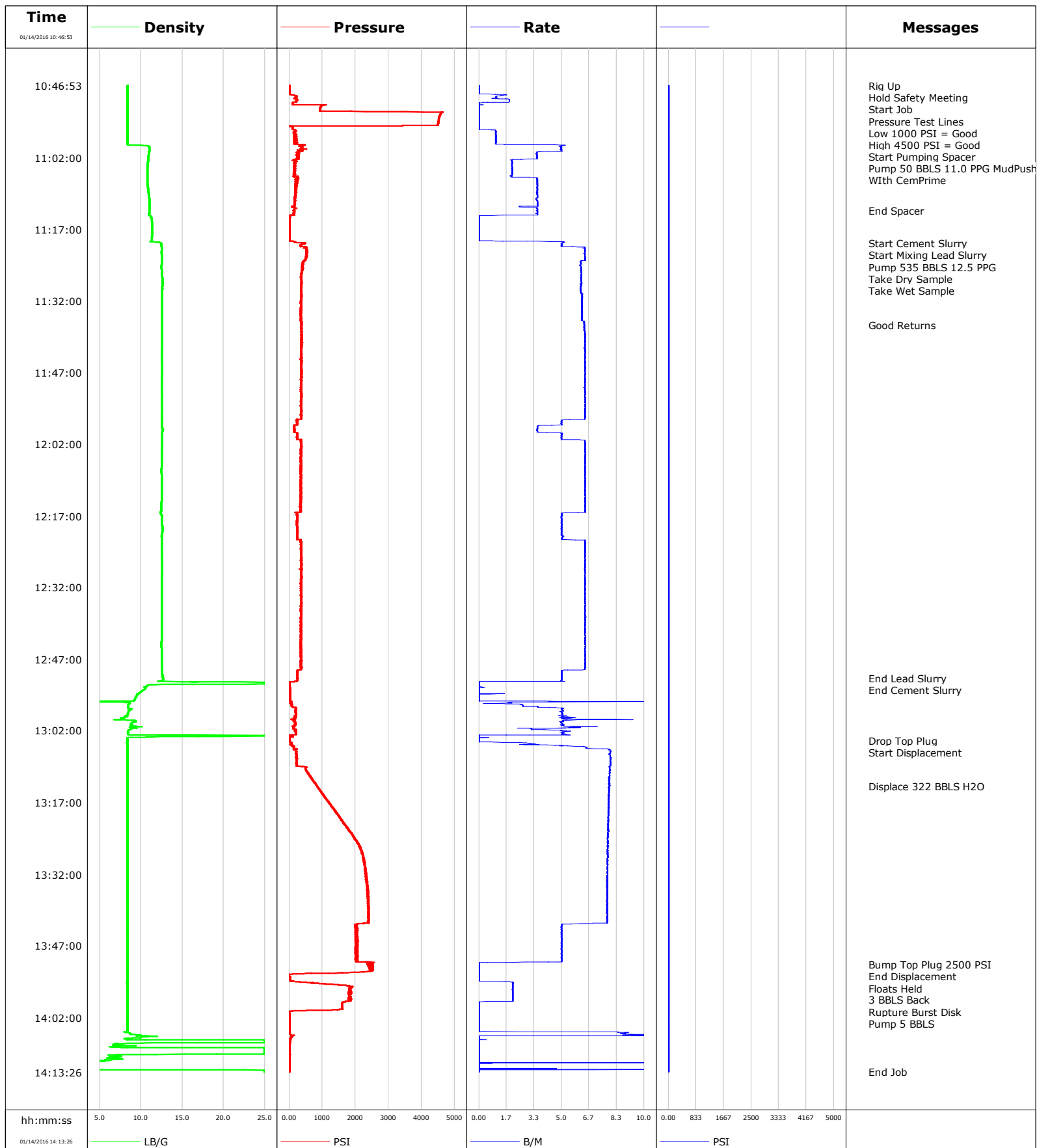
