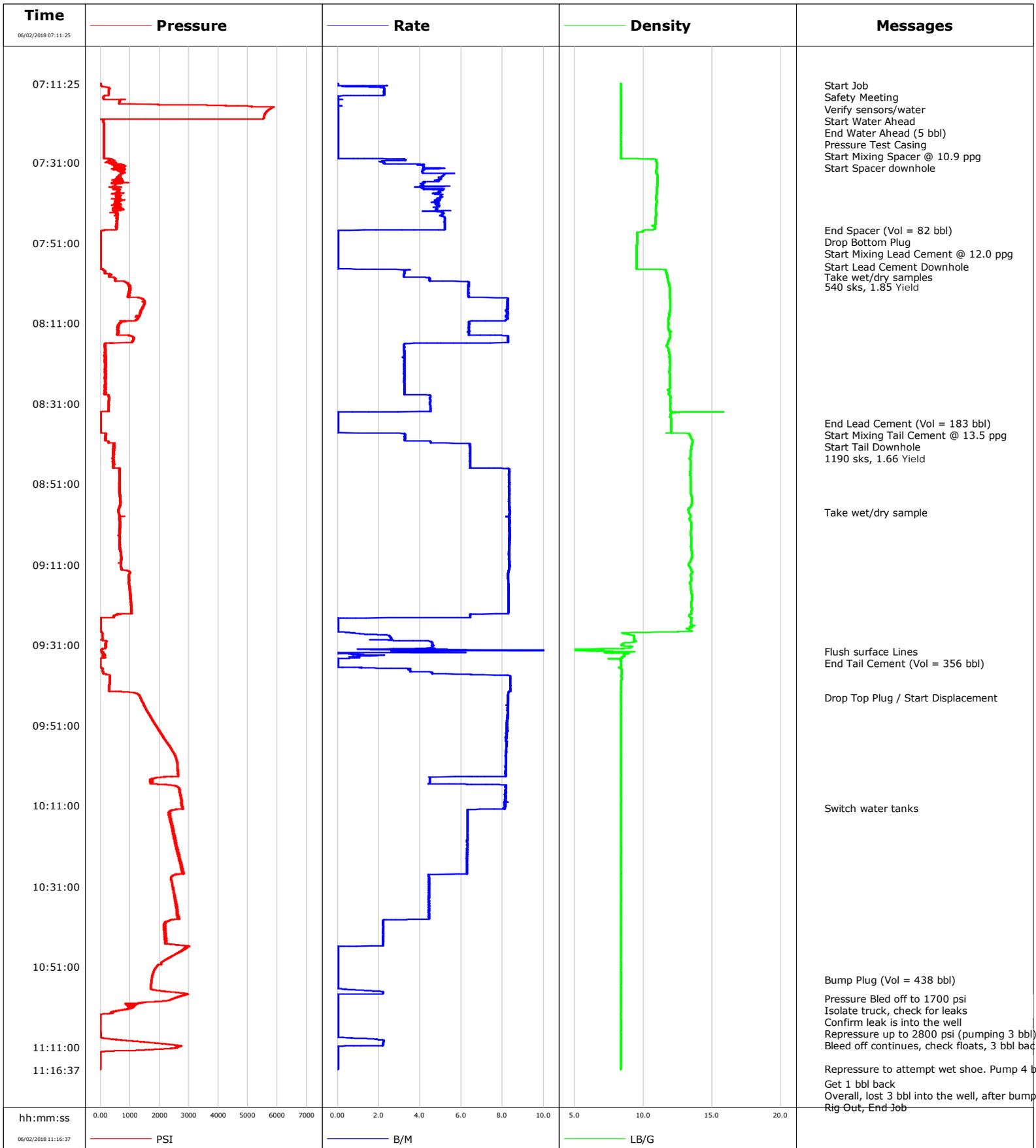


Well	Verde 13-7HZ	Client	Anadarko
Field	Wattenberg	SIR No.	DZOZ-00137
Engineer	Cameron McNutt	Job Type	5.5" Production
Country	United States	Job Date	06-02-2018



				Customer			Job Number			
				Anadarko			DZOZ-00137			
Well		Location (legal)			Schlumberger Location		Job Start			
Verde 13-7HZ					Cheyenne		Jun/02/2018			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD			
Wattenberg				90 deg	7.9 in	18843.0 ft	728.0 ft			
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
		CO		psi	233 degF	230 degF	lb/gal			
Well Master		API/UWI								
0631752631										
Rig Name	Drilled For	Service Via		Casing/Liner						
Precision 564	Oil & Gas	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type		1885.0	9.6	36.0	J55			
	New	Development		18843.0	5.5	17.0	P110	8RD		
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
OBM		11.30 lb/gal	70.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	5.5" 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 Provide crew, equipment, material to cement 5.5" production casing				ft	ft			ft		
				ft	ft			Diameter		
				ft	ft			in		
Treat Down		Displacement		Packer Type		Packer Depth				
Casing		437.9 bbl		NA		ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		439.0 bbl		612.3 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		psi		Shoe Type		Float		Squeeze Type		
Pipe Rotated		Pipe Reciprocated		Shoe Depth		18843.0 ft		Tool Type		
<input type="checkbox"/>		<input type="checkbox"/>								
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		NA		Tool Depth		
		1	1					ft		
Cement Head Type		Double		Stage Tool Depth		ft		Tail Pipe Size		
								in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth		
Jun/02/2018 02:45		Jun/02/2018 02:45		Jun/02/2018 13:00		Float		ft		
						Collar Depth		18834.0 ft		
								Sqz. Total Vol.		
								bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/02/2018	07:11:25	3	0.0	8.37	0.0	Started Acquisition				
06/02/2018	07:11:50	3	0.0	8.37	0.0	Start Job				
06/02/2018	07:11:55	3	0.0	8.37	0.0	Safety Meeting				
06/02/2018	07:12:01	36	2.4	8.37	0.1	Verify sensors/water				
06/02/2018	07:12:05	47	1.1	8.37	0.2	Start Water Ahead				
06/02/2018	07:15:30	679	0.0	8.37	5.2	End Water Ahead (5 bbl)				
06/02/2018	07:19:07	5562	0.0	8.37	5.2	Pressure Test Casing				
06/02/2018	07:22:19	112	0.0	8.37	5.2	Start Mixing Spacer @ 10.9 ppg				
06/02/2018	07:29:43	111	0.0	8.36	5.2	Start Spacer downhole				
06/02/2018	07:47:48	371	4.9	10.64	87.3	End Spacer (Vol = 82 bbl)				
06/02/2018	07:49:59	3	0.0	9.54	87.6	Drop Bottom Plug				
06/02/2018	07:50:07	4	0.0	9.54	87.6	Start Mixing Lead Cement @ 12.0 ppg				
06/02/2018	07:57:00	1	0.0	9.52	87.6	Start Lead Cement Downhole				
06/02/2018	07:59:23	287	3.2	11.73	93.3	Take wet/dry samples				
06/02/2018	08:33:20	-0	0.0	12.22	271.1	End Lead Cement (Vol = 183 bbl)				
06/02/2018	08:33:30	1	0.0	12.01	271.1	Start Mixing Tail Cement @ 13.5 ppg				
06/02/2018	08:38:00	3	0.0	12.03	271.1	Start Tail Downhole				
06/02/2018	08:49:34	657	8.3	13.43	340.7	Take wet/dry sample				
06/02/2018	09:24:17	8	2.5	13.45	627.1	Flush surface Lines				
06/02/2018	09:24:21	10	0.3	13.51	627.2	End Tail Cement (Vol = 356 bbl)				
06/02/2018	09:35:45	-4	0.0	8.38	646.7	Drop Top Plug / Start Displacement				

Well		Field		Job Start		Customer		Job Number	
Verde 13-7HZ		Wattenberg		Jun/02/2018		Anadarko		DZOZ-00137	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/02/2018	10:45:50	2977	2.2	8.37	1086.8	Bump Plug (Vol = 438 bbl)			
06/02/2018	10:50:30	1974	0.0	8.37	1087.0	Pressure Bled off to 1700 psi			
06/02/2018	10:50:31	1964	0.0	8.37	1087.0	Isolate truck, check for leaks			
06/02/2018	10:51:00	1902	0.0	8.37	1087.0	Confirm leak is into the well			
06/02/2018	10:57:00	2003	1.5	8.37	1087.4	Repressure up to 2800 psi (pumping 3 bbl)			
06/02/2018	11:01:00	940	0.0	8.37	1089.1	Bleed off continues, check floats, 3 bbl back			
06/02/2018	11:08:00	0	0.0	8.37	1089.1	Repressure to attempt wet shoe. Pump 4 bbl			
06/02/2018	11:11:39	1669	0.0	8.37	1093.2	Get 1 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		
6.0			16.8	539.0	0.0	82.0			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
5875	-3	1162	3000			bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume		
%	529.8 bbl		438.0 bbl	60 degF	<input type="checkbox"/>		bbl		
Customer or Authorized Representative			Schlumberger Supervisor			Washed Thru Perfs		To	
			Cameron McNutt			<input type="checkbox"/>		ft	
						Circulation Lost		Job Completed	<input checked="" type="checkbox"/>
						-		-	