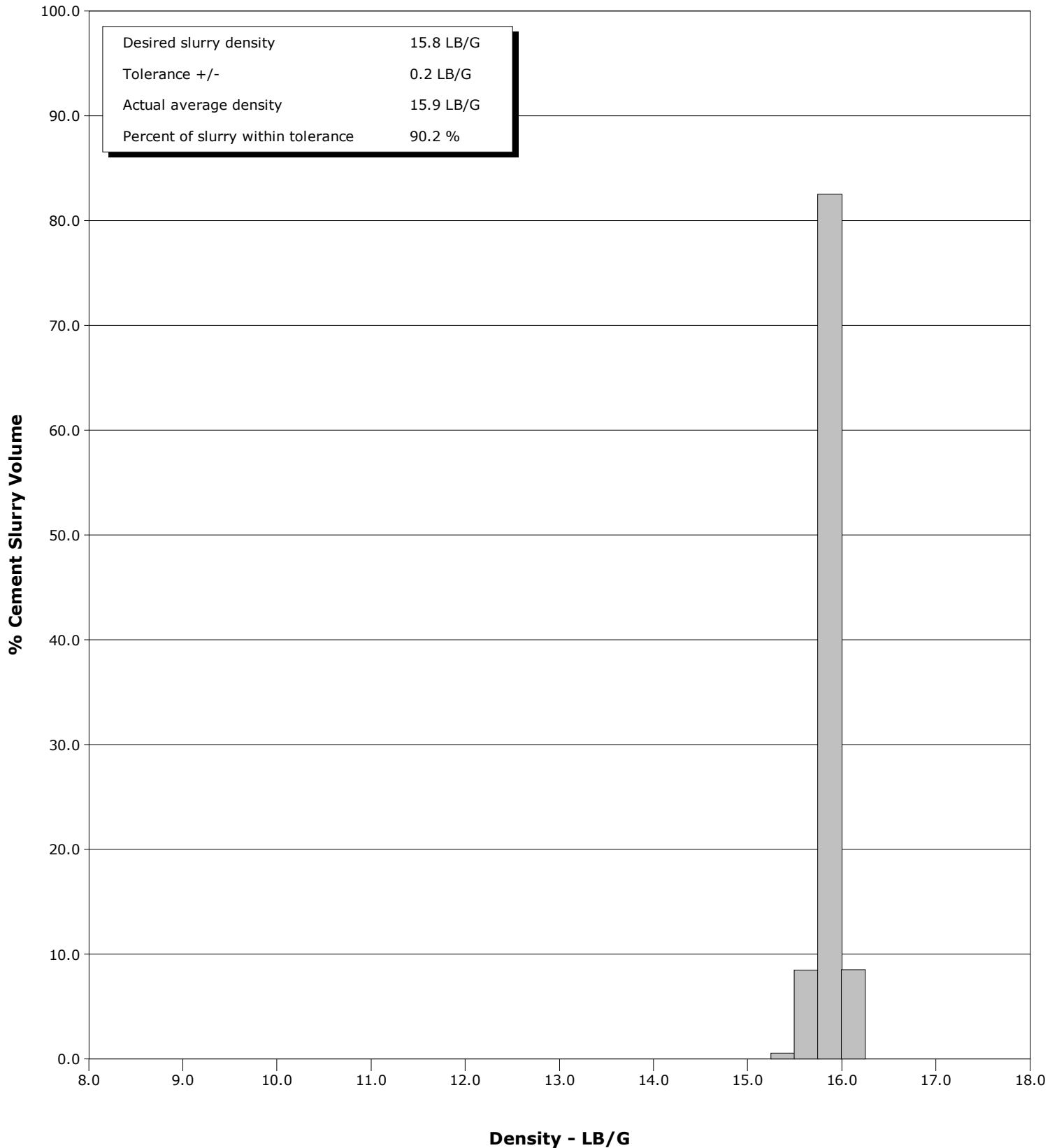
Client Extraction Oil Gas
SIR No. D2IK-00917
Job Type Surface
Job Date 03-23-2015



Well Martinez 2-5-6
Field DJ
Engineer Matlock/Terry
Country United States

Client Extraction Oil Gas
SIR No. D2IK-00917
Job Type Surface
Job Date 03-23-2015

