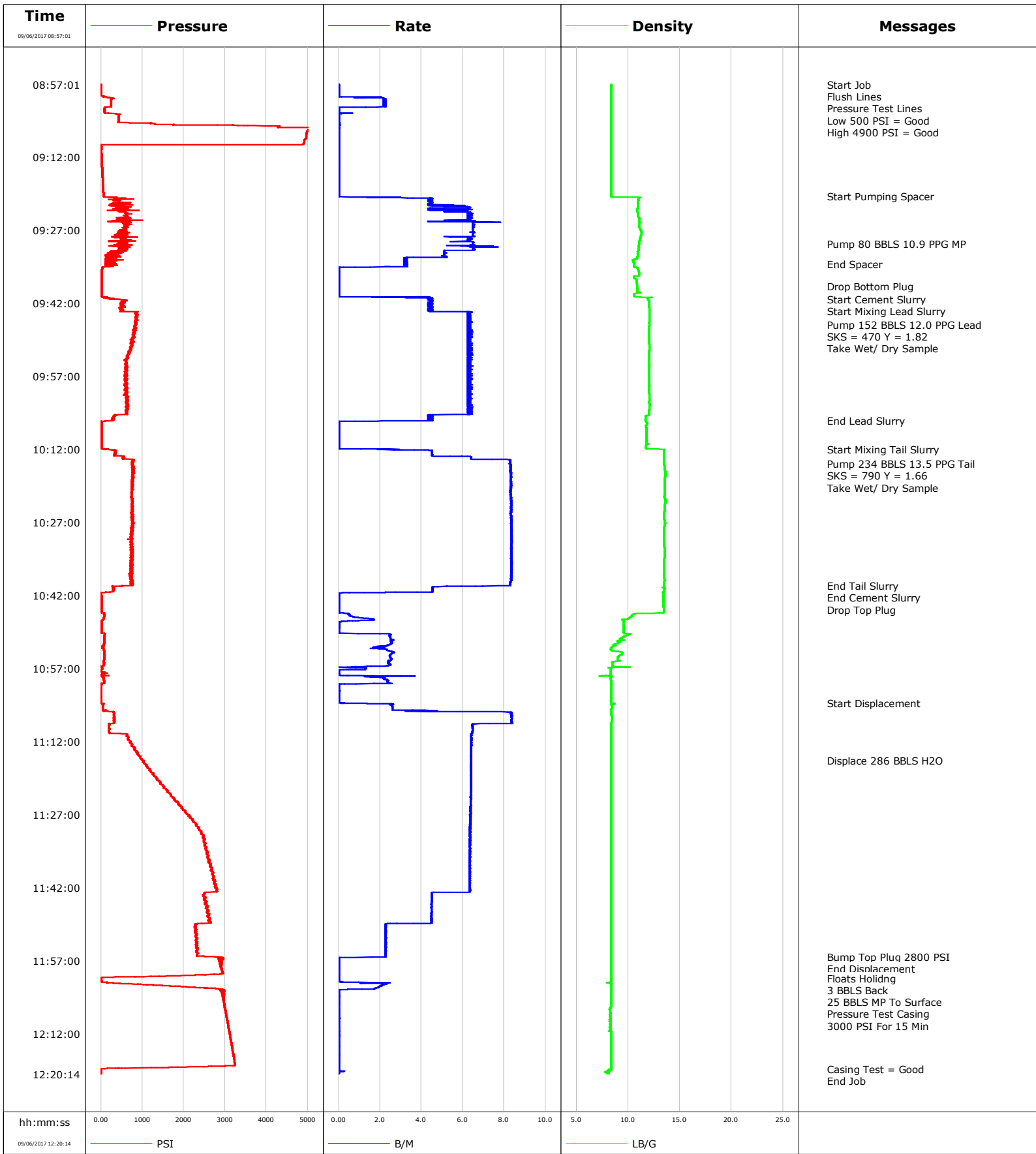


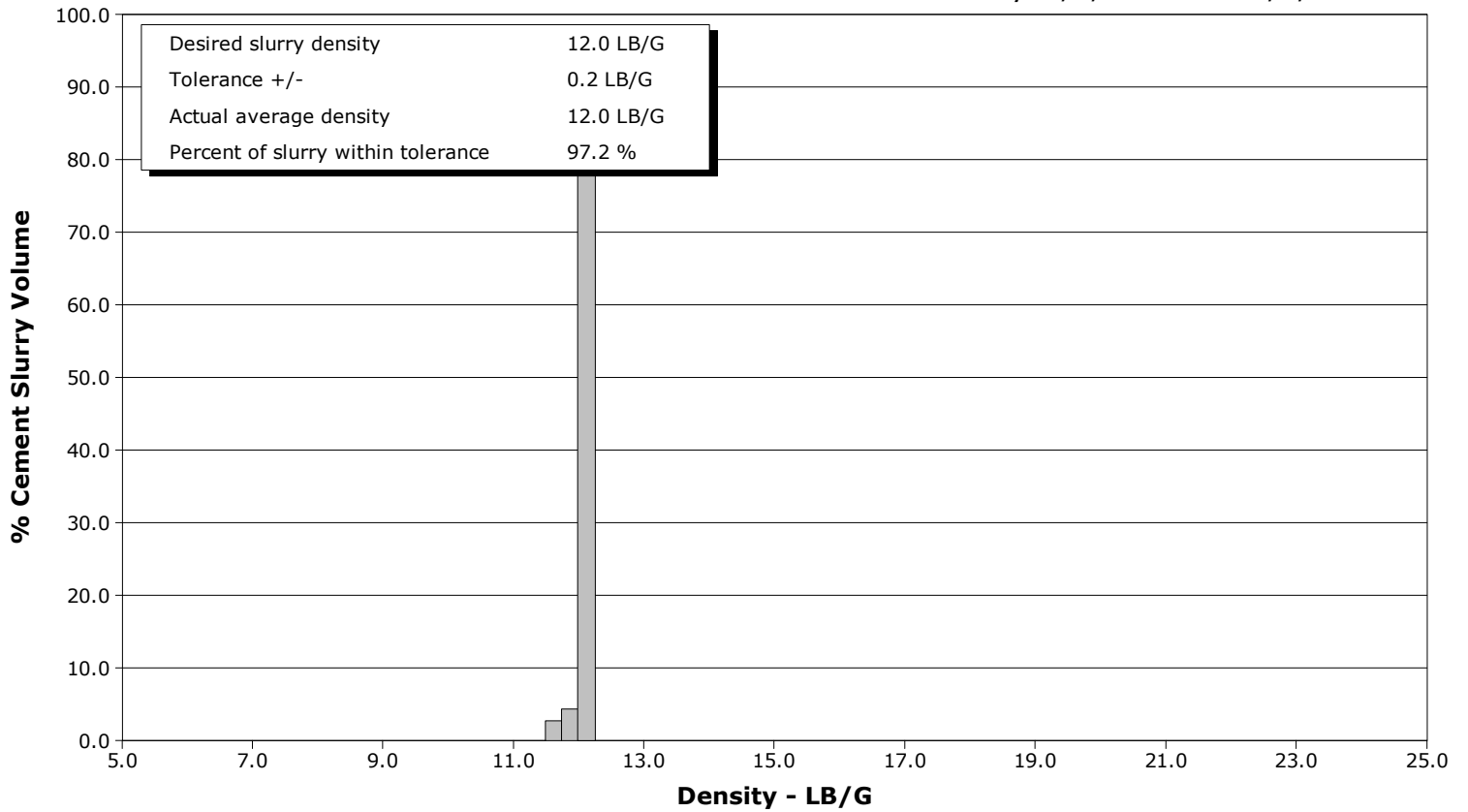
<b>Well</b>	Cannon 34N-33HZ	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	2569761
<b>Engineer</b>	Conley Jensen/ Sheldon Bell	<b>Job Type</b>	5.5" Monobore
<b>Country</b>	United States	<b>Job Date</b>	09-06-2017



