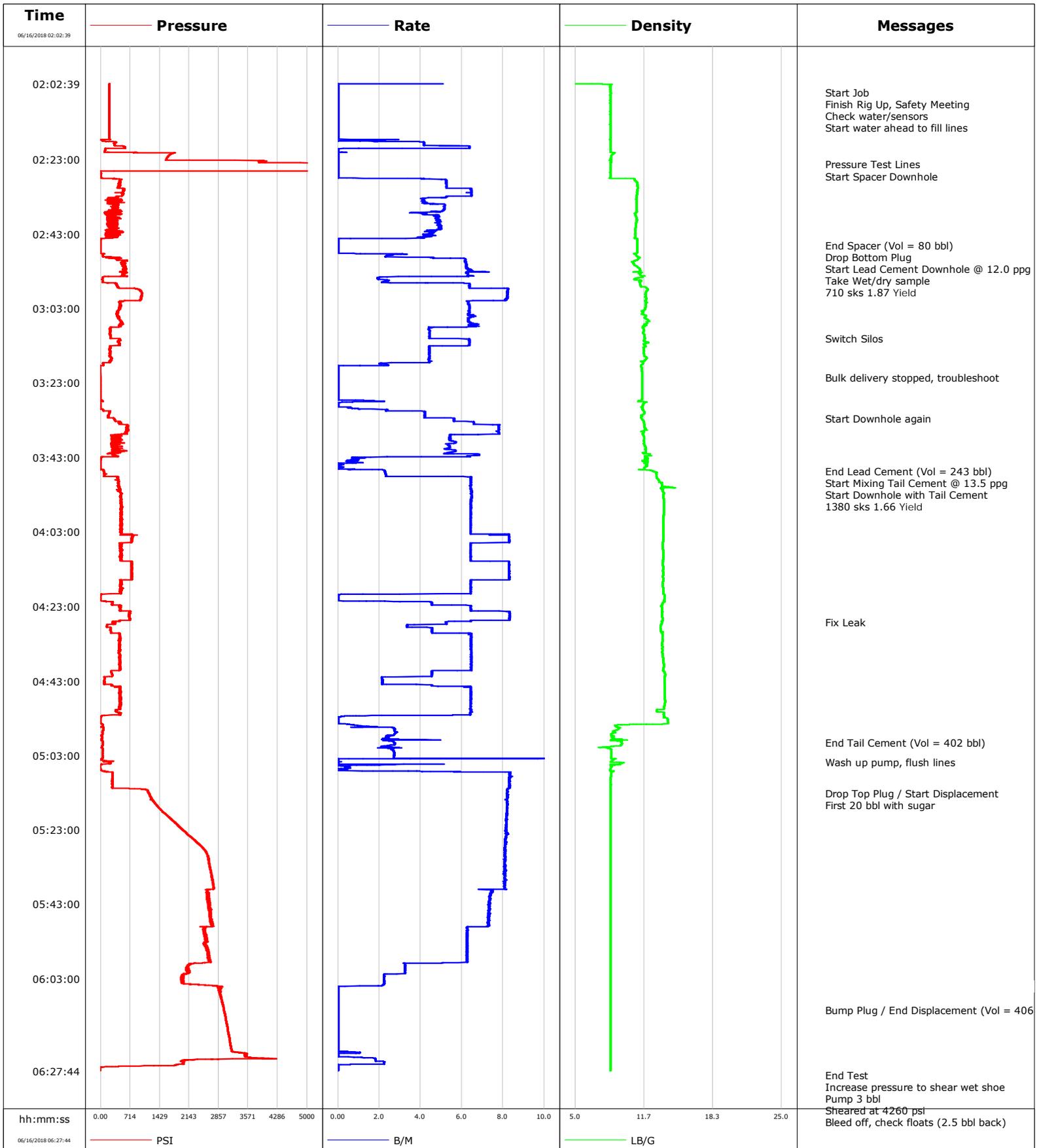


Well	Quarter Circle 24-9HZ	Client	Anadarko
Field	Wattenberg	SIR No.	E0ZP-00285
Engineer	Cameron McNutt	Job Type	Production
Country	United States	Job Date	06-16-2018



