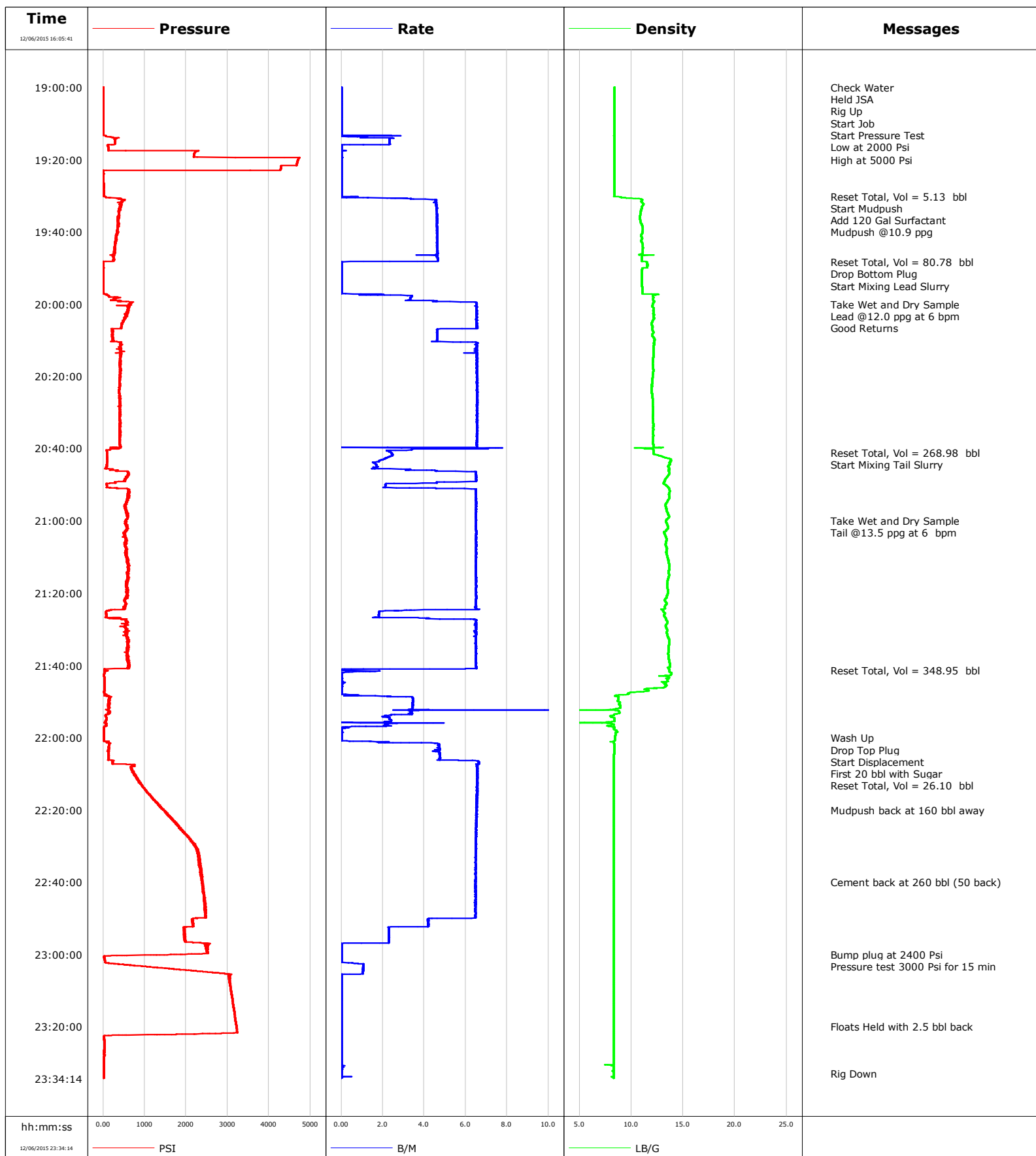


Well Whisper Rock 2C-25HZ
Field Wattenberg
Engineer Kara Cash
Country United States