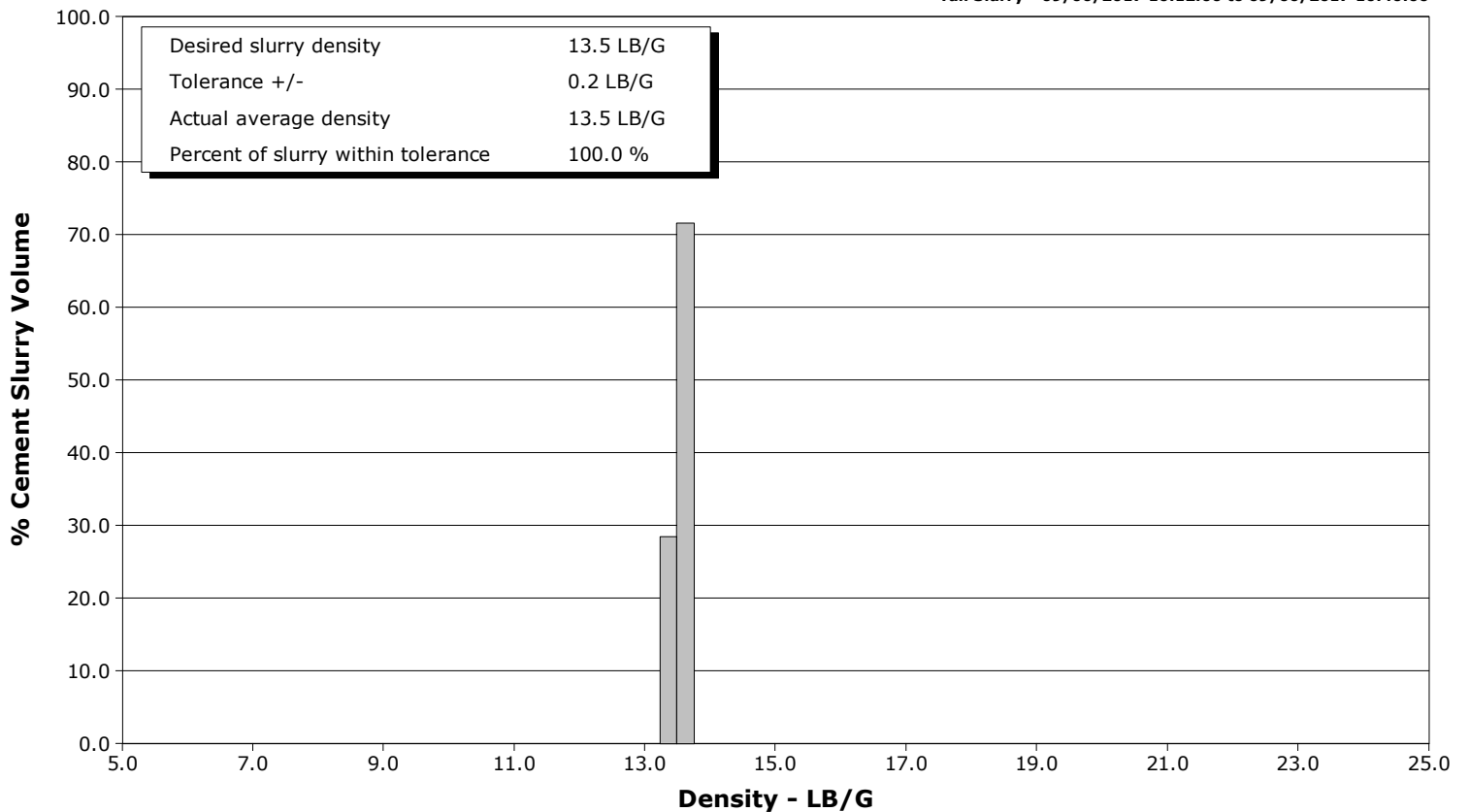
**Well** Cannon  
**Field** Wattenberg  
**Engineer** Conley Jensen/ Sheldon Bell  
**Country** United States