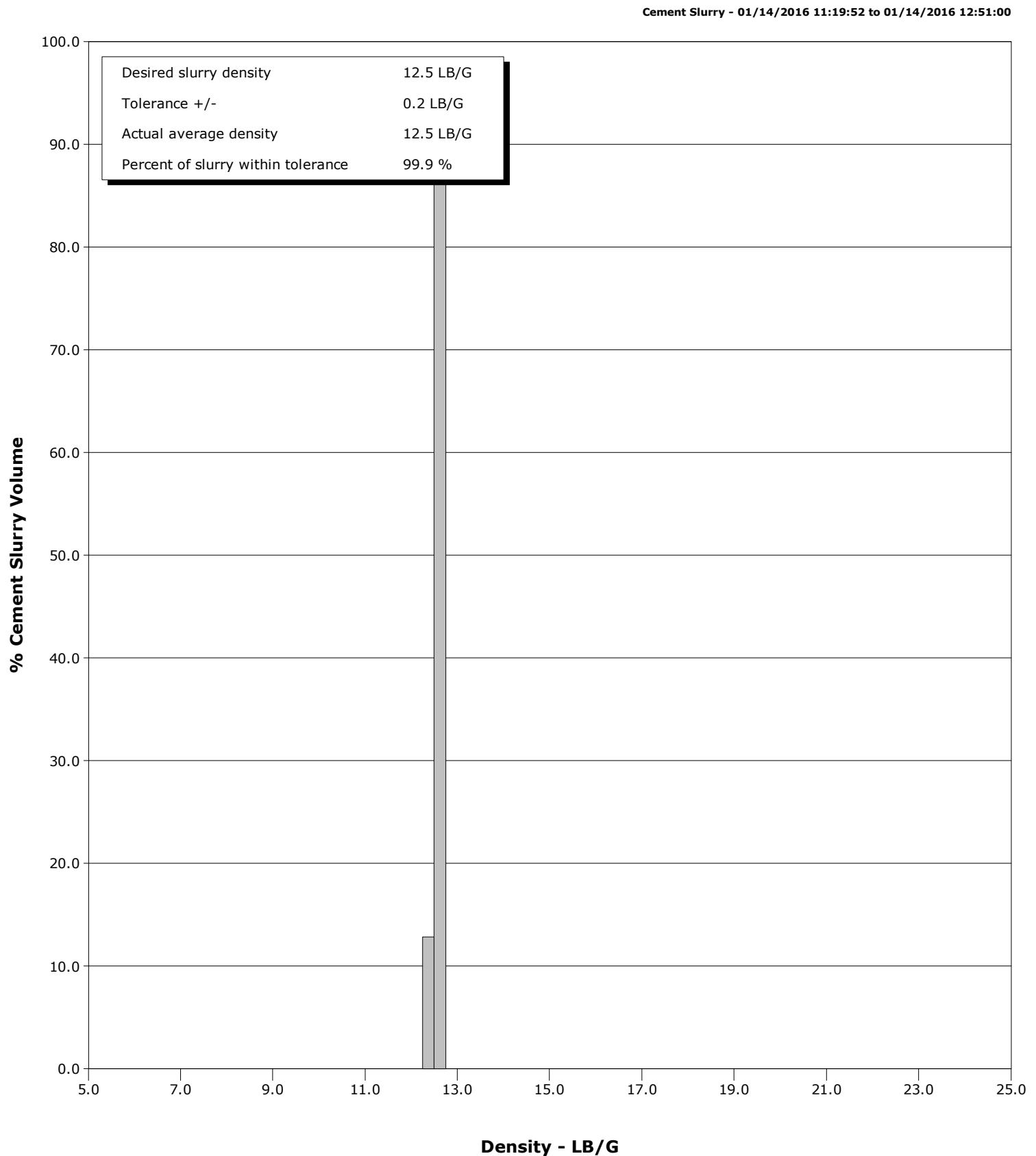


