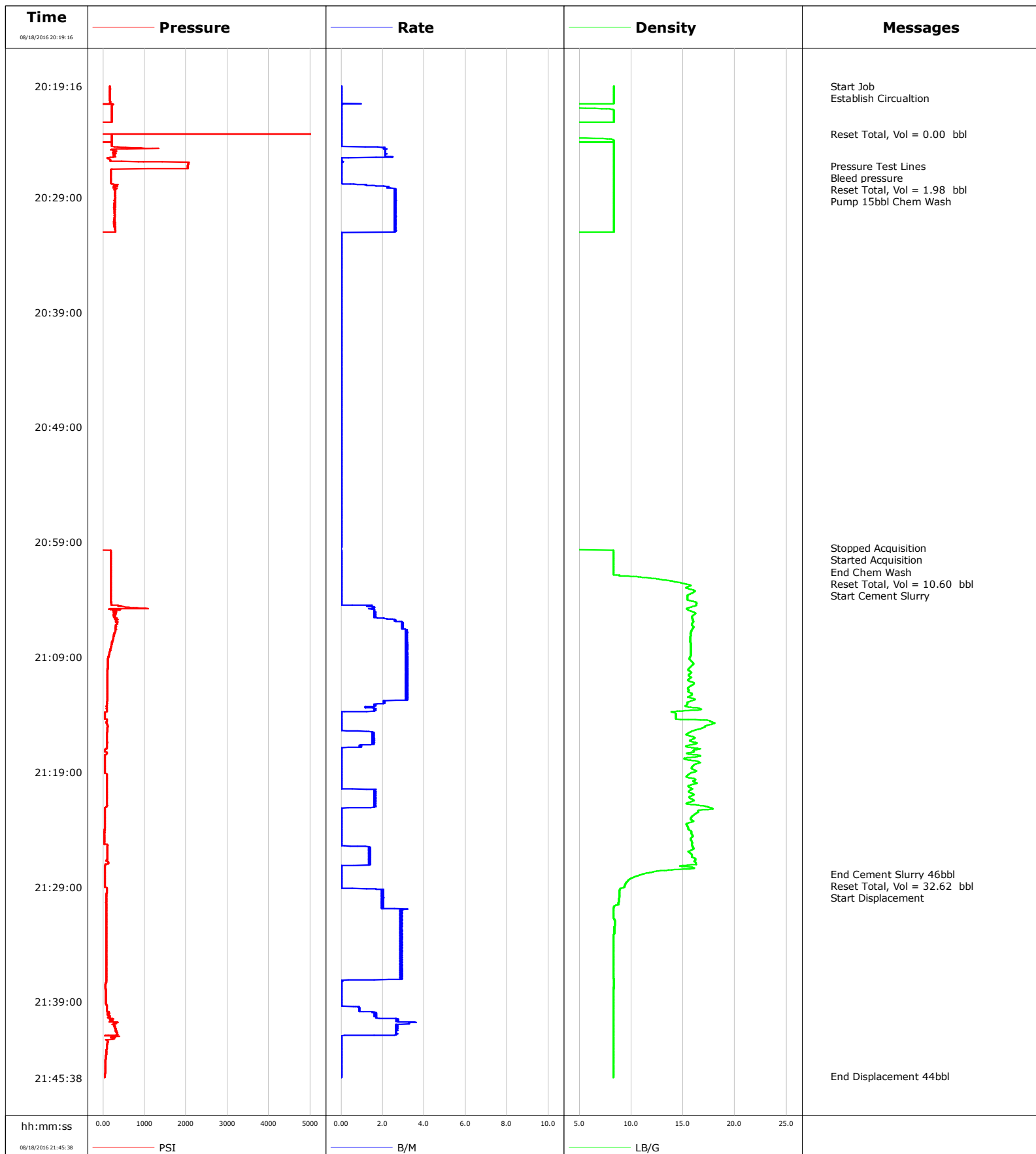


**Well** Genesis 2  
**Field** DJ  
**Engineer** Chris Valerio  
**Country** United States

**Client** Anadarko  
**SIR No.** D5VO-01487  
**Job Type** Niobrara Plug  
**Job Date** 08-18-2016



# Cementing Service Report

				Customer Anadarko			Job Number D5VO-01487		
Well Genesis 2 #2			Location (legal)		Schlumberger Location			Job Start Aug/18/2016	
Field DJ		Formation Name/Type Shale		Deviation deg	Bit Size in		Well MD 5741.0 ft	Well TVD 5741.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 220 degF		BHCT 210 degF	Pore Press. Gradient lb/gal	
Well Master 631688257		API/UWI 0512311497							
Rig Name Basic	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 Other	5741.0	0.0	0.0				
			0.0	0.0	0.0				
Drilling Fluid Type Other		Max. Density 8.30 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe					
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	
					5741.0	3.5	9.3		
					0.0	0.0	0.0		
Service Line Cementing		Job Type Niobrara Plug		Perforations/Open Hole					
Max. Allowed Tub. Press 1500 psi		Max. Allowed Ann. Press psi	WH Connection TIW	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Service Instructions Niobrara Plug Establish Circulation 15bbl Chem Wash 46bbl 170sks CMT @ 15.8# 1.55 Yield 6.43 gal/sk water Displace 45bbl water Estimated top of CMT 5350'				Treat Down Tubing	Displacement 44.0 bbl	Packer Type	Packer Depth ft		