**Client** Anadarko  
**SIR No.** 2569761  
**Job Type** 5.5" Monobore  
**Job Date** 09-06-2017

**Lead Slurry - 09/06/2017 09:41:16 to 09/06/2017 10:06:00**



**Tail Slurry - 09/06/2017 10:12:00 to 09/06/2017 10:40:00**



				<b>Customer</b> Anadarko			<b>Job Number</b> 2569761											
<b>Well</b> Cannon 34N-33HZ			<b>Location (legal)</b>			<b>Schlumberger Location</b> CWY			<b>Job Start</b> Sep/06/2017									
<b>Field</b> Wattenberg		<b>Formation Name/Type</b> Shale			<b>Deviation</b> deg		<b>Bit Size</b> 7.9 in		<b>Well MD</b> 12974.0 ft		<b>Well TVD</b> 7084.0 ft							
<b>County</b>			<b>State/Province</b> Colorado			<b>BHP</b> psi		<b>BHST</b> 223 degF		<b>BHCT</b> 218 degF		<b>Pore Press. Gradient</b> lb/gal						
<b>Well Master</b> 0631719912			<b>API/UWI</b> 05123447940000															
<b>Rig Name</b> Precision 564		<b>Drilled For</b> Oil		<b>Service Via</b> Land		<b>Casing/Liner</b>												
						<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		<b>Thread</b>				
<b>Offshore Zone</b>		<b>Well Class</b> New		<b>Well Type</b> Development		1887.0		9.6		36.0		J55		8RD				
						12974.0		5.5		20.0		P110		8RD				
<b>Drilling Fluid Type</b>			<b>Max. Density</b> lb/gal		<b>Plastic Viscosity</b> cP		<b>Tubing/Drill Pipe</b>											
							<b>T/D</b>		<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		<b>Thread</b>	
<b>Service Line</b> Cementing		<b>Job Type</b> 5.5" Monobore																
<b>Max. Allowed Tub. Press</b> psi		<b>Max. Allowed Ann. Press</b> psi		<b>WH Connection</b> Double Cement head		<b>Perforations/Open Hole</b>												
						<b>Top, ft</b>		<b>Bottom, ft</b>		<b>shot/ft</b>		<b>No. of Shots</b>		<b>Total Interval</b> ft				
						ft		ft						ft				
						ft		ft						<b>Diameter</b> in				
						ft		ft						in				
<b>Service Instructions</b> Perform 5.5" Monobore Per Proposal Design.							<b>Treat Down</b> Casing		<b>Displacement</b> 286.0 bbl		<b>Packer Type</b>		<b>Packer Depth</b> ft					
							Tubing Vol. bbl		Casing Vol. 288.0 bbl		Annular Vol. 433.0 bbl		Openhole Vol. 752.0 bbl					
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>			<b>1 Hole Vol. Circulated prior to Cement</b> <input checked="" type="checkbox"/>			<b>Casing Tools</b>			<b>Squeeze Job</b>									
<b>Lift Pressure</b> psi						<b>Shoe Type</b> Float			<b>Squeeze Type</b>									
<b>Pipe Rotated</b> <input type="checkbox"/>			<b>Pipe Reciprocated</b> <input type="checkbox"/>			<b>Shoe Depth</b> 12974.0 ft			<b>Tool Type</b>									
<b>No. Centralizers</b>			<b>Top Plugs</b> 1		<b>Bottom Plugs</b> 1		<b>Stage Tool Type</b>			<b>Tool Depth</b> ft								
<b>Cement Head Type</b> Double						<b>Stage Tool Depth</b> ft			<b>Tail Pipe Size</b> in									
<b>Job Scheduled For</b> Sep/06/2017 06:00		<b>Arrived on Location</b> Sep/06/2017 06:00		<b>Leave Location</b> Sep/06/2017 14:00		<b>Collar Type</b> Float			<b>Tail Pipe Depth</b> ft									
						<b>Collar Depth</b> 12884.0 ft			<b>Sqz. Total Vol.</b> bbl									
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
09/06/2017	08:57:01	11	0.0	8.38	0.0	Started Acquisition												
09/06/2017	08:57:03	11	0.0	8.38	0.0	Start Job												
09/06/2017	08:57:09	11	0.0	8.38	0.0	Flush Lines												
09/06/2017	08:59:00	10	0.0	8.38	0.0	Pressure Test Lines												
09/06/2017	08:59:01	10	0.0	8.38	0.0													
09/06/2017	09:01:01	248	2.3	8.38	2.9													
09/06/2017	09:03:00	370	0.2	8.36	4.6	Low 500 PSI = Good												
09/06/2017	09:03:01	378	0.1	8.36	4.6													
09/06/2017	09:05:01	1207	0.0	8.36	4.6													
09/06/2017	09:06:00	5126	0.0	8.36	4.6	High 4900 PSI = Good												
09/06/2017	09:07:01	4968	0.0	8.36	4.6													
09/06/2017	09:09:01	4904	0.0	8.36	4.6													
09/06/2017	09:11:01	12	0.0	8.37	4.6													
09/06/2017	09:13:01	19	0.0	8.37	0.0													
09/06/2017	09:15:01	29	0.0	8.37	0.0													
09/06/2017	09:17:01	43	0.0	8.37	0.0													
09/06/2017	09:19:01	58	0.0	8.37	0.0													
09/06/2017	09:20:00	67	0.0	8.37	0.0	Start Pumping Spacer												
09/06/2017	09:21:01	441	4.5	10.98	3.3													
09/06/2017	09:23:01	482	5.4	10.86	13.3													
09/06/2017	09:25:01	433	4.9	11.10	25.7													

