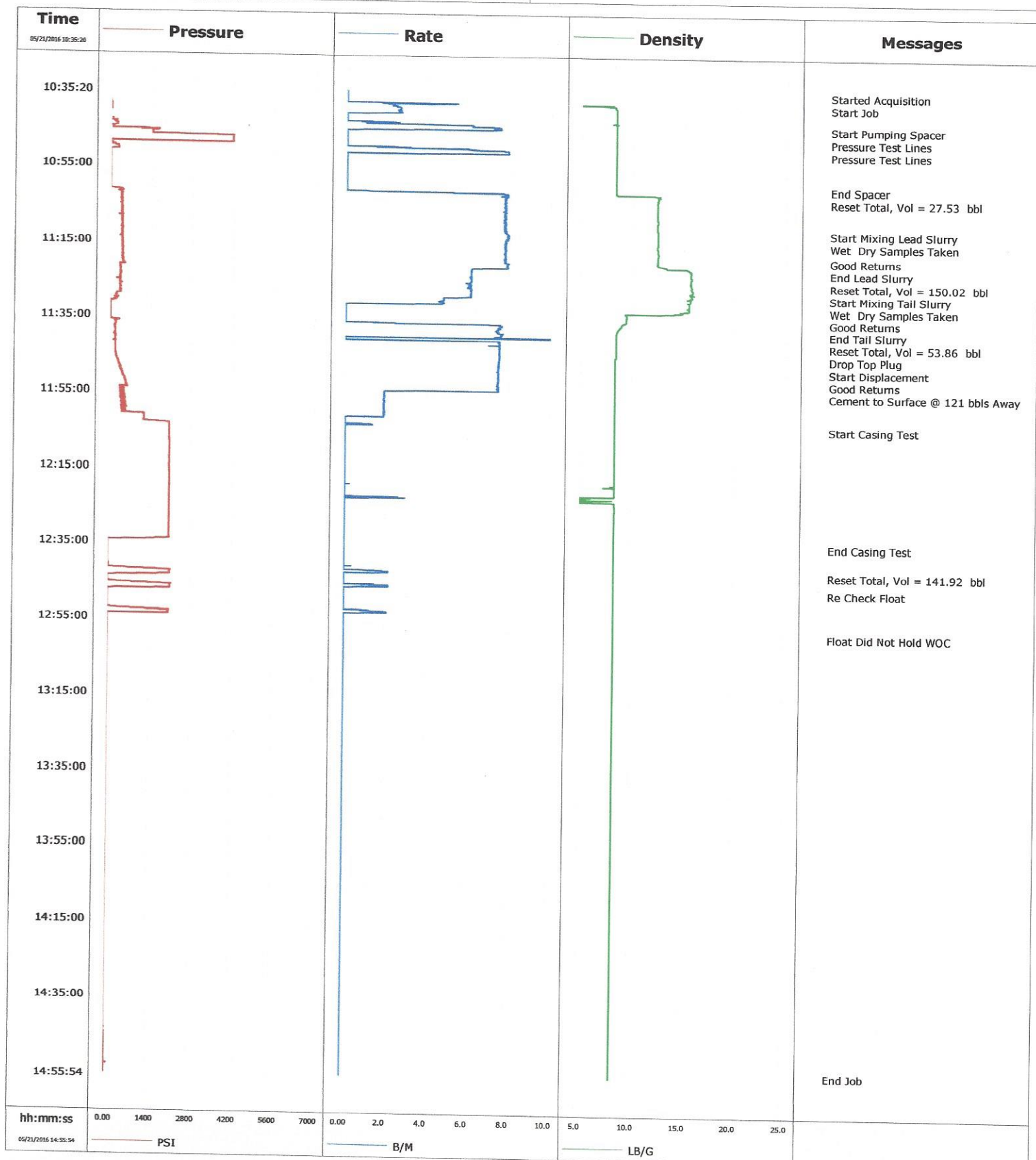
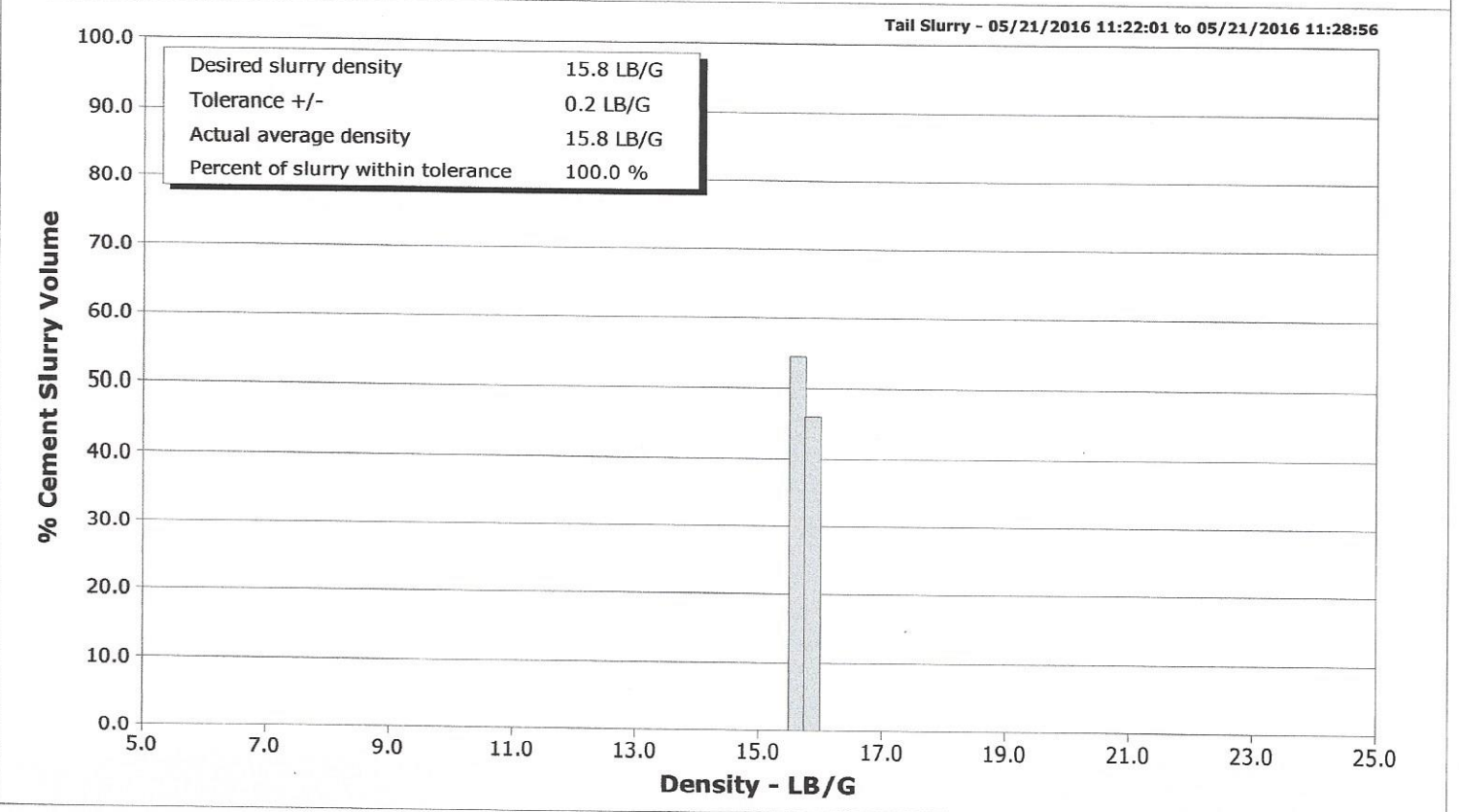
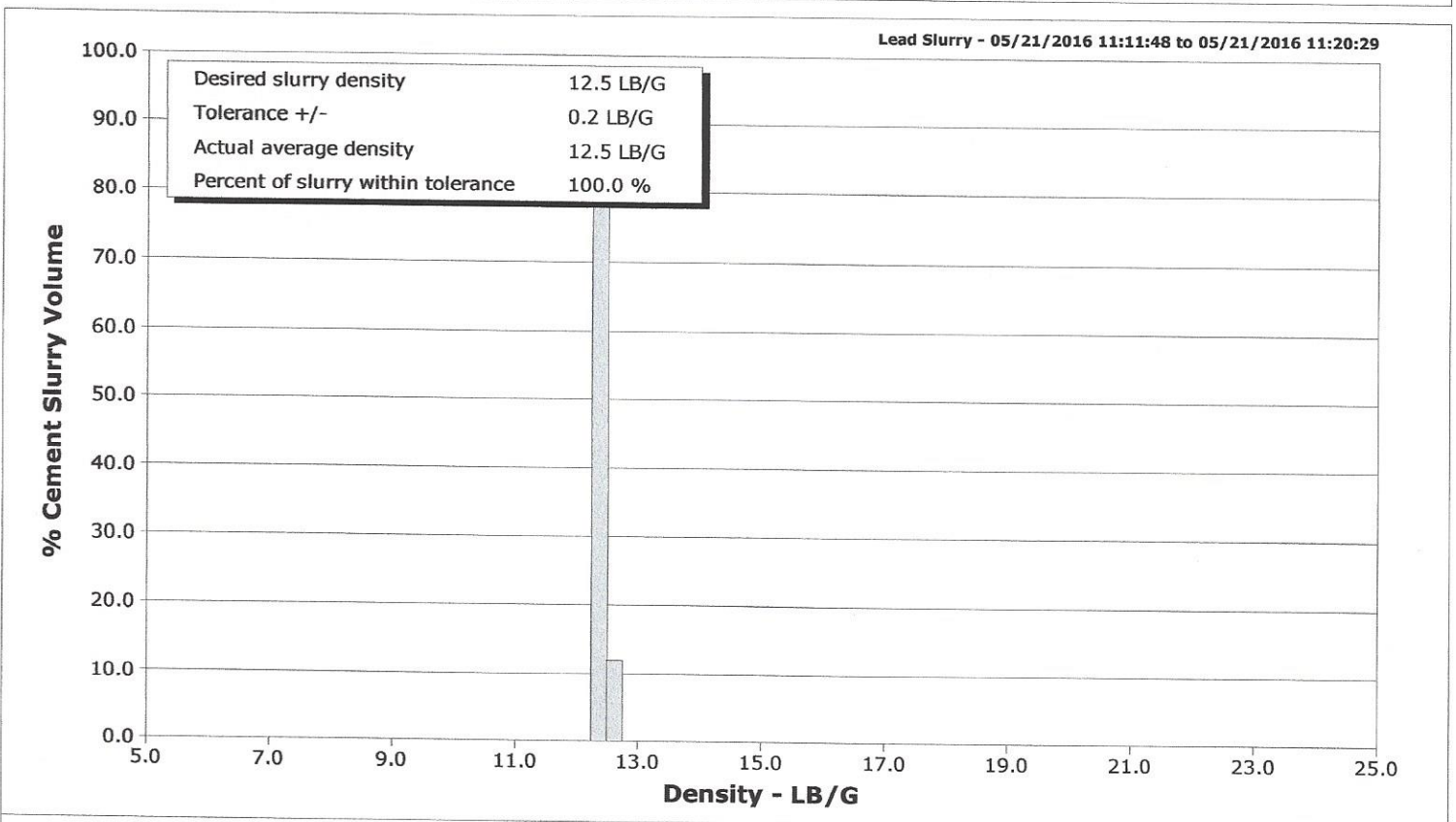


<b>Well</b>	Land Fed	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DJT7-00186
<b>Engineer</b>	Wayne Silvester/Justin Storey	<b>Job Type</b>	Surface
<b>Country</b>	United States	<b>Job Date</b>	05-21-2016



<b>Well</b>	Land Fed	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DJT7-00186
<b>Engineer</b>	Wayne Silvester/Justin Storey	<b>Job Type</b>	Surface
<b>Country</b>	United States	<b>Job Date</b>	05-21-2016



## Cementing Service Report

				Customer Anadarko		Job Number DJT7-00186			
Well Land Fed 29N-29HZ		Location (legal) 217304		Schlumberger Location Cheyenne		Job Start May/21/2016			
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Well MD 1827.8 ft			
County Weld		State/Province Colorado		Bit Size in		Well TVD 1871.2 ft			
Well Master 631662904		API/UWI 5123423930000		BHP 539 psi		BHST 101 degF			
Rig Name P 461		Drilled For Oil and Gas		Service Via Land		BHCT 81 degF			
Offshore Zone		Well Class New		Well Type Other		Pore Press. Gradient lb/gal			
Drilling Fluid Type Bentonite		Max. Density 9.30 lb/gal		Plastic Viscosity cP					
Service Line Cementing		Job Type Surface							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8 Single plug Head					
<b>Service Instructions</b> Lead= 380sk 2.1ft3/sk 12.13 gals/sk =142bbbls Tail= 280sk 1.16ft3/sk 5.13 gals/sk =58bbbls Pump 20bbbls water 142bbbls lead slurry @ 12.5ppg 58 bbbls Tail slurry @15.8 displace141bbbls				Casing/Liner					
				Depth, ft		Size, in		Weight, lb/ft	
				1871.2		9.6		36.0	
				0.0		0.0		0.0	
				T/D		Depth, ft		Size, in	
				Tubing/Drill Pipe					
				Perforations/Open Hole					
Top, ft		Bottom, ft		shot/ft		No. of Shots			
ft		ft							
ft		ft							
ft		ft							
Total Interval ft									
Diameter in									
Treat Down Casing		Displacement 141.0 bbl		Packer Type		Packer Depth ft			
Tubing Vol. bbl		Casing Vol. 145.0 bbl		Annular Vol. bbl		Openhole Vol. bbl			
Casing/Tubing Secured <input type="checkbox"/>				1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>					
Lift Pressure 530 psi				Shoe Type Float					
Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>					
Shoe Depth 1871.2 ft				Squeeze Type					
No. Centralizers 1				Tool Type					
Top Plugs 1				Tool Depth ft					
Bottom Plugs				Tail Pipe Size in					
Cement Head Type Single				Stage Tool Depth ft					
Job Scheduled For May/21/2016				Collar Type Float					
Arrived on Location May/21/2016				Tail Pipe Depth ft					
Leave Location May/21/2016				Collar Depth 1827.8 ft					
				Sq. Total Vol. bbl					
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
05/21/2016	10:35:20	0.0	0.01	0.0	-68	Started Acquisition			
05/21/2016	10:36:14	0.0	0.01	0.0	-66	Start Job			
05/21/2016	10:42:01	0.0	8.37	7.2	-35				
05/21/2016	10:44:38	7.1	8.37	11.5	196	Start Pumping Spacer			
05/21/2016	10:46:25	0.0	8.37	17.8	1633	Pressure Test Lines			
05/21/2016	10:48:26	0.0	8.37	17.8	4156	Pressure Test Lines			
05/21/2016	10:48:42	0.0	8.37	17.8	4157				
05/21/2016	10:55:23	0.0	8.37	27.5	-10				
05/21/2016	11:00:21	0.0	8.38	27.5	-17	End Spacer			
05/21/2016	11:01:07	0.0	8.38	27.5	-17	Reset Total, Vol = 27.53 bbl			
05/21/2016	11:02:04	7.7	12.47	28.9	350				
05/21/2016	11:08:45	7.8	12.46	80.8	384				
05/21/2016	11:11:48	7.8	12.47	104.5	373	Start Mixing Lead Slurry			
05/21/2016	11:11:50	7.8	12.46	104.7	385	Wet Dry Samples Taken			
05/21/2016	11:15:26	7.8	12.44	132.9	393				
05/21/2016	11:19:08	7.7	12.47	161.7	418	Good Returns			
05/21/2016	11:20:29	7.9	12.58	172.2	429	End Lead Slurry			
05/21/2016	11:21:10	7.9	13.33	177.6	429	Reset Total, Vol = 150.02 bbl			
05/21/2016	11:22:01	6.2	15.71	183.8	312	Start Mixing Tail Slurry			
05/21/2016	11:22:06	6.1	15.74	184.3	337	Wet Dry Samples Taken			
05/21/2016	11:22:07	6.1	15.74	184.4	329				



Well			Field	Job Start	Customer	Job Number
Land Fed 29N-29HZ			Wattenberg	May/21/2016	Anadarko	DJT7-00186
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message
05/21/2016	11:28:48	6.1	15.85	225.2	339	
05/21/2016	11:28:56	6.1	15.64	226.0	344	End Tail Slurry
05/21/2016	11:31:22	3.3	15.53	238.2	91	Reset Total, Vol = 53.86 bbl
05/21/2016	11:31:30	0.2	15.53	238.4	9	Drop Top Plug
05/21/2016	11:31:34	0.0	15.53	238.4	8	Start Displacement
05/21/2016	11:35:29	0.0	9.42	238.4	11	
05/21/2016	11:42:10	7.5	8.45	277.0	185	
05/21/2016	11:47:49	7.5	8.38	319.4	273	Good Returns
05/21/2016	11:48:51	7.5	8.38	327.1	334	
05/21/2016	11:55:06	1.9	8.38	370.4	431	Cement to Surface @ 121 bbls Away
05/21/2016	11:55:32	1.9	8.38	371.2	367	
05/21/2016	12:02:13	0.0	8.38	382.7	1176	
05/21/2016	12:03:53	0.0	8.38	383.2	2038	Start Casing Test
05/21/2016	12:08:54	0.0	8.38	383.2	2057	
05/21/2016	12:15:35	0.0	8.38	383.2	2068	
05/21/2016	12:22:16	0.0	0.04	383.2	2060	
05/21/2016	12:28:57	0.0	8.39	383.4	2066	
05/21/2016	12:35:01	0.0	8.39	383.4	-11	End Casing Test
05/21/2016	12:35:38	0.0	8.39	383.4	-9	
05/21/2016	12:42:19	1.1	8.38	383.6	151	
05/21/2016	12:42:36	2.2	8.38	384.1	1164	Reset Total, Vol = 141.92 bbl
05/21/2016	12:47:08	0.0	8.38	386.1	2121	Re Check Float
05/21/2016	12:49:00	0.0	8.38	386.1	-10	
05/21/2016	12:55:41	0.0	8.38	387.5	-10	
05/21/2016	12:58:38	0.0	8.38	387.5	-9	Float Did Not Hold WOC
05/21/2016	13:02:22	0.0	8.38	387.5	-9	
05/21/2016	13:09:03	0.0	8.38	387.5	-8	
05/21/2016	13:15:44	0.0	8.38	387.5	-8	
05/21/2016	13:22:25	0.0	8.38	387.5	-7	
05/21/2016	13:29:06	0.0	8.37	387.5	-7	
05/21/2016	13:35:47	0.0	8.37	387.5	-7	
05/21/2016	13:42:28	0.0	8.37	387.5	-6	
05/21/2016	13:49:09	0.0	8.37	387.5	-5	
05/21/2016	13:55:50	0.0	8.37	387.5	-5	
05/21/2016	14:02:31	0.0	8.37	387.5	-4	
05/21/2016	14:09:12	0.0	8.37	387.5	-4	
05/21/2016	14:15:53	0.0	8.37	387.5	-3	
05/21/2016	14:22:34	0.0	8.37	387.5	-2	
05/21/2016	14:35:56	0.0	8.37	387.5	-1	
05/21/2016	14:42:37	0.0	8.37	387.5	-1	
05/21/2016	14:49:18	0.0	8.37	387.5	-1	

<b>Well</b> Land Fed 29N-29HZ	<b>Field</b> Wattenberg	<b>Job Start</b> May/21/2016	<b>Customer</b> Anadarko	<b>Job Number</b> DJT7-00186
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.0	N2	Mud	Maximum Rate 8.1	Total Slurry 204.5	Mud 0.0	Spacer 20.4	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4177	Final 1	Average 919	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 200.0 bbl	Displacement 141.1 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 20.0 bbl			
Customer or Authorized Representative Joe Wallen			Schlumberger Supervisor Wayne Silvester/Justin Storey	Washed Thru Perfs <input type="checkbox"/>	To ft			
				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			
				-	-			

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