				Tubing Vol. 49.9 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 Aug/18/2016 17:00		Arrived on Location Aug/18/2016 17:00	Leave Location Aug/18/2016 22:00	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			
08/18/2016	20:19:16	164	0.0	8.34	0.0	Started Acquisition			
08/18/2016	20:19:18	164	0.0	8.34	0.0	Start Job			
08/18/2016	20:19:31	168	0.0	8.34	0.0	Establish Circulation			
08/18/2016	20:23:27	-3750	0.0	-6.25	0.0	Reset Total, Vol = 0.00 bbl			
08/18/2016	20:24:16	214	0.0	8.33	0.0				
08/18/2016	20:26:14	2045	0.0	8.33	2.0	Pressure Test Lines			
08/18/2016	20:26:36	187	0.0	8.33	2.0	Bleed pressure			
08/18/2016	20:26:47	187	0.0	8.33	2.0	Reset Total, Vol = 1.98 bbl			
08/18/2016	20:27:02	191	0.0	8.33	0.0	Pump 15bbl Chem Wash			
08/18/2016	20:29:16	292	2.6	8.35	3.5				
08/18/2016	20:34:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:39:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:44:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:49:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:54:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:59:16	-3750	0.0	-6.25	10.6				
08/18/2016	20:59:55	182	0.0	8.28	10.6	End Chem Wash			
08/18/2016	21:00:02	182	0.0	8.28	10.6	Reset Total, Vol = 10.60 bbl			
08/18/2016	21:00:07	182	0.0	8.28	0.0	Start Cement Slurry			
08/18/2016	21:04:16	191	0.0	16.28	0.0				
08/18/2016	21:09:16	114	3.2	15.69	12.9				

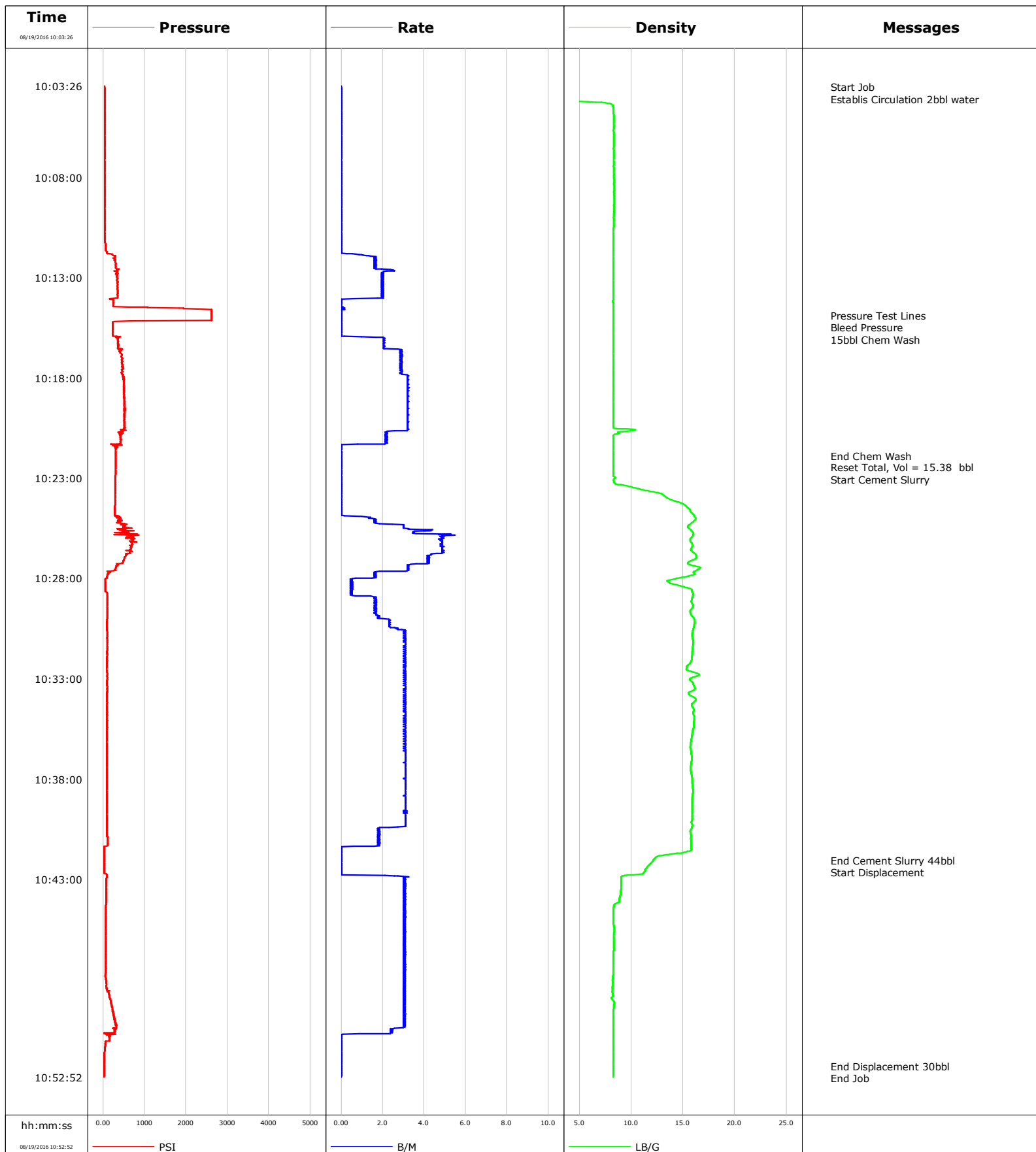
Well			Field		Job Start	Customer		Job Number
Genesis 2 #2			DJ		Aug/18/2016	Anadarko		D5VO-01487
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message		
08/18/2016	21:19:16	95	0.0	15.49	27.8			
08/18/2016	21:24:16	36	0.0	15.81	30.3			
08/18/2016	21:27:55	45	0.0	11.11	32.6	End Cement Slurry 46bbl		
08/18/2016	21:27:58	45	0.0	10.92	32.6	Reset Total, Vol = 32.62 bbl		
08/18/2016	21:28:03	45	0.0	10.66	0.0	Start Displacement		
08/18/2016	21:29:16	91	1.9	8.89	0.2			
08/18/2016	21:34:16	77	2.9	8.29	13.1			
08/18/2016	21:39:16	77	0.0	8.28	21.4			
08/18/2016	21:44:16	59	0.0	8.28	26.8			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.4	N2	Mud	Maximum Rate 3.6	Total Slurry 46.0	Mud 0.0	Spacer 15.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 1098	Final 45	Average 178	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal			
Avg. N2 Percent %	Designed Slurry Volume 46.0 bbl		Displacement 44.0 bbl	Mix Water Temp 67 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl				
					Washed Thru Perfs <input type="checkbox"/>	To ft				
Customer or Authorized Representative Nick Lang			Schlumberger Supervisor Chris Valerio			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			
					-		-			

**Well** Genesis 2  
**Field** DJ  
**Engineer** Chris Valerio  
**Country** United States

**Client** Anadarko  
**SIR No.** D5VO-01487  
**Job Type** Sussex Plug  
**Job Date** 08-19-2016



# Cementing Service Report

				Customer Anadarko			Job Number D5VO-01487		
Well Genesis 2 #2			Location (legal)		Schlumberger Location			Job Start Aug/19/2016	
Field DJ		Formation Name/Type Shale		Deviation deg	Bit Size in		Well MD 4153.0 ft		
County Weld		State/Province Colorado		BHP psi	BHST 165 degF		BHCT 155 degF		
Well Master 631688257		API/UWI 0512311497						Pore Press. Gradient lb/gal	
Rig Name Basic	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						
Drilling Fluid Type Other		Max. Density 8.30 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	4153.0	3.5	9.3	8RD	
		0.0	0.0	0.0					
Max. Allowed Tub. Press 1500 psi	Max. Allowed Ann. Press psi		WH Connection	Perforations/Open Hole					
	Top, ft	Bottom, ft	shot/ft	No. of Shots		Total Interval ft			
	ft	ft							
	ft	ft				Diameter in			
Service Instructions Sussex Plug Establish Circulation 15bbl Chem Wash 44bbl 210sks CMT @ 15.8# 1.18 Yield 5.17 gal/sk water Displace 30bbl water Estimated top of CMT 3700'	Treat Down Tubing	Displacement 30.0 bbl		Packer Type		Packer Depth ft			
	Tubing Vol. 36.0 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 Aug/18/2016 17:00	Arrived on Location Aug/18/2016 17:00		Leave Location Aug/19/2016 06:00	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			
08/19/2016	10:03:26	40	0.0	1.90	0.0	Started Acquisition			
08/19/2016	10:03:29	40	0.0	1.90	0.0	Start Job			
08/19/2016	10:03:47	40	0.0	1.89	0.0	Establis Circulation 2bbl water			
08/19/2016	10:08:26	40	0.0	8.35	0.0				
08/19/2016	10:13:26	342	1.9	8.28	0.0				
08/19/2016	10:14:53	2613	0.0	8.28	0.0	Pressure Test Lines			
08/19/2016	10:15:12	233	0.0	8.28	0.0	Bleed Pressure			
08/19/2016	10:15:31	233	0.0	8.28	0.0	15bbl Chem Wash			
08/19/2016	10:18:26	493	3.2	8.29	6.9				
08/19/2016	10:21:53	310	0.0	8.28	15.4	End Chem Wash			
08/19/2016	10:22:01	310	0.0	8.29	15.4	Reset Total, Vol = 15.38 bbl			
08/19/2016	10:22:08	306	0.0	8.28	0.0	Start Cement Slurry			
08/19/2016	10:23:26	297	0.0	9.95	0.0				
08/19/2016	10:28:26	49	0.4	15.19	11.0				
08/19/2016	10:33:26	100	3.1	16.13	23.2				
08/19/2016	10:38:26	95	3.1	15.94	38.6				
08/19/2016	10:42:03	36	0.0	12.14	46.5	End Cement Slurry 44bbl			
08/19/2016	10:42:15	36	0.0	11.83	0.0	Start Displacement			
08/19/2016	10:43:26	77	3.0	9.02	1.9				
08/19/2016	10:48:26	86	3.1	8.21	17.2				
08/19/2016	10:52:20	36	0.0	8.28	23.9	End Displacement 30bbl			

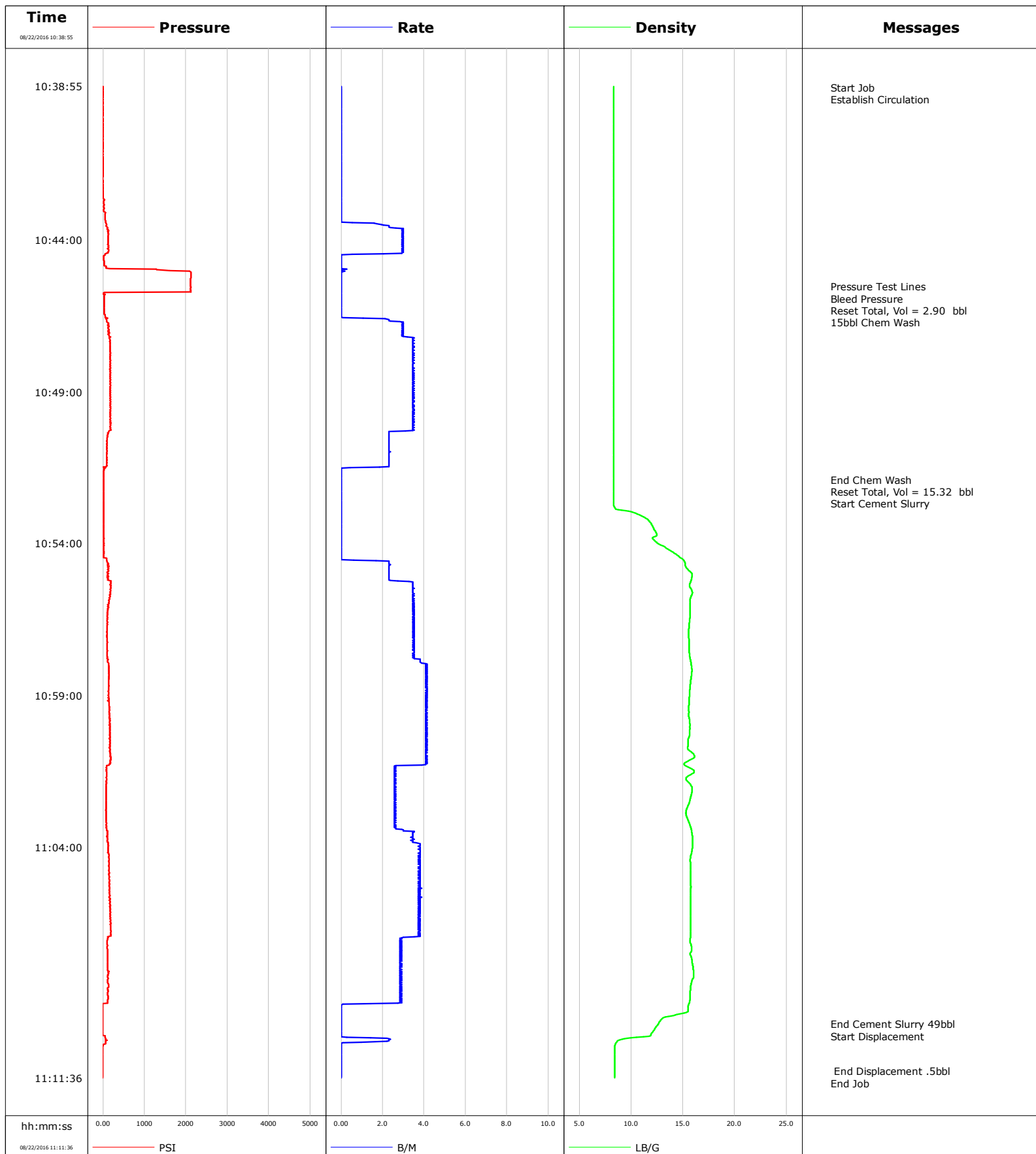
<b>Well</b> Genesis 2 #2	<b>Field</b> DJ	<b>Job Start</b> Aug/19/2016	<b>Customer</b> Anadarko	<b>Job Number</b> D5VO-01487
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.8	N2	Mud	Maximum Rate 5.5		Total Slurry 44.0	Mud 0.0	Spacer 15.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 860	Final 36	Average 213	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 44.0 bbl		Displacement 30.0 bbl		Mix Water Temp 67 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Nick Lang				Schlumberger Supervisor Chris Valerio				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

**Well** Genesis 2  
**Field** DJ  
**Engineer** Chris Valerio  
**Country** United States

**Client** Anadarko  
**SIR No.** D5VO-01489  
**Job Type** Stub Plug  
**Job Date** 08-22-2016



# Cementing Service Report

				Customer Anadarko			Job Number D5VO-01489				
Well Genesis 2 #2			Location (legal)			Schlumberger Location			Job Start Aug/22/2016		
Field DJ		Formation Name/Type Shale		Deviation deg		Bit Size 7.9 in		Well MD 700.0 ft		Well TVD 700.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal	
Well Master 631688257		API/UWI 0512311497									
Rig Name Basic		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		360.0		8.6		24.0	
						0.0		0.0		0.0	
Drilling Fluid Type Other		Max. Density 8.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type Stub Plug				T		700.0		3.5	
										9.3	
										N80	
										8RD	
Max. Allowed Tub. Press 1500 psi		Max. Allowed Ann. Press psi		WH Connection TIW		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 0.5 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. 6.0 bbl		Casing Vol. 23.0 bbl		Annular Vol. bbl	
										Openhole Vol. 16.4 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 Aug/22/2016 09:00		Arrived on Location Aug/22/2016 09:00		Leave Location Aug/22/2016 12:00		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					
08/22/2016	10:38:55	4	0.0	8.33	0.0	Started Acquisition					
08/22/2016	10:38:58	-1	0.0	8.33	0.0	Start Job					
08/22/2016	10:39:07	4	0.0	8.33	0.0	Establish Circulation					
08/22/2016	10:43:55	127	2.9	8.34	1.3						
08/22/2016	10:45:32	2114	0.0	8.34	2.9	Pressure Test Lines					
08/22/2016	10:45:49	31	0.0	8.34	2.9	Bleed Pressure					
08/22/2016	10:45:52	27	0.0	8.34	2.9	Reset Total, Vol = 2.90 bbl					
08/22/2016	10:46:02	27	0.0	8.34	0.0	15bbl Chem Wash					
08/22/2016	10:48:55	173	3.5	8.34	7.8						
08/22/2016	10:51:53	22	0.0	8.34	15.3	End Chem Wash					
08/22/2016	10:51:56	22	0.0	8.34	15.3	Reset Total, Vol = 15.32 bbl					
08/22/2016	10:52:01	17	0.0	8.34	0.0	Start Cement Slurry					
08/22/2016	10:53:55	22	0.0	12.30	0.0						
08/22/2016	10:58:55	132	4.2	15.65	15.1						
08/22/2016	11:03:55	127	3.8	15.93	32.1						
08/22/2016	11:08:55	123	2.9	15.69	49.2						
08/22/2016	11:09:50	-1	0.0	12.62	49.9	End Cement Slurry 49bbl					
08/22/2016	11:09:58	-5	0.0	12.33	0.0	Start Displacement					
08/22/2016	11:11:23	-1	0.0	8.43	0.3	End Displacement .5bbl					



<b>Well</b> Genesis 2 #2	<b>Field</b> DJ	<b>Job Start</b> Aug/22/2016	<b>Customer</b> Anadarko	<b>Job Number</b> D5VO-01489
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.3	N2	Mud	Maximum Rate 4.2		Total Slurry 49.0	Mud 0.0	Spacer 15.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 245	Final -1	Average 156	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 49.0 bbl	Displacement 0.5 bbl	Mix Water Temp 68 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
				Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Mike Lee			Schlumberger Supervisor Chris Valerio			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-