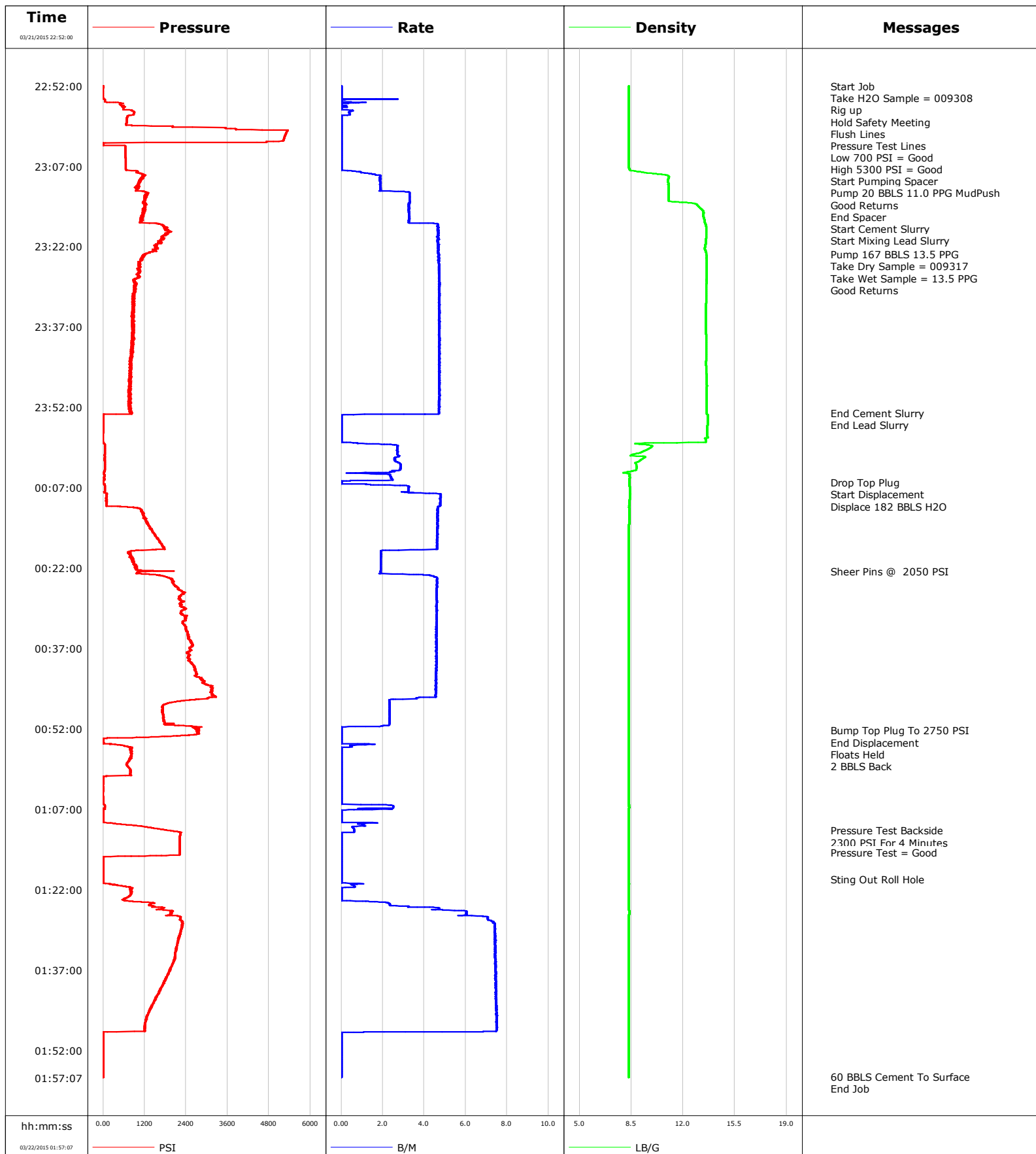


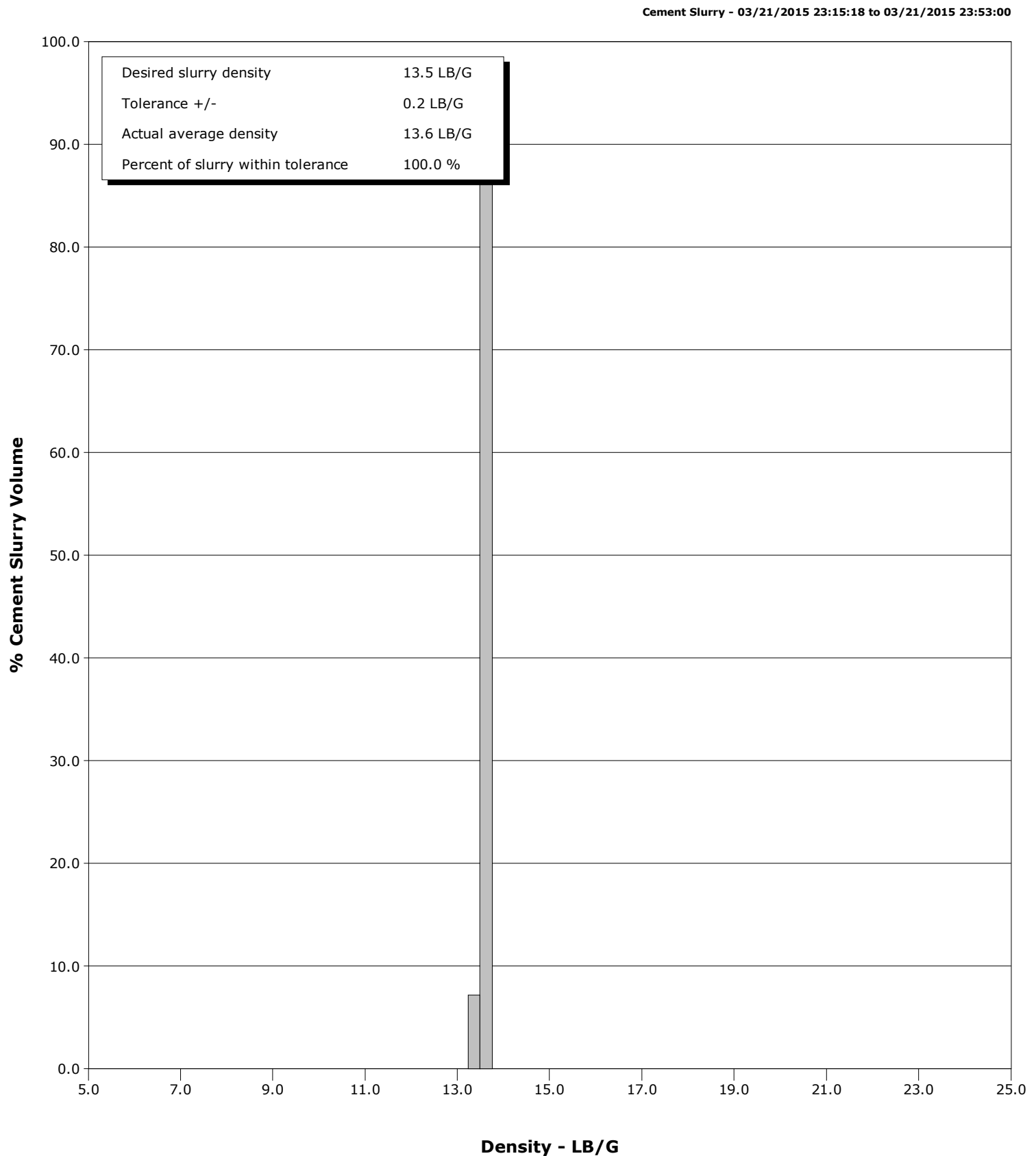
Well Martinez C5-5-6
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