Well	Fairview 6	Client	Extraction
Field	Wattenberg	SIR No.	2231966
Engineer	Conley Jensen/ Stacy Terry	Job Type	5.5" Monobore
Country	United States	Job Date	01-14-2016



Well Fairview 6
Field Wattenberg
Engineer Conley Jensen/ Stacy Terry
Country United States

Client Extraction
SIR No. 2231966
Job Type 5.5" Monobore
Job Date 01-14-2016



Cementing Service Report

				Customer Extraction				Job Number 2231966			
Well Fairview 6 6			Location (legal)			Schlumberger Location CWY			Job Start Jan/14/2016		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 7.9 in		Well MD 14566.0 ft		Well TVD 6950.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 204 degF		BHCT 204 degF		Pore Press. Gradient lb/gal	
Well Master 0631637456		API/UWI 05123415190000									
Rig Name Savanna 802		Drilled For Oil		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		1500.0		9.6		36.0	
						14566.0		5.5		20.0	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
Service Line Cementing		Job Type 5.5" 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	
						ft		ft			
						ft		ft			
						Treat Down Casing		Displacement 322.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 323.0 bbl		Annular Vol. 475.0 bbl	
										Openhole Vol. 824.0 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 14566.0 ft				Tool Type			
No. Centralizers		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 Jan/14/2016 08:30		Arrived on Location Jan/14/2016 08:30		Leave Location Jan/14/2016 15:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 14524.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
01/14/2016	10:46:53	6	0.0	8.39	0.0	Started Acquisition					
01/14/2016	10:46:54	6	0.0	8.39	0.0	Rig Up					
01/14/2016	10:46:55	5	0.0	8.39	0.0	Hold Safety Meeting					
01/14/2016	10:46:57	5	0.0	8.39	0.0	Start Job					
01/14/2016	10:48:00	6	0.0	8.39	0.0	Pressure Test Lines					
01/14/2016	10:48:23	6	0.0	8.39	0.0						
01/14/2016	10:49:53	235	1.8	8.38	1.5						
01/14/2016	10:51:00	1053	0.0	8.39	2.5	Low 1000 PSI = Good					
01/14/2016	10:51:23	951	0.0	8.39	2.5						
01/14/2016	10:52:53	4582	0.0	8.39	2.5						
01/14/2016	10:53:00	4574	0.0	8.39	2.5	High 4500 PSI = Good					
01/14/2016	10:54:23	4521	0.0	8.38	2.5						
01/14/2016	10:55:53	96	0.0	8.39	2.5						
01/14/2016	10:57:23	161	1.0	8.39	1.2						
01/14/2016	10:58:53	241	1.0	8.39	2.7						
01/14/2016	10:59:00	199	1.0	8.39	2.8	Start Pumping Spacer					
01/14/2016	11:00:23	386	5.0	11.02	8.5						
01/14/2016	11:00:35	397	5.0	11.01	9.5	Pump 50 BBLs 11.0 PPG MudPush					
01/14/2016	11:00:50	298	3.5	10.98	10.6	With CemPrime					
01/14/2016	11:01:53	235	3.5	10.89	14.3						
01/14/2016	11:03:23	154	2.0	10.83	18.0						

Well			Field	Job Start		Customer		Job Number	
Fairview 6 6			Wattenberg		Jan/14/2016		Extraction		2231966
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/14/2016	11:06:23	295	3.5	10.75	24.3				
01/14/2016	11:07:53	243	3.6	10.82	29.7				
01/14/2016	11:09:23	186	3.5	10.93	35.0				
01/14/2016	11:10:53	172	3.5	11.00	40.2				
01/14/2016	11:12:23	124	3.0	11.05	45.4				
01/14/2016	11:13:00	142	3.5	11.05	47.6	End Spacer			
01/14/2016	11:13:53	144	3.6	10.98	50.7				
01/14/2016	11:15:23	13	0.0	11.34	51.4				
01/14/2016	11:16:53	12	0.0	11.37	0.0				
01/14/2016	11:18:23	12	0.0	11.35	0.0				
01/14/2016	11:19:52	471	5.1	12.42	1.7	Start Cement Slurry			
01/14/2016	11:19:53	468	5.0	12.43	1.8	Start Mixing Lead Slurry			
01/14/2016	11:19:56	495	5.0	12.43	2.0	Pump 535 BBLs 12.5 PPG			
01/14/2016	11:21:23	550	6.4	12.51	10.3				
01/14/2016	11:22:53	516	6.5	12.58	19.9				
01/14/2016	11:24:23	390	6.2	12.50	29.4				
01/14/2016	11:25:14	390	6.2	12.48	34.6	Take Dry Sample			
01/14/2016	11:25:19	399	6.2	12.49	35.1	Take Wet Sample			
01/14/2016	11:25:53	390	6.2	12.54	38.6				
01/14/2016	11:27:23	364	6.2	12.63	47.9				
01/14/2016	11:28:53	369	6.2	12.61	57.2				
01/14/2016	11:30:23	365	6.2	12.59	66.5				
01/14/2016	11:31:53	368	6.2	12.55	75.9				
01/14/2016	11:33:23	361	6.2	12.57	85.2				
01/14/2016	11:34:53	362	6.2	12.57	94.6				
01/14/2016	11:36:23	359	6.4	12.58	104.0				
01/14/2016	11:37:04	371	6.4	12.58	108.3	Good Returns			
01/14/2016	11:37:53	389	6.4	12.57	113.6				
01/14/2016	11:39:23	377	6.4	12.57	123.2				
01/14/2016	11:40:53	379	6.4	12.56	132.9				
01/14/2016	11:42:23	354	6.4	12.54	142.5				
01/14/2016	11:43:53	363	6.4	12.54	152.2				
01/14/2016	11:45:23	371	6.4	12.55	161.8				
01/14/2016	11:46:53	362	6.4	12.56	171.5				
01/14/2016	11:48:23	354	6.4	12.51	181.1				
01/14/2016	11:49:53	355	6.4	12.50	190.8				
01/14/2016	11:51:23	353	6.4	12.54	200.4				
01/14/2016	11:52:53	369	6.4	12.51	210.1				
01/14/2016	11:54:23	360	6.5	12.55	219.8				
01/14/2016	11:55:53	354	6.4	12.52	229.4				
01/14/2016	11:57:23	226	5.0	12.54	238.3				
01/14/2016	11:58:53	158	3.5	12.66	244.6				
01/14/2016	12:00:23	243	5.0	12.57	251.1				
01/14/2016	12:01:53	350	6.4	12.57	259.8				
01/14/2016	12:03:23	353	6.4	12.51	269.4				
01/14/2016	12:04:53	349	6.4	12.49	279.1				
01/14/2016	12:06:23	360	6.4	12.50	288.7				
01/14/2016	12:07:53	348	6.4	12.48	298.4				
01/14/2016	12:09:23	348	6.4	12.50	308.1				
01/14/2016	12:10:53	348	6.4	12.50	317.7				
01/14/2016	12:12:23	342	6.4	12.50	327.4				
01/14/2016	12:13:53	347	6.4	12.49	337.0				
01/14/2016	12:15:23	345	6.4	12.43	346.7				
01/14/2016	12:16:53	245	5.0	12.54	355.6				