Well Cannon 34N-33HZ			Field Wattenberg		Job Start Sep/06/2017	Customer Anadarko		Job Number 2569761
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
09/06/2017	09:29:01	553	6.3	11.13	51.2			
09/06/2017	09:29:42	478	6.1	11.05	55.5	Pump 80 BBLs 10.9 PPG MP		
09/06/2017	09:31:01	632	6.2	11.01	64.0			
09/06/2017	09:33:01	127	2.7	10.51	73.6			
09/06/2017	09:34:00	105	2.9	10.55	76.8	End Spacer		
09/06/2017	09:35:01	25	0.0	10.96	78.6			
09/06/2017	09:37:01	17	0.0	10.78	78.6			
09/06/2017	09:38:29	16	0.0	10.87	78.6	Drop Bottom Plug		
09/06/2017	09:39:01	17	0.0	10.89	78.6			
09/06/2017	09:41:01	314	4.4	11.86	79.8			
09/06/2017	09:41:13	403	4.3	11.94	80.7	Start Cement Slurry		
09/06/2017	09:41:16	542	4.4	11.95	80.9	Start Mixing Lead Slurry		
09/06/2017	09:43:01	475	4.4	12.06	88.7			
09/06/2017	09:45:01	842	6.3	12.05	100.0			
09/06/2017	09:46:21	832	6.3	12.04	108.4	Pump 152 BBLs 12.0 PPG Lead		
09/06/2017	09:46:31	808	6.3	12.04	109.5	SKS = 470 Y = 1.82		
09/06/2017	09:46:45	808	6.4	12.03	110.9	Take Wet/ Dry Sample		
09/06/2017	09:47:01	849	6.4	12.03	112.6			
09/06/2017	09:49:01	808	6.4	12.00	125.2			
09/06/2017	09:51:01	732	6.4	12.05	137.9			
09/06/2017	09:53:01	650	6.4	12.03	150.5			
09/06/2017	09:55:01	635	6.4	12.03	163.1			
09/06/2017	09:57:01	580	6.4	12.00	175.7			
09/06/2017	09:59:01	607	6.4	12.05	188.4			
09/06/2017	10:01:01	641	6.4	12.07	201.0			
09/06/2017	10:03:01	655	6.4	12.06	213.6			
09/06/2017	10:05:01	375	4.5	11.99	226.0			
09/06/2017	10:06:00	306	4.5	11.65	230.3	End Lead Slurry		
09/06/2017	10:07:01	14	0.0	11.76	231.1			
09/06/2017	10:09:01	17	0.0	11.77	231.1			
09/06/2017	10:11:01	16	0.0	11.78	231.1			
09/06/2017	10:12:00	98	2.0	13.51	231.2	Start Mixing Tail Slurry		
09/06/2017	10:13:01	354	4.5	13.44	235.6			
09/06/2017	10:14:57	746	8.3	13.43	248.9	Pump 234 BBLs 13.5 PPG Tail		
09/06/2017	10:15:01	759	8.3	13.44	249.5			
09/06/2017	10:15:21	790	8.3	13.53	252.2	SKS = 470 Y = 1.82		
09/06/2017	10:15:45	781	8.3	13.53	255.6	Take Wet/ Dry Sample		
09/06/2017	10:17:01	755	8.3	13.57	266.1			
09/06/2017	10:19:01	742	8.3	13.53	282.7			
09/06/2017	10:21:01	752	8.3	13.52	299.4			
09/06/2017	10:23:01	763	8.3	13.58	316.0			
09/06/2017	10:25:01	746	8.3	13.49	332.7			
09/06/2017	10:27:01	794	8.3	13.56	349.3			
09/06/2017	10:29:01	728	8.4	13.48	366.0			
09/06/2017	10:31:01	760	8.4	13.48	382.7			
09/06/2017	10:33:01	730	8.4	13.54	399.4			
09/06/2017	10:35:01	763	8.4	13.51	416.1			
09/06/2017	10:37:01	748	8.3	13.51	432.7			
09/06/2017	10:39:01	718	8.3	13.51	449.4			
09/06/2017	10:40:00	748	8.2	13.51	457.6	End Tail Slurry		
09/06/2017	10:41:00	306	4.5	13.44	462.4	End Cement Slurry		
09/06/2017	10:41:01	301	4.5	13.43	462.5			
09/06/2017	10:43:01	15	0.0	13.40	464.1			
09/06/2017	10:45:00	16	0.0	13.44	464.1	Drop Top Plug		