Client Extraction Oil
SIR No. 2115318
Job Type 4.5 Liner
Job Date 03-21-2015



Well Martinez C5-5-6
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

Client Extraction Oil
SIR No. 2115318
Job Type 4.5 Liner
Job Date 03-21-2015



Cementing Service Report

				Customer Extraction Oil			Job Number 2115318			
Well Martinez C5-5-6 C5-5-6			Location (legal) CWY		Schlumberger Location CWY			Job Start Mar/21/2015		
Field Wattenberg		Formation Name/Type Shale		Deviation deg	Bit Size 6.1 in		Well MD 15069.0 ft		Well TVD 7090.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 208 degF	BHCT 208 degF	Pore Press. Gradient lb/gal			
Well Master 0631619615		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	7937.0	7.0	26.0	P110		8RD	
				7864.0	4.5	11.6	P110		8RD	
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 4.5 Liner			D	7071.0	4.0	0.0			
					0.0	0.0	0.0			
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi		WH Connection	Perforations/Open Hole						
				Top, ft	Bottom, ft	shot/ft	No. of Shots		Total Interval	
Service Instructions Rig Up Hold Safety Meeting Flush Lines Pressure Test Lines 500/5000 PSI Pump 20 BBLS 11.0 PPG MudPush Pump 167 BBLS 13.5 PPG Slurry Drop Dart Displace 182 BBLS H2O Pressure Test Backside 2500 PSI For 5 Minutes Sting Out Roll The Hole				ft	ft				ft	
				ft	ft				Diameter	
				ft	ft				in	
				Treat Down Casing	Displacement 182.0 bbl		Packer Type		Packer Depth ft	
				Tubing Vol. 64.0 bbl	Casing Vol. 122.0 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 Guide			Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 15051.0 ft			Tool Type			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth ft			
Cement Head Type				Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Mar/21/2015 14:00		Arrived on Location Mar/21/2015		Leave Location Mar/22/2015 03:00		Collar Type Float		Tail Pipe Depth ft		
						Collar Depth 15002.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
03/21/2015	22:52:00	0	0.0	8.34	0.0	Started Acquisition				
03/21/2015	22:52:01	0	0.0	8.34	0.0	Start Job				
03/21/2015	22:52:03	1	0.0	8.34	0.0	Take H2O Sample = 009308				
03/21/2015	22:52:04	0	0.0	8.35	0.0	Hold Safety Meeting				
03/21/2015	22:52:25	-1	0.0	8.34	0.0	Pressure Test Lines				
03/21/2015	22:53:30	-2	0.0	8.34	0.0					
03/21/2015	22:55:00	51	0.0	8.35	0.2					
03/21/2015	22:56:30	687	0.3	8.34	0.4					
03/21/2015	22:57:00	886	0.4	8.34	0.7	Low 700 PSI = Good				
03/21/2015	22:58:00	688	0.0	8.35	0.9					
03/21/2015	22:59:00	675	0.0	8.35	0.9	High 5300 PSI = Good				
03/21/2015	22:59:30	1397	0.0	8.35	0.0					
03/21/2015	23:01:00	5283	0.0	8.34	0.0					
03/21/2015	23:02:30	4723	0.0	8.35	0.0					
03/21/2015	23:04:00	638	0.0	8.35	0.0					
03/21/2015	23:05:30	646	0.0	8.35	0.0					
03/21/2015	23:07:00	653	0.0	8.35	0.0					
03/21/2015	23:08:16	1045	1.1	9.58	0.3	Start Pumping Spacer				
03/21/2015	23:08:18	1023	1.2	9.65	0.4	Pump 20 BBLS 11.0 PPG MudPush				
03/21/2015	23:08:30	1136	1.6	10.43	0.6					
03/21/2015	23:09:39	1101	1.9	10.99	2.8	Good Returns				