Well			Field	Job Start		Customer		Job Number	
Fairview 6 6			Wattenberg		Jan/14/2016		Extraction		2231966
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/14/2016	12:19:53	235	5.0	12.61	370.6				
01/14/2016	12:21:23	237	5.1	12.50	378.1				
01/14/2016	12:22:53	365	6.4	12.53	386.9				
01/14/2016	12:24:23	357	6.4	12.53	396.5				
01/14/2016	12:25:53	363	6.4	12.54	406.2				
01/14/2016	12:27:23	361	6.4	12.57	415.8				
01/14/2016	12:28:53	358	6.4	12.56	425.5				
01/14/2016	12:30:23	359	6.4	12.52	435.2				
01/14/2016	12:31:53	344	6.4	12.52	444.8				
01/14/2016	12:33:23	356	6.4	12.54	454.5				
01/14/2016	12:34:53	368	6.4	12.54	464.1				
01/14/2016	12:36:23	356	6.4	12.53	473.8				
01/14/2016	12:37:53	351	6.5	12.54	483.4				
01/14/2016	12:39:23	368	6.4	12.54	493.1				
01/14/2016	12:40:53	361	6.4	12.54	502.7				
01/14/2016	12:42:23	355	6.4	12.53	512.4				
01/14/2016	12:43:53	344	6.4	12.47	522.0				
01/14/2016	12:45:23	343	6.4	12.53	531.7				
01/14/2016	12:46:53	358	6.4	12.53	541.4				
01/14/2016	12:48:23	348	6.5	12.52	551.0				
01/14/2016	12:49:53	231	5.0	12.55	559.8				
01/14/2016	12:51:00	236	5.0	12.71	565.4	End Lead Slurry			
01/14/2016	12:51:23	257	5.0	12.65	567.3				
01/14/2016	12:52:53	12	0.3	10.42	568.8				
01/14/2016	12:54:23	20	0.0	9.53	568.9				
01/14/2016	12:55:53	73	25.0	1.96	569.2				
01/14/2016	12:57:23	199	5.0	8.82	574.4				
01/14/2016	12:58:53	156	5.3	8.12	581.9				
01/14/2016	13:00:23	198	5.0	8.86	590.0				
01/14/2016	13:01:53	201	5.0	8.50	597.2				
01/14/2016	13:03:23	2	0.0	9.83	602.3				
01/14/2016	13:04:00	12	0.0	8.39	602.3	Drop Top Plug			
01/14/2016	13:04:53	12	2.5	8.38	1.5				
01/14/2016	13:06:23	210	8.0	8.39	11.3				
01/14/2016	13:07:53	215	8.0	8.38	23.3				
01/14/2016	13:09:23	216	8.0	8.39	35.2				
01/14/2016	13:10:53	574	7.9	8.39	47.1				
01/14/2016	13:12:23	714	7.9	8.39	59.0				
01/14/2016	13:13:38	842	7.9	8.39	68.9	Displace 322 BBLS H2O			
01/14/2016	13:13:53	879	7.9	8.39	70.8				
01/14/2016	13:15:23	1036	7.9	8.39	82.7				
01/14/2016	13:16:53	1179	7.9	8.39	94.5				
01/14/2016	13:18:23	1354	7.9	8.39	106.3				
01/14/2016	13:19:53	1497	7.8	8.40	118.0				
01/14/2016	13:21:23	1651	7.9	8.40	129.8				
01/14/2016	13:22:53	1820	7.8	8.39	141.6				
01/14/2016	13:24:23	1972	7.8	8.39	153.3				
01/14/2016	13:25:53	2111	7.8	8.39	165.0				
01/14/2016	13:27:23	2197	7.8	8.40	176.7				
01/14/2016	13:28:53	2255	7.8	8.40	188.4				
01/14/2016	13:30:23	2299	7.8	8.40	200.1				
01/14/2016	13:31:53	2316	7.8	8.39	211.8				
01/14/2016	13:33:23	2350	7.8	8.39	223.5				
01/14/2016	13:34:53	2381	7.8	8.40	235.2				