Cement Slurry - 03/23/2015 19:00:04 to 03/23/2015 19:39:01



Cementing Service Report

				Customer Extraction Oil & Gas				Job Number D2IK-00917							
Well Martinez 2-5-6			Location (legal)			Schlumberger Location Cheyenne			Job Start Mar/23/2015						
Field DJ		Formation Name/Type			Deviation deg		Bit Size 13.5 in		Well MD 1046.0 ft		Well TVD 1046.0 ft				
County Weld		State/Province CO			BHP psi		BHST 92 degF		BHCT 82 degF		Pore Press. Gradient lb/gal				
Well Master 0631619620		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		1046.0		9.6		36.0		J-55			
						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 Surface													
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	
Service Instructions Cement 9 5/8" surface casing in a 13.5" open hole w/ 37% excess to 1050 ft per design.						ft		ft							
						ft		ft						Diameter in	
						ft		ft							
		Treat Down Casing				Displacement 77.5 bbl		Packer Type		Packer Depth ft					
		Tubing Vol. bbl				Casing Vol. 80.8 bbl		Annular Vol. 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 1046.0 ft				Tool Type							
No. Centralizers 12		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/23/2015 09:00		Arrived on Location Mar/23/2015 09:00		Leave Location Mar/23/2015 21:00		Collar Type Float				Tail Pipe Depth ft					
						Collar Depth 1002.6 ft				Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
03/23/2015	18:41:22	15	0.0	8.35	2.2										
03/23/2015	18:42:12	45	2.6	8.35	3.9	Start Job									
03/23/2015	18:43:02	15	0.0	8.35	4.3										
03/23/2015	18:44:20	960	0.0	8.35	4.3	Pressure Test Lines									
03/23/2015	18:44:42	894	0.0	8.35	4.3										
03/23/2015	18:46:22	1914	0.0	8.35	4.3										
03/23/2015	18:48:02	3961	0.0	8.35	4.3										
03/23/2015	18:49:42	3922	0.0	8.35	4.3										
03/23/2015	18:50:30	6	0.0	8.35	4.3	Low/High: Good									
03/23/2015	18:51:22	23	1.4	8.35	0.1										
03/23/2015	18:51:47	90	4.9	8.35	1.5	Start Pumping Water									
03/23/2015	18:53:02	112	5.6	8.35	7.5										
03/23/2015	18:54:42	118	6.0	8.35	17.4										
03/23/2015	18:54:57	112	6.0	8.35	18.9	Good Returns									
03/23/2015	18:56:22	124	6.0	8.35	27.3										
03/23/2015	18:58:02	88	4.6	8.35	36.2										
03/23/2015	18:58:25	90	4.6	8.35	37.9	End Water									
03/23/2015	18:58:27	89	4.6	8.35	38.1	Reset Total, Vol = 40.36 bbl									
03/23/2015	18:59:42	177	4.5	15.54	3.7										
03/23/2015	19:00:04	166	4.5	15.65	5.4	Start Cement Slurry									
03/23/2015	19:00:48	165	4.5	15.71	8.7	Slurry: 15.8 ppg									

Well			Field	Job Start		Customer	Job Number
Martinez 2-5-6			DJ	Mar/23/2015		Extraction Oil & Gas	D2IK-00917
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/23/2015	19:00:51	173	4.5	15.71	8.9	Mix Water: 5.12 gal/sk	
03/23/2015	19:00:52	173	4.5	15.72	9.0	Wet and Dry Sample Taken	
03/23/2015	19:00:53	174	4.6	15.73	9.1	Wet Sample Verified	
03/23/2015	19:00:54	178	4.5	15.73	9.2	Sample Tie #005774	
03/23/2015	19:00:55	161	4.5	15.73	9.2	Good Returns	
03/23/2015	19:01:22	172	4.8	15.80	11.3		
03/23/2015	19:03:02	137	4.5	15.93	19.2		
03/23/2015	19:04:42	116	4.5	15.88	26.7		
03/23/2015	19:06:22	178	4.8	15.91	34.4		
03/23/2015	19:08:02	79	3.2	15.90	41.8		
03/23/2015	19:09:42	49	2.1	15.92	46.4		
03/23/2015	19:09:50	49	2.1	15.92	46.7	Slow Down for Rig	
03/23/2015	19:11:22	48	2.1	15.93	49.9		
03/23/2015	19:13:02	48	2.1	15.99	53.4		
03/23/2015	19:14:42	47	2.1	15.99	56.8		
03/23/2015	19:16:22	45	2.0	16.01	60.2		
03/23/2015	19:18:02	44	2.0	16.00	63.6		
03/23/2015	19:19:42	43	2.0	15.95	66.9		
03/23/2015	19:21:22	44	2.0	15.91	70.2		
03/23/2015	19:22:30	140	4.4	15.88	73.1	Pick up Rate, Rig Good	
03/23/2015	19:23:02	136	4.4	15.82	75.4		
03/23/2015	19:24:42	189	4.7	15.73	83.0		
03/23/2015	19:26:22	192	4.7	15.99	90.8		
03/23/2015	19:28:02	192	4.6	16.11	98.6		
03/23/2015	19:29:42	197	4.7	15.89	106.3		
03/23/2015	19:31:22	123	4.4	15.92	113.8		
03/23/2015	19:32:50	83	3.1	15.91	119.9	Good Returns	
03/23/2015	19:33:02	87	3.0	15.90	120.6		
03/23/2015	19:34:42	83	2.8	15.94	125.3		
03/23/2015	19:36:22	76	2.8	15.89	129.9		
03/23/2015	19:38:02	92	3.3	15.86	135.3		
03/23/2015	19:39:01	15	2.0	15.27	138.6	End Cement Slurry	
03/23/2015	19:39:03	13	1.2	15.25	138.7	Reset Total, Vol = 134 bbl	
03/23/2015	19:39:42	11	0.0	15.14	138.7		
03/23/2015	19:41:22	13	0.0	15.07	138.7		
03/23/2015	19:42:44	11	0.0	15.10	138.7	Drop Top Plug	
03/23/2015	19:43:02	11	0.0	15.10	138.7		
03/23/2015	19:44:42	138	0.0	10.79	0.3		
03/23/2015	19:45:45	94	4.5	9.21	3.3	Start Displacement	
03/23/2015	19:46:22	76	4.5	8.60	6.1		
03/23/2015	19:47:10	67	4.8	8.51	9.9	Wash Pump and Lines	
03/23/2015	19:48:02	56	4.8	8.47	14.0		
03/23/2015	19:49:42	78	4.6	8.39	21.8		
03/23/2015	19:51:22	154	4.4	8.35	29.4		
03/23/2015	19:53:02	350	4.3	8.35	36.7		
03/23/2015	19:54:11	263	3.0	8.35	40.0	Slow Down to transfer hoses	
03/23/2015	19:54:42	246	3.1	8.35	41.6		
03/23/2015	19:55:11	312	3.1	8.35	43.1	Cmt to surface @ 40 bbls away	
03/23/2015	19:56:22	217	1.0	8.35	44.8		
03/23/2015	19:58:02	449	5.4	8.35	49.3		
03/23/2015	19:59:42	367	5.4	8.35	58.2		
03/23/2015	20:01:22	430	4.0	8.35	66.7		
03/23/2015	20:02:53	433	1.6	8.35	70.7	Good Returns	
03/23/2015	20:03:02	286	1.6	8.35	71.0		

Well			Field		Job Start	Customer		Job Number
Martinez 2-5-6			DJ		Mar/23/2015	Extraction Oil & Gas		D2IK-00917
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/23/2015	20:06:22	362	2.1	8.35	78.3			
03/23/2015	20:07:56	1120	0.0	8.35	81.3	Bump Top Plug		
03/23/2015	20:07:57	1127	0.0	8.35	81.3	End Displacement		
03/23/2015	20:08:02	1125	0.0	8.35	81.3			
03/23/2015	20:08:20	1126	0.0	8.35	81.3	Reset Total, Vol = 77.5 bbl		
03/23/2015	20:09:00	1123	0.0	8.35	81.3	Floats Held, 1 bbl back		
03/23/2015	20:09:42	2	0.0	8.35	81.3			
03/23/2015	20:11:22	4	0.0	8.35	81.3			
03/23/2015	20:11:59	3	0.0	8.35	81.3	37 bbls cement to surface		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 3.6	N2	Mud	Maximum Rate 6.3	Total Slurry 134.0	Mud 0.0	Spacer 40.3	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 4027	Final 3	Average 342	Bump Plug to 1100	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 131.0 bbl	Displacement 77.5 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 37.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Brandon Patch			Schlumberger Supervisor Matlock/Terry			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					