Well			Field	Job Start		Customer	Job Number
Martinez C5-5-6 C5-5-6			Wattenberg	Mar/21/2015		Extraction Oil	2115318
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/21/2015	23:11:30	977	1.9	11.00	6.2		
03/21/2015	23:13:00	1187	3.3	11.00	10.9		
03/21/2015	23:13:43	1220	3.3	11.79	13.2	End Spacer	
03/21/2015	23:14:30	1205	3.2	13.03	2.2		
03/21/2015	23:15:18	1216	3.3	13.34	4.8	Start Cement Slurry	
03/21/2015	23:15:20	1164	3.3	13.34	4.9	Start Mixing Lead Slurry	
03/21/2015	23:16:00	1154	3.3	13.35	7.1		
03/21/2015	23:17:30	1087	3.3	13.46	12.0		
03/21/2015	23:19:00	1889	4.7	13.55	18.8		
03/21/2015	23:20:30	1756	4.7	13.54	25.8		
03/21/2015	23:22:00	1565	4.7	13.49	32.8		
03/21/2015	23:23:25	1236	4.7	13.56	39.5	Pump 167 BBLS 13.5 PPG	
03/21/2015	23:23:30	1169	4.7	13.57	39.9		
03/21/2015	23:23:52	1183	4.7	13.58	41.6	Take Dry Sample = 009317	
03/21/2015	23:24:18	1127	4.7	13.58	43.6	Take Wet Sample = 13.5 PPG	
03/21/2015	23:24:29	1110	4.7	13.59	44.5	Good Returns	
03/21/2015	23:25:00	1083	4.7	13.59	46.9		
03/21/2015	23:26:30	1058	4.7	13.58	54.0		
03/21/2015	23:28:00	956	4.7	13.58	61.1		
03/21/2015	23:29:30	920	4.7	13.55	68.1		
03/21/2015	23:31:00	915	4.7	13.55	75.2		
03/21/2015	23:32:30	855	4.7	13.54	82.3		
03/21/2015	23:34:00	844	4.7	13.53	89.4		
03/21/2015	23:35:30	867	4.7	13.52	96.5		
03/21/2015	23:37:00	876	4.7	13.53	103.6		
03/21/2015	23:38:30	859	4.7	13.54	110.7		
03/21/2015	23:40:00	879	4.7	13.56	117.8		
03/21/2015	23:41:30	877	4.7	13.56	124.9		
03/21/2015	23:43:00	831	4.7	13.55	132.0		
03/21/2015	23:44:30	800	4.7	13.55	139.1		
03/21/2015	23:46:00	785	4.7	13.59	146.2		
03/21/2015	23:47:30	760	4.7	13.60	153.3		
03/21/2015	23:49:00	762	4.7	13.60	160.4		
03/21/2015	23:50:30	776	4.7	13.59	167.5		
03/21/2015	23:52:00	745	4.7	13.60	174.6		
03/21/2015	23:53:00	806	4.7	13.60	179.3	End Cement Slurry	
03/21/2015	23:53:30	4	0.0	13.65	180.8		
03/21/2015	23:55:00	1	0.0	13.64	0.0		
03/21/2015	23:56:30	9	0.0	13.64	0.0		
03/21/2015	23:58:00	-5	0.0	13.52	0.0		
03/21/2015	23:59:30	52	2.7	9.84	1.8		
03/22/2015	00:01:00	43	2.7	8.47	5.9		
03/22/2015	00:02:30	51	2.8	8.80	9.9		
03/22/2015	00:04:00	40	2.6	8.42	14.1		
03/22/2015	00:05:30	31	2.5	8.36	17.4		
03/22/2015	00:06:00	5	0.0	8.36	0.0	Drop Top Plug	
03/22/2015	00:07:00	45	3.3	8.39	1.8		
03/22/2015	00:08:30	94	4.8	8.40	7.3		
03/22/2015	00:10:00	112	4.8	8.35	14.5	Displace 182 BBLS H2O	
03/22/2015	00:11:30	1113	4.6	8.35	21.5		
03/22/2015	00:13:00	1227	4.6	8.35	28.5		
03/22/2015	00:14:30	1381	4.6	8.35	35.5		
03/22/2015	00:16:00	1493	4.6	8.35	42.4		
03/22/2015	00:17:30	1682	4.6	8.35	49.3		