Well Cannon 34N-33HZ			Field Wattenberg		Job Start Sep/06/2017	Customer Anadarko	Job Number 2569761
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
09/06/2017	10:47:01	51	1.7	9.44	465.4		
09/06/2017	10:49:01	14	0.0	9.58	465.7		
09/06/2017	10:51:01	80	2.6	9.23	468.7		
09/06/2017	10:53:01	68	2.3	8.32	473.4		
09/06/2017	10:55:01	76	2.5	8.99	478.4		
09/06/2017	10:57:01	27	1.3	8.37	482.6		
09/06/2017	10:59:01	60	2.2	8.30	484.0		
09/06/2017	11:01:01	10	0.0	8.36	486.6		
09/06/2017	11:03:01	10	0.0	8.36	486.6		
09/06/2017	11:04:00	10	0.0	8.36	486.6		Start Displacement
09/06/2017	11:05:01	42	2.6	8.40	488.8		
09/06/2017	11:07:01	324	8.3	8.40	501.2		
09/06/2017	11:09:01	193	6.5	8.37	516.5		
09/06/2017	11:11:01	650	6.4	8.37	529.4		
09/06/2017	11:13:01	773	6.4	8.37	542.2		
09/06/2017	11:15:01	945	6.4	8.37	555.0		
09/06/2017	11:15:50	1014	6.4	8.37	560.3		Displace 286 BBLS H2O
09/06/2017	11:17:01	1094	6.4	8.37	567.8		
09/06/2017	11:19:01	1278	6.4	8.37	580.6		
09/06/2017	11:21:01	1498	6.4	8.37	593.4		
09/06/2017	11:23:01	1691	6.4	8.37	606.2		
09/06/2017	11:25:01	1889	6.4	8.37	618.9		
09/06/2017	11:27:01	2128	6.4	8.37	631.7		
09/06/2017	11:29:01	2308	6.4	8.36	644.4		
09/06/2017	11:31:01	2426	6.3	8.37	657.1		
09/06/2017	11:33:01	2516	6.3	8.37	669.8		
09/06/2017	11:35:01	2552	6.3	8.37	682.5		
09/06/2017	11:37:01	2644	6.3	8.37	695.1		
09/06/2017	11:39:01	2707	6.3	8.37	707.8		
09/06/2017	11:41:01	2730	6.4	8.37	720.5		
09/06/2017	11:43:01	2525	4.5	8.37	733.0		
09/06/2017	11:45:01	2535	4.5	8.37	742.0		
09/06/2017	11:47:01	2558	4.5	8.37	751.0		
09/06/2017	11:49:01	2643	4.5	8.37	760.0		
09/06/2017	11:51:01	2288	2.3	8.37	765.2		
09/06/2017	11:53:01	2318	2.3	8.37	769.8		
09/06/2017	11:55:01	2304	2.3	8.37	774.3		
09/06/2017	11:56:10	2706	2.3	8.36	776.9		Bump Top Plug 2800 PSI
09/06/2017	11:56:11	2743	2.3	8.37	776.9		End Displacement
09/06/2017	11:57:01	2852	0.0	8.37	777.2		
09/06/2017	11:59:01	2930	0.0	8.37	777.2		
09/06/2017	12:00:34	7	0.0	8.37	777.2		Floats Holdng
09/06/2017	12:00:45	8	0.0	8.37	777.2		25 BBLS MP To Surface
09/06/2017	12:01:01	14	0.0	8.37	777.2		
09/06/2017	12:03:00	2996	0.0	8.36	780.0		Pressure Test Casing
09/06/2017	12:03:01	2886	0.0	8.36	780.0		3000 PSI For 15 Min
09/06/2017	12:05:01	2980	0.0	8.36	780.0		
09/06/2017	12:07:01	2998	0.0	8.24	780.0		
09/06/2017	12:09:01	3046	0.0	8.32	780.0		
09/06/2017	12:11:01	3088	0.0	8.30	780.1		
09/06/2017	12:13:01	3130	0.0	8.36	780.1		
09/06/2017	12:15:01	3171	0.0	8.36	780.1		
09/06/2017	12:17:01	3212	0.0	8.36	780.2		
09/06/2017	12:19:01	587	0.0	8.36	780.2		