				Customer			Job Number	
				Anadarko			E0ZP-00285	
Well		Location (legal)			Schlumberger Location		Job Start	
Quarter Circle 24-9HZ					Cheyenne		Jun/16/2018	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD	
Wattenberg				90 deg	8.5 in	17529.0 ft	7294.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient	
		CO		psi	228 degF	228 degF	lb/gal	
Well Master		API/UWI						
0631754246								
Rig Name	Drilled For		Service Via	Casing/Liner				
P461	Oil & Gas		Land					
Offshore Zone	Well Class		Well Type	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
	New		Development	1886.0	9.6	36.0	J55	
				17529.0	5.5	17.0	P110	8RD
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
OBM		9.30 lb/gal	cP					
Service Line	Job Type		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Cementing	Production				0.0	0.0		
					0.0	0.0		
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection	Perforations/Open Hole				
psi	psi		Double Cement head					
Service Instructions	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval			
Provide crew, material, equipment to cement 5.5" production casing	ft	ft			ft			
	ft	ft			Diameter			
	ft	ft			in			
Treat Down		Displacement		Packer Type		Packer Depth		
Casing		406.0 bbl				ft		
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.		
bbl		406.5 bbl		bbl		bbl		
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job	
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type		
psi		Float		17529.0 ft				
Pipe Rotated		Pipe Reciprocated		Stage Tool Type		Tool Depth		
<input type="checkbox"/>		<input type="checkbox"/>				ft		
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Depth		Tail Pipe Size		
		1	1	ft		in		
Cement Head Type		Job Scheduled For		Collar Type		Tail Pipe Depth		
Double		Jun/15/2018 20:30		Float		ft		
Arrived on Location		Leave Location		Collar Depth		Sqz. Total Vol.		
Jun/15/2018 20:30		Jun/16/2018 08:00		17492.0 ft		bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/16/2018	02:02:39	213	0.0	7.43	0.0	Started Acquisition		
06/16/2018	02:05:00	211	0.0	8.44	0.0	Start Job		
06/16/2018	02:07:08	211	0.0	8.37	0.0	Finish Rig Up, Safety Meeting		
06/16/2018	02:10:18	210	0.0	8.40	0.0	Check water/sensors		
06/16/2018	02:10:28	210	0.0	8.40	0.0	Start water ahead to fill lines		
06/16/2018	02:24:15	5514	0.0	8.44	9.8	Pressure Test Lines		
06/16/2018	02:26:46	11	0.0	8.43	9.8	Start Spacer Downhole		
06/16/2018	02:45:55	-8	0.0	11.01	0.0	End Spacer (Vol = 80 bbl)		
06/16/2018	02:46:25	-8	0.0	11.01	0.0	Drop Bottom Plug		
06/16/2018	02:48:15	12	0.7	10.84	0.0	Start Lead Cement Downhole @ 12.0 ppg		
06/16/2018	02:54:02	558	6.3	11.31	31.8	Take Wet/dry sample		
06/16/2018	03:07:50	482	6.4	11.75	118.9	Switch Silos		
06/16/2018	03:18:18	69	2.4	11.38	167.9	Bulk delivery stopped, troubleshoot		
06/16/2018	03:29:10	-11	0.0	11.54	168.9	Start Downhole again		
06/16/2018	03:43:20	2	0.7	12.04	243.8	End Lead Cement (Vol = 243 bbl)		
06/16/2018	03:43:27	4	0.8	11.73	243.9	Start Mixing Tail Cement @ 13.5 ppg		
06/16/2018	03:46:02	-4	0.0	11.68	0.1	Start Downhole with Tail Cement		
06/16/2018	04:20:46	-3	0.0	13.62	221.0	Fix Leak		
06/16/2018	04:53:03	-1	0.0	13.90	401.8	End Tail Cement (Vol = 402 bbl)		
06/16/2018	04:58:23	29	2.5	8.80	8.6	Wash up pump, flush lines		
06/16/2018	05:06:39	-5	0.0	8.42	24.8	Drop Top Plug / Start Displacement		

Well		Field		Job Start		Customer		Job Number	
Quarter Circle 24-9HZ		Wattenberg		Jun/16/2018		Anadarko		E0ZP-00285	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/16/2018	06:05:01	2817	0.0	8.41	409.6	Bump Plug / End Displacement (Vol = 406 bbl)			
06/16/2018	06:22:24	3167	0.0	8.42	409.6	End Test			
06/16/2018	06:22:35	3203	0.0	8.41	409.6	Increase pressure to shear wet shoe			
06/16/2018	06:24:37	2669	1.8	8.41	410.9	Pump 3 bbl			
06/16/2018	06:24:40	2341	1.8	8.41	411.0	Sheared at 4260 psi			
06/16/2018	06:27:37	-15	0.0	8.41	413.8	Bleed off, check floats (2.5 bbl back)			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
5.9			11.3	645.0	0.0	60.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
5565	-15	1086	2900			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	To		
%	638.4 bbl	406.0 bbl	70 degF	<input type="checkbox"/>	bbl	ft		
Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed					
	Cameron McNutt	-	<input checked="" type="checkbox"/>					