Well			Field	Job Start		Customer	Job Number
Martinez C5-5-6 C5-5-6			Wattenberg	Mar/21/2015		Extraction Oil	2115318
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/22/2015	00:20:30	879	1.9	8.34	58.2		
03/22/2015	00:22:00	934	1.9	8.34	61.0		
03/22/2015	00:22:36	2048	1.9	8.34	62.2	Sheer Pins @ 2050 PSI	
03/22/2015	00:23:30	1739	4.4	8.34	64.6		
03/22/2015	00:25:00	2044	4.6	8.34	71.5		
03/22/2015	00:26:30	2324	4.6	8.34	78.4		
03/22/2015	00:28:00	2239	4.6	8.34	85.3		
03/22/2015	00:29:30	2385	4.6	8.34	92.2		
03/22/2015	00:31:00	2366	4.6	8.34	99.1		
03/22/2015	00:32:30	2311	4.6	8.34	106.0		
03/22/2015	00:34:00	2450	4.6	8.34	112.9		
03/22/2015	00:35:30	2533	4.6	8.34	119.8		
03/22/2015	00:37:00	2494	4.6	8.34	126.7		
03/22/2015	00:38:30	2471	4.6	8.34	133.6		
03/22/2015	00:40:00	2587	4.6	8.34	140.5		
03/22/2015	00:41:30	2695	4.6	8.34	147.3		
03/22/2015	00:43:00	2878	4.5	8.34	154.2		
03/22/2015	00:44:30	3175	4.6	8.34	161.0		
03/22/2015	00:46:00	3256	4.6	8.34	167.9		
03/22/2015	00:47:30	1771	2.3	8.34	172.2		
03/22/2015	00:49:00	1715	2.3	8.34	175.7		
03/22/2015	00:50:30	1766	2.3	8.34	179.1		
03/22/2015	00:52:00	2765	0.0	8.35	181.7		
03/22/2015	00:52:19	2781	0.0	8.35	181.7	Bump Top Plug To 2750 PSI	
03/22/2015	00:53:30	1534	0.0	8.35	181.7		
03/22/2015	00:53:49	11	0.0	8.35	181.7	Floats Held	
03/22/2015	00:55:00	452	1.0	8.35	181.9		
03/22/2015	00:56:30	832	0.0	8.34	182.1		
03/22/2015	00:58:00	754	0.0	8.34	182.1		
03/22/2015	00:59:30	773	0.0	8.35	182.1		
03/22/2015	01:01:00	0	0.0	8.34	182.1		
03/22/2015	01:02:30	0	0.0	8.35	0.0		
03/22/2015	01:04:00	-0	0.0	8.35	0.0		
03/22/2015	01:05:30	1	0.0	8.35	0.0		
03/22/2015	01:07:00	50	2.4	8.35	1.9		
03/22/2015	01:08:30	9	0.0	8.35	2.1		
03/22/2015	01:10:00	827	1.1	8.35	2.7		
03/22/2015	01:11:00	1942	0.6	8.35	3.4	Pressure Test Backside	
03/22/2015	01:11:30	2230	0.0	8.35	3.6		
03/22/2015	01:13:00	2221	0.0	8.35	3.6		
03/22/2015	01:14:30	2218	0.0	8.35	0.0		
03/22/2015	01:15:00	2214	0.0	8.35	0.0	Pressure Test = Good	
03/22/2015	01:16:00	4	0.0	8.35	0.0		
03/22/2015	01:17:30	3	0.0	8.35	0.0		
03/22/2015	01:19:00	1	0.0	8.35	0.0		
03/22/2015	01:20:00	1	0.0	8.35	0.0	Sting Out Roll Hole	
03/22/2015	01:20:30	0	0.0	8.35	0.0		
03/22/2015	01:22:00	838	0.0	8.35	0.5		
03/22/2015	01:23:30	712	0.0	8.35	0.5		
03/22/2015	01:25:00	1389	2.4	8.35	2.3		
03/22/2015	01:26:30	1992	6.0	8.35	9.6		
03/22/2015	01:28:00	2305	7.3	8.35	19.7		
03/22/2015	01:29:30	2256	7.4	8.35	30.8		
03/22/2015	01:31:00	2202	7.4	8.35	41.9		

Well			Field		Job Start	Customer		Job Number
Martinez C5-5-6 C5-5-6			Wattenberg		Mar/21/2015	Extraction Oil		2115318
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/22/2015	01:34:00	2085	7.4	8.35	64.2			
03/22/2015	01:35:30	2051	7.5	8.35	75.3			
03/22/2015	01:37:00	1944	7.4	8.35	86.5			
03/22/2015	01:38:30	1828	7.4	8.35	97.7			
03/22/2015	01:40:00	1705	7.5	8.35	108.8			
03/22/2015	01:41:30	1589	7.5	8.35	120.0			
03/22/2015	01:43:00	1485	7.5	8.35	131.2			
03/22/2015	01:44:30	1348	7.5	8.35	142.4			
03/22/2015	01:46:00	1260	7.5	8.35	153.7			
03/22/2015	01:47:30	1209	7.5	8.35	164.9			
03/22/2015	01:49:00	9	0.0	8.35	173.1			
03/22/2015	01:50:30	1	0.0	8.35	173.1			
03/22/2015	01:52:00	2	0.0	8.35	173.1			
03/22/2015	01:53:30	1	0.0	8.35	173.1			
03/22/2015	01:55:00	-0	0.0	8.35	173.1			
03/22/2015	01:56:30	-0	0.0	8.35	173.1			
03/22/2015	01:56:52	0	0.0	8.35	173.1	60 BBLs Cement To Surface		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.4	N2	Mud	Maximum Rate 7.5		Total Slurry 167.0	Mud 0.0	Spacer 20.0	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5363	Final 0	Average 1225	Bump Plug to 2750	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 167.0 bbl	Displacement 172.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 60.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Brandon Patch			Schlumberger Supervisor Conley Jensen/ Lyle Hartsfield			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					



Service Quality Evaluation

Client:	Extraction Oil
Field:	Wattenberg
Rig:	Savanna 802
Well:	Martinez C5-5-6
Service Line:	Cementing
Job Type:	4.5 Liner

Service Order #:	
Date:	Mar/21/2015
Operating Time (hh:mm):	00:00
Client Rep:	Brandon Patch
Schlumberger Engineer:	Conley Jensen/ Lyle Hartsfield
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: