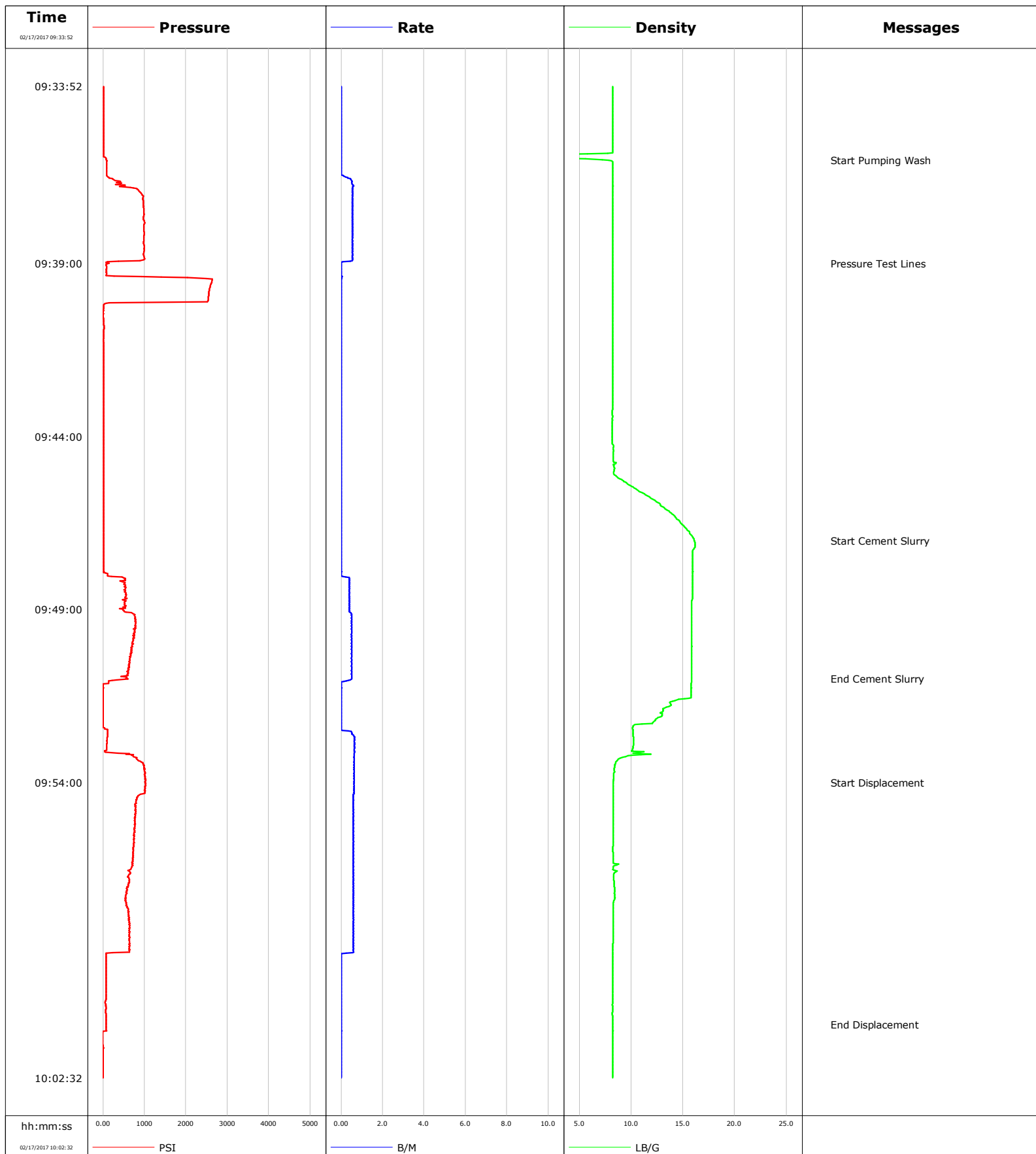


**Well** UPRC 5-160  
**Field** DJ  
**Engineer** Scot Thornton  
**Country** United States

**Client** Anadarko  
**SIR No.** DA6t-00561  
**Job Type** Nio  
**Job Date** 02-17-2017



# Cementing Service Report

				Customer Anadarko			Job Number DA6t-00561						
Well UPRC 5-160			Location (legal)			Schlumberger Location			Job Start Feb/17/2017				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft		
County		State/Province Colorado			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal		
Well Master		API/UWI											
Rig Name		Drilled For N/A		Service Via Land		Casing/ Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
Offshore Zone		Well Class Old		Well Type Workover									
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in		Weight, lb/ft	
Service Line Cementing		Job Type Nio				T		7070.0		2.1		3.3	
								0.0		0.0		0.0	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft					
						ft		ft				Diameter in	
						Treat Down Tubing		Displacement bbl		Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 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				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth		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 Feb/17/2017 09:00		Arrived on Location Feb/17/2017 09:00		Leave Location Feb/17/2017 11:00		Collar Type				Tail Pipe Depth		ft	
						Collar Depth		ft		Sqz. Total Vol.		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message							
02/17/2017	09:33:52	17	0.0	8.23	10	Started Acquisition							
02/17/2017	09:36:00	81	0.0	7.24	5	Start Pumping Wash							
02/17/2017	09:37:52	997	0.6	8.24	5								
02/17/2017	09:39:00	155	0.0	8.22	5	Pressure Test Lines							
02/17/2017	09:39:52	2558	0.0	8.22	5								
02/17/2017	09:41:52	13	0.0	8.22	10								
02/17/2017	09:43:52	13	0.0	8.20	10								
02/17/2017	09:45:52	13	0.0	12.35	10								
02/17/2017	09:47:00	13	0.0	16.10	10	Start Cement Slurry							
02/17/2017	09:47:52	13	0.0	15.93	10								
02/17/2017	09:49:52	741	0.5	15.83	5								
02/17/2017	09:51:00	562	0.5	15.82	5	End Cement Slurry							
02/17/2017	09:51:52	4	0.0	13.08	10								
02/17/2017	09:53:52	1024	0.6	8.31	5								
02/17/2017	09:54:00	1024	0.6	8.29	5	Start Displacement							
02/17/2017	09:55:52	745	0.6	8.25	5								
02/17/2017	09:57:52	612	0.6	8.27	5								
02/17/2017	09:59:52	72	0.0	8.23	5								
02/17/2017	10:01:00	72	0.0	8.22	5	End Displacement							

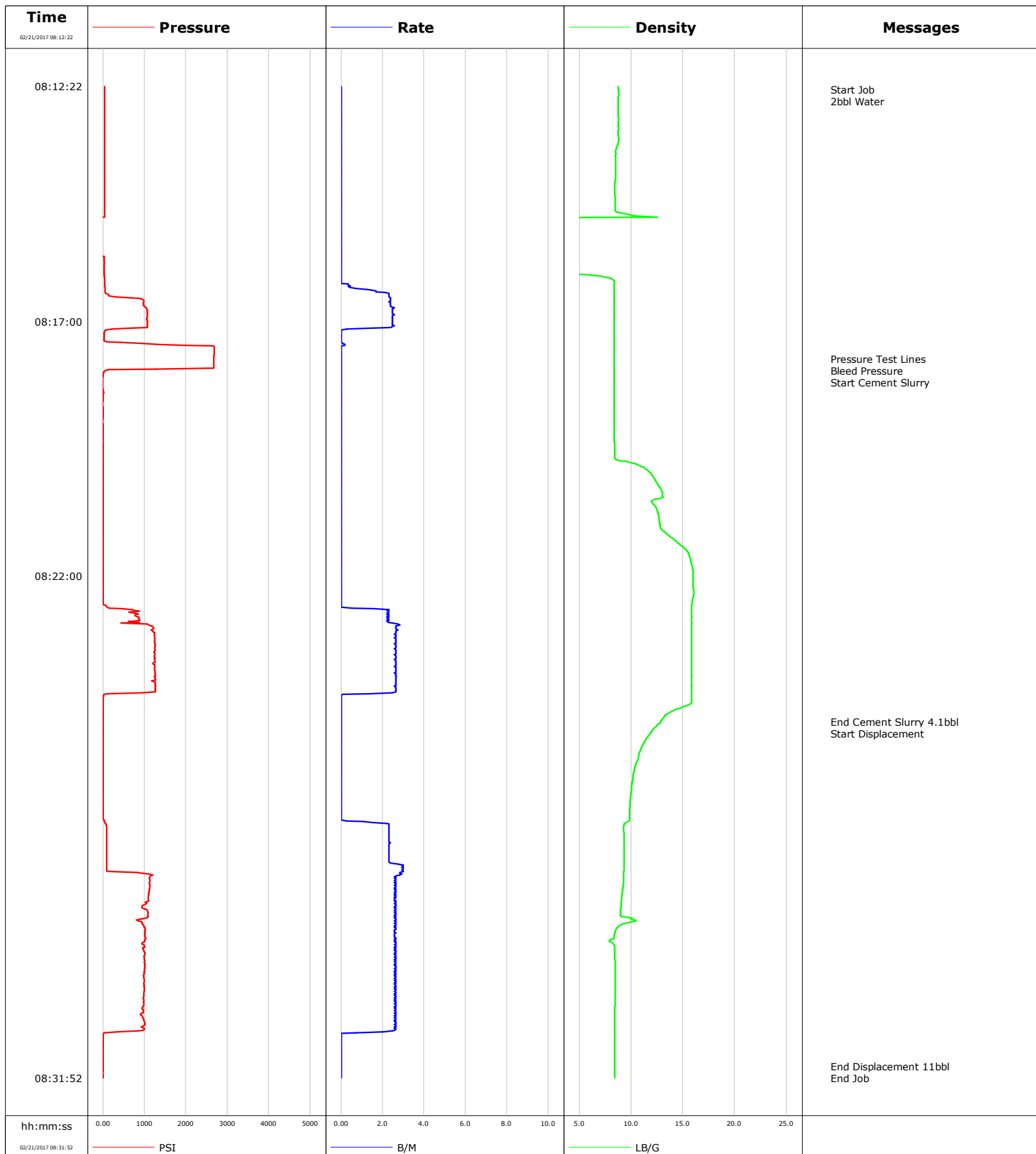
<b>Well</b>	<b>Field</b>	<b>Job Start</b>	<b>Customer</b>	<b>Job Number</b>
UPRC 5-160	DJ	Feb/17/2017	Anadarko	DA6t-00561

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 1.5	N2	Mud	Maximum Rate 4.0		Total Slurry 5.0	Mud 0.0	Spacer 5.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 2636	Final 8	Average 377	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 17.7 bbl	Mix Water Temp degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
							Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
Sterling Metzger			Scot Thornton			-		-	

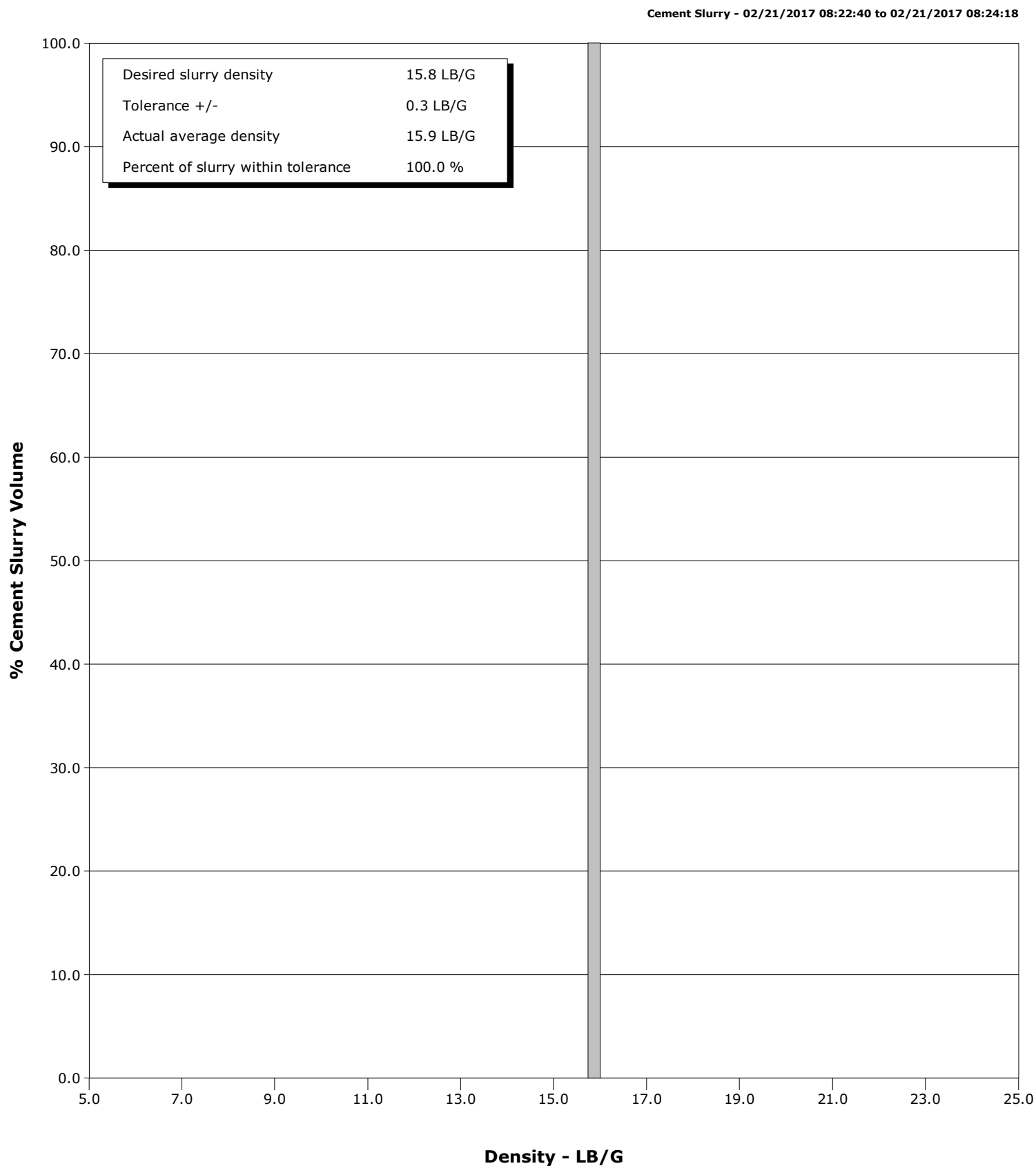
**Well** UPRC  
**Field** DJ  
**Engineer** Chris Valerio  
**Country** United States

**Client** Anadarko  
**SIR No.** DA6T-00582  
**Job Type** Sussex Plug  
**Job Date** 02-21-2017



**Well** UPRC  
**Field** DJ  
**Engineer** Chris Valerio  
**Country** United States

**Client** Anadarko  
**SIR No.** DA6T-00582  
**Job Type** Sussex Plug  
**Job Date** 02-21-2017



# Cementing Service Report

				Customer Anadarko			Job Number DA6T-00582				
Well UPRC 5-160			Location (legal)			Schlumberger Location			Job Start Feb/21/2017		
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 4595.0 ft		Well TVD 4595.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 165 degF		BHCT 155 degF		Pore Press. Gradient lb/gal	
Well Master 0631283281		API/UWI 512317838									
Rig Name Concord #6		Drilled For N/A		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Workover		4595.0		3.5		7.7	
						0.0		0.0		0.0	
Drilling Fluid Type Other		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 Sussex Plug				T		4595.0		2.1	
										3.3	
										J55	
										8RD	
Max. Allowed Tub. Press 1500 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval	
						ft		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
						Treat Down Tubing		Displacement 11.0 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. 13.6 bbl		Casing Vol. 41.9 bbl		Annular Vol. 22.9 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			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 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 Feb/21/2017 07:00		Arrived on Location Feb/21/2017 07:15		Leave Location Feb/21/2017 09:00		Collar Type			Tail Pipe Depth ft		
						Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message					
02/21/2017	08:12:22	45	0.0	8.76	0.0	Started Acquisition					
02/21/2017	08:12:26	45	0.0	8.77	0.0	Start Job					
02/21/2017	08:12:35	45	0.0	8.77	0.0	2bbl Water					
02/21/2017	08:17:22	27	0.0	8.38	1.9						
02/21/2017	08:17:44	2677	0.0	8.38	1.9	Pressure Test Lines					
02/21/2017	08:17:58	54	0.0	8.38	1.9	Bleed Pressure					
02/21/2017	08:18:07	-1	0.0	8.38	0.0	Start Cement Slurry					
02/21/2017	08:22:22	4	0.0	16.04	0.0						
02/21/2017	08:24:52	4	0.0	12.85	4.3	End Cement Slurry 4.1bbl					
02/21/2017	08:24:58	4	0.0	12.42	0.0	Start Displacement					
02/21/2017	08:27:22	86	2.3	9.35	1.2						
02/21/2017	08:31:38	4	0.0	8.41	10.6	End Displacement 11bbl					

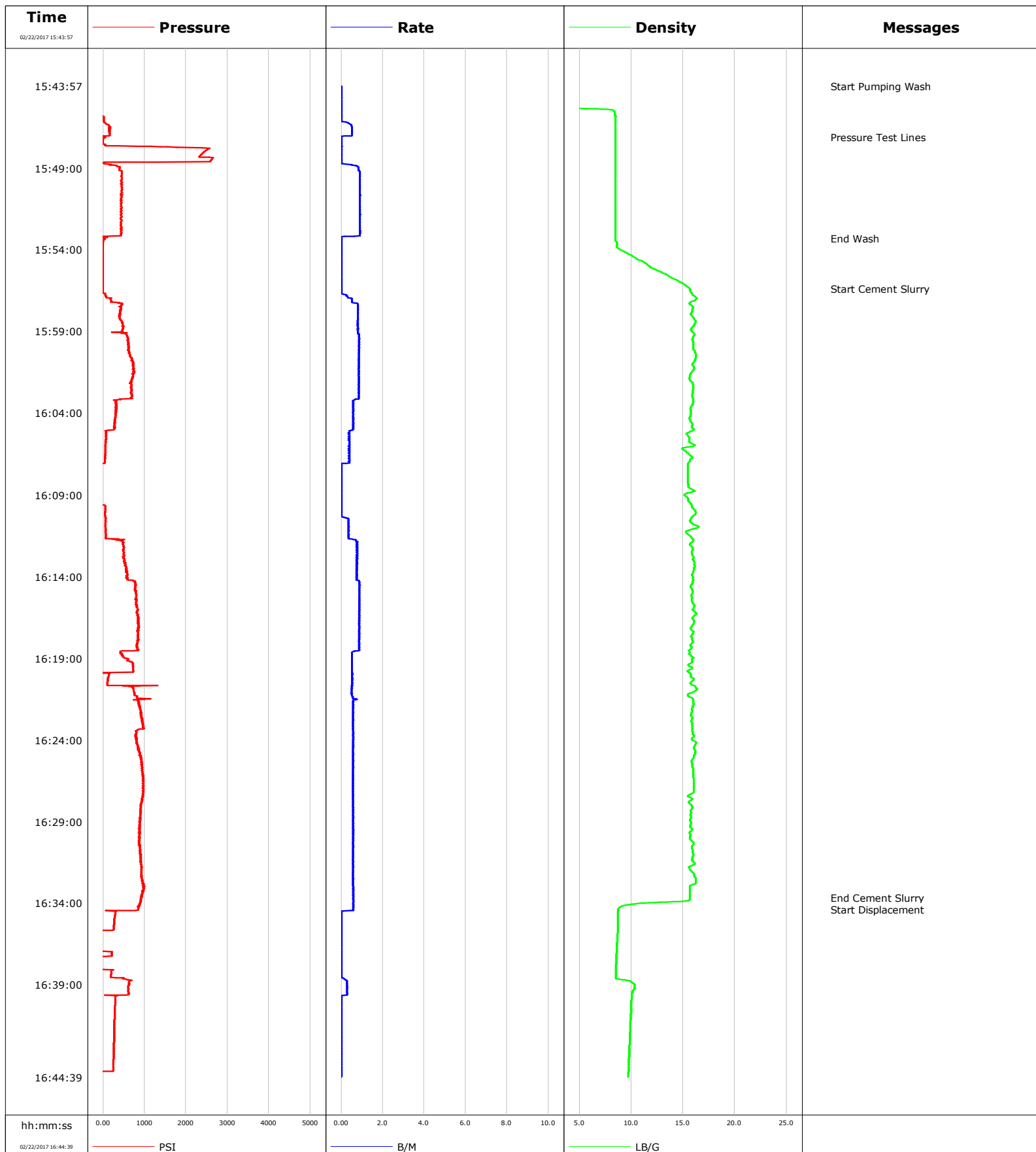
<b>Well</b> UPRC 5-160	<b>Field</b> DJ	<b>Job Start</b> Feb/21/2017	<b>Customer</b> Anadarko	<b>Job Number</b> DA6T-00582
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## Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 2.5	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 3.0	<b>Total Slurry</b> 4.1	<b>Mud</b> 0.0	<b>Spacer</b> 1.9	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 1306	<b>Final</b> 4	<b>Average</b> 403	<b>Bump Plug to</b>	<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> 4.1 bbl	<b>Displacement</b> 10.6 bbl	<b>Mix Water Temp</b> 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> Sterling Metzger			<b>Schlumberger Supervisor</b> Chris Valerio			<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>	
						-	-	

**Well** UPRC 5-160  
**Field** DJ  
**Engineer** Richard White  
**Country** United States

**Client** Anadarko  
**SIR No.** DA6T-00583  
**Job Type** Plug Abandon  
**Job Date** 02-22-2017





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Well			Field		Job Start	Customer		Job Number
UPRC 5-160 5-160			DJ		Feb/22/2017	Anadarko		DA6T-00583
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message		
02/22/2017	16:19:57	136	0.5	15.72	10			
02/22/2017	16:21:57	892	0.6	15.93	5			
02/22/2017	16:23:57	782	0.6	15.84	5			
02/22/2017	16:25:57	951	0.6	15.98	5			
02/22/2017	16:27:57	915	0.6	15.74	5			
02/22/2017	16:29:57	883	0.6	15.67	5			
02/22/2017	16:31:57	919	0.6	15.68	5			
02/22/2017	16:33:40	933	0.6	15.64	5	End Cement Slurry		
02/22/2017	16:33:57	915	0.6	12.83	5			
02/22/2017	16:34:00	883	0.6	11.32	5	Start Displacement		
02/22/2017	16:35:57	-42	0.0	8.68	5			
02/22/2017	16:37:57	-42	0.0	8.53	5			
02/22/2017	16:39:57	292	0.0	10.02	5			
02/22/2017	16:41:57	269	0.0	9.88	5			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 0.7	N2	Mud	Maximum Rate 0.9		Total Slurry 82.8	Mud 0.0	Spacer 15.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2654	Final -47	Average 587	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 1.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Sterling Metzger			Schlumberger Supervisor Richard White			Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>	
						-	-	