<b>Well</b> Cannon 34N-33HZ	<b>Field</b> Wattenberg	<b>Job Start</b> Sep/06/2017	<b>Customer</b> Anadarko	<b>Job Number</b> 2569761
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 5.0	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 8.4	<b>Total Slurry</b> 784.9	<b>Mud</b> 0.0	<b>Spacer</b> 83.2	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 5127	<b>Final</b> 11	<b>Average</b> 1109	<b>Bump Plug to</b> 2800	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 386.0 bbl	<b>Displacement</b> 256.3 bbl	<b>Mix Water Temp</b> 75 degF	<b>Cement Circulated to Surface?</b> <input type="checkbox"/>	<b>Volume</b> bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b> Joe Wallen			<b>Schlumberger Supervisor</b> Conley Jensen/ Sheldon Bell		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		



# Service Quality Evaluation

<b>Client:</b>	Anadarko
<b>Field:</b>	Wattenberg
<b>Rig:</b>	Precision 564
<b>Well:</b>	Cannon
<b>Service Line:</b>	Cementing
<b>Job Type:</b>	5.5" Monobore

<b>Service Order #:</b>	
<b>Date:</b>	Sep/06/2017
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	Joe Wallen
<b>Schlumberger Engineer:</b>	Conley Jensen/ Sheldon Bell
<b>Schlumberger FSM:</b>	

**Main Objective:**

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

		Score	Yes / No		Result
<b>1</b>	<b>HSE</b>				
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%

<b>2</b>	<b>Design / Preparation</b>				
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%

<b>3</b>	<b>Execution</b>				
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%

<b>4</b>	<b>Evaluation</b>				
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.)

<b>Client:</b>	<b>Schlumberger:</b>
<b>Client Signature:</b>	<b>Schlumberger Signature:</b>