Well			Field		Job Start	Customer		Job Number
Fairview 6 6			Wattenberg		Jan/14/2016	Extraction		2231966
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/14/2016	13:37:53	2387	7.8	8.39	258.5			
01/14/2016	13:39:23	2402	7.8	8.39	270.2			
01/14/2016	13:40:53	2419	7.8	8.39	281.9			
01/14/2016	13:42:23	2240	6.4	8.39	293.5			
01/14/2016	13:43:53	2026	5.0	8.39	301.1			
01/14/2016	13:45:23	2010	5.0	8.39	308.6			
01/14/2016	13:46:53	2020	5.0	8.39	316.1			
01/14/2016	13:48:23	1996	5.0	8.39	323.6			
01/14/2016	13:49:53	2003	5.0	8.39	331.1			
01/14/2016	13:50:52	2527	0.0	8.40	334.0	Bump Top Plug 2500 PSI		
01/14/2016	13:51:23	2540	0.0	8.39	334.0			
01/14/2016	13:52:53	193	0.0	8.40	334.0			
01/14/2016	13:53:17	-3	0.0	8.40	334.0	Floats Held		
01/14/2016	13:53:18	-4	0.0	8.39	334.0	3 BBLS Back		
01/14/2016	13:54:23	85	0.4	8.39	334.0			
01/14/2016	13:55:53	1819	2.0	8.39	336.9			
01/14/2016	13:55:56	1859	2.0	8.39	337.0	Rupture Burst Disk		
01/14/2016	13:57:23	1844	2.0	8.39	340.0			
01/14/2016	13:58:53	1612	0.0	8.39	342.6			
01/14/2016	14:00:23	1461	0.0	8.39	342.6			
01/14/2016	14:01:53	4	0.0	8.39	342.6			
01/14/2016	14:03:23	6	0.0	8.39	342.6			
01/14/2016	14:04:53	7	0.0	8.40	342.6			
01/14/2016	14:06:23	57	0.0	8.34	350.6			
01/14/2016	14:07:53	12	0.0	7.45	350.6			
01/14/2016	14:09:23	10	0.0	25.00	350.6			
01/14/2016	14:10:53	9	0.0	6.24	350.6			
01/14/2016	14:12:23	9	0.0	0.03	351.9			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 5.9	N2	Mud	Maximum Rate 25.0		Total Slurry 535.0	Mud 0.0	Spacer 54.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 4665	Final 9	Average 703	Bump Plug to 2500	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %	Designed Slurry Volume 535.0 bbl		Displacement 322.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 100.0 bbl				
					Washed Thru Perfs <input type="checkbox"/>		To ft				
Customer or Authorized Representative Jose Torres			Schlumberger Supervisor Conley Jensen/ Stacy Terry			Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>				
						-	-				



Service Order #:	
Date:	Jan/14/2016
Operating Time (hh:mm):	00:00
Client Rep:	Jose Torres
Schlumberger Engineer:	Conley Jensen/ Stacy Terry
Schlumberger FSM:	

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

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%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: