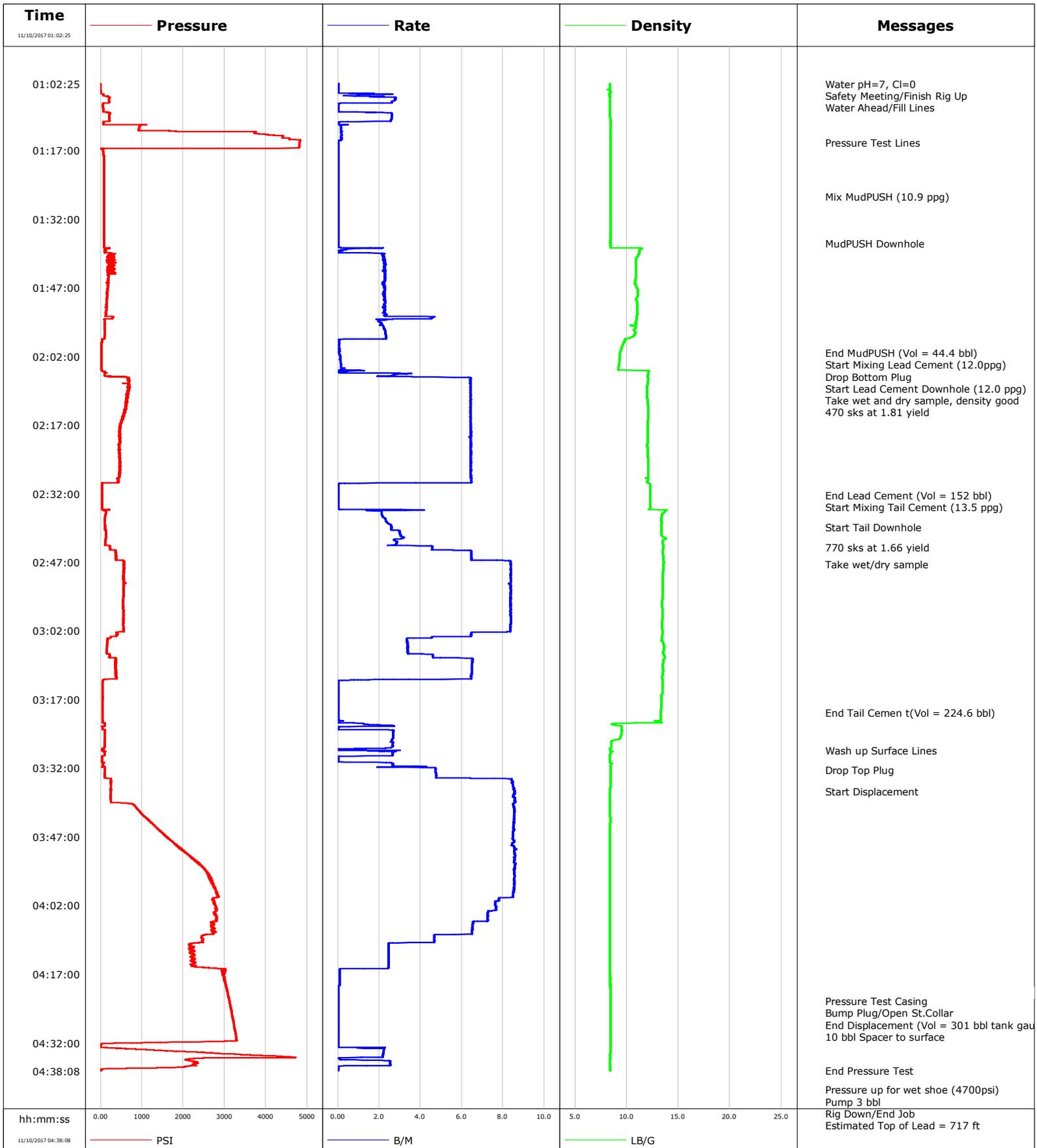


Well	Borough 26N-17HZ	Client	Anadarko
Field	Wattenberg	SIR No.	DXVN-00016
Engineer	Cameron McNutt	Job Type	Production
Country	United States	Job Date	11-10-2017



				Customer			Job Number	
				Anadarko			DXVN-00016	
Well		Location (legal)			Schlumberger Location		Job Start	
Borough 26N-17HZ					Cheyenne		Nov/10/2017	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD	
Wattenberg				90 deg	7.9 in	13002.0 ft	7305.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient	
		Colorado		psi	228 degF	209 degF	lb/gal	
Well Master		API/UWI						
0631733107								
Rig Name	Drilled For		Service Via	Casing/Liner				
PD564	Oil & Gas		Land					
	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class	Well Type		1875.0	9.6	36.0	J55	
	New	Development		12954.0	5.5	17.0	HCP-110	8RD
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
OBM		9.50 lb/gal	cP					
T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Service Line	Job Type							
Cementing	Production							
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole				
psi	psi	Double Cement head						
	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval			
Service Instructions	ft	ft			ft			
Provide Crew, equipment and material to cement production casing	ft	ft			Diameter			
	ft	ft			in			
Treat Down		Displacement		Packer Type		Packer Depth		
Casing		301.0 bbl		NA		ft		
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.		
bbl		301.0 bbl		444.5 bbl		bbl		
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job	
<input type="checkbox"/>		<input checked="" type="checkbox"/>						
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type		
9300 psi		Float		12954.0 ft				
Pipe Rotated		Pipe Reciprocated		Stage Tool Type		Tool Depth		
<input type="checkbox"/>		<input type="checkbox"/>		NA		ft		
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Depth		Tail Pipe Size		
		1	1	ft		in		
Cement Head Type		Job Scheduled For		Arrived on Location		Leave Location		
Double		Nov/09/2017 19:00		Nov/09/2017 22:30		Nov/10/2017 07:00		
		Collar Type		Collar Depth		Tail Pipe Depth		
		Float		12952.0 ft		ft		
		Sqz. Total Vol.						
		bbl						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/10/2017	01:02:25	-1	0.0	8.39	0.0	Start Job		
11/10/2017	01:03:34	-1	0.0	8.39	0.0	Safety Meeting/Finish Rig Up		
11/10/2017	01:05:39	210	2.8	8.39	2.0	Water Ahead/Fill Lines		
11/10/2017	01:15:20	4814	0.0	8.40	10.6	Pressure Test Lines		
11/10/2017	01:27:07	78	0.0	8.40	10.7	Mix MudPUSH (10.9 ppg)		
11/10/2017	01:37:18	80	0.0	8.40	10.7	MudPUSH Downhole		
11/10/2017	02:01:15	21	0.1	9.35	55.0	End MudPUSH (Vol = 44.4 bbl)		
11/10/2017	02:02:30	18	0.1	9.31	55.1	Start Mixing Lead Cement (12.0ppg)		
11/10/2017	02:03:48	21	0.1	9.23	55.3	Drop Bottom Plug		
11/10/2017	02:04:01	20	0.2	9.22	55.3	Start Lead Cement Downhole (12.0 ppg)		
11/10/2017	02:05:44	88	3.4	12.11	55.9	Take wet and dry sample, density good		
11/10/2017	02:29:46	31	0.3	12.14	207.1	End Lead Cement (Vol = 152 bbl)		
11/10/2017	02:30:27	31	0.0	12.24	207.1	Start Mixing Tail Cement (13.5 ppg)		
11/10/2017	02:36:47	110	2.1	13.38	210.1	Start Tail Downhole		
11/10/2017	02:40:23	124	3.0	13.35	219.0	Take wet/dry sample		
11/10/2017	03:12:51	50	0.1	13.51	431.7	End Tail Cemen t(Vol = 224.6 bbl)		
11/10/2017	03:21:09	46	0.0	13.32	431.7	Wash up Surface Lines		
11/10/2017	03:25:22	101	2.7	9.38	437.9	Drop Top Plug		
11/10/2017	03:30:03	30	0.0	8.39	447.3	Start Displacement		
11/10/2017	04:15:57	2921	0.1	8.40	763.6	Pressure Test Casing		
11/10/2017	04:16:00	2924	0.1	8.39	763.6	Bump Plug/Open St.Collar		

Well		Field		Job Start		Customer		Job Number	
Borough 26N-17HZ		Wattenberg		Nov/10/2017		Anadarko		DXVN-00016	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/10/2017	04:23:10	3122	0.0	8.40	763.9	10 bbl Spacer to surface			
11/10/2017	04:31:03	3283	0.0	8.40	763.9	End Pressure Test			
11/10/2017	04:35:15	3191	0.2	8.40	768.6	Pressure up for wet shoe (4700psi)			
11/10/2017	04:37:00	2172	1.4	8.40	771.6	Pump 3 bbl			
11/10/2017	04:38:01	11	0.0	8.40	771.7	Rig Down/End Job			
11/10/2017	04:38:02	11	0.0	8.40	771.7	Estimated Top of Lead = 717 ft			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
4.3			8.6	771.8	0.0	0.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
4827	11	903				bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	To		
%	375.3 bbl	0.0 bbl	60 degF	<input type="checkbox"/>	bbl	ft		
Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed					
	Cameron McNutt	-	<input type="checkbox"/>				<input checked="" type="checkbox"/>	