Client Anadarko
SIR No. CYUT-00137
Job Type Monobore
Job Date 12/7/2015



Cementing Service Report

				Customer Anadarko			Job Number CYUT-00137				
Well Whisper Rock 2C-25HZ 05123412960000			Location (legal) 2173			Schlumberger Location Jeff Eulberg			Job Start Dec/07/2015		
Field Wattenberg		Formation Name/Type Shale		Deviation 30 deg		Bit Size 8.5 in		Well MD 13611.0 ft		Well TVD 7390.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 237 degF		BHCT 233 degF		Pore Press. Gradient lb/gal	
Well Master Cheyenne WY		API/UWI									
Rig Name Precision 462		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Development		13592.0		5.5		17.0	
						1840.0		9.6		36.0	
										P-100	
										P-100	
Drilling Fluid Type Other		Max. Density 9.80 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type Monobore									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Cement Head		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 Casing		Displacement 313.0 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. bbl		Casing Vol. 316.0 bbl		Annular Vol. 88.0 bbl	
										Openhole Vol. 498.0 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 9000 psi						Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 13592.0 ft		Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth ft			
Cement Head Type Double						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Dec/07/2015		Arrived on Location Dec/07/2015		Leave Location Dec/07/2015		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 13502.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
12/06/2015	16:49:22	0.0	0.0	0.0	0.0	Reset Total, Vol = 27.69 bbl					
12/06/2015	19:00:00	0.0	0.0	0.0	0.0	Check Water					
12/06/2015	19:10:00	0.0	0.0	0.0	0.0	Start Pressure Test					
12/06/2015	19:15:00	0.0	0.0	0.0	0.0	Low at 2000 Psi					
12/06/2015	19:20:00	0.0	0.0	0.0	0.0	High at 5000 Psi					
12/06/2015	19:30:12	0.0	0.0	0.0	0.0	Reset Total, Vol = 5.13 bbl					
12/06/2015	19:31:00	0.0	0.0	0.0	0.0	Start Mudpush					
12/06/2015	19:35:00	0.0	0.0	0.0	0.0	Mudpush @10.9 ppg					
12/06/2015	19:48:22	0.0	0.0	0.0	0.0	Reset Total, Vol = 80.78 bbl					
12/06/2015	19:49:00	0.0	0.0	0.0	0.0	Drop Bottom Plug					
12/06/2015	19:50:00	0.0	0.0	0.0	0.0	Start Mixing Lead Slurry					
12/06/2015	20:00:00	0.0	0.0	0.0	0.0	Take Wet and Dry Sample					
12/06/2015	20:41:14	0.0	0.0	0.0	0.0	Reset Total, Vol = 268.98 bbl					
12/06/2015	20:43:00	0.0	0.0	0.0	0.0	Start Mixing Tail Slurry					
12/06/2015	21:00:00	0.0	0.0	0.0	0.0	Take Wet and Dry Sample					
12/06/2015	21:41:15	0.0	0.0	0.0	0.0	Reset Total, Vol = 348.95 bbl					
12/06/2015	22:00:00	0.0	0.0	0.0	0.0	Wash Up					
12/06/2015	22:00:06	0.0	0.0	0.0	0.0	Reset Total, Vol = 26.10 bbl					
12/06/2015	22:20:00	0.0	0.0	0.0	0.0	Mudpush back at 160 bbl away					
12/06/2015	22:40:00	0.0	0.0	0.0	0.0	Cement back at 260 bbl (50 back)					
12/06/2015	23:00:00	0.0	0.0	0.0	0.0	Bump plug at 2400 Psi					

Well Whisper Rock 2C-25HZ 05123412960000	Field Wattenberg	Job Start Dec/07/2015	Customer Anadarko	Job Number CYUT-00137
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate		Total Slurry 610.0	Mud	Spacer 80.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final 0	Average	Bump Plug to 2400	Breakdown	Type FreshWater	Volume bbl		Density 8.34 lb/gal			
Avg. N2 Percent %		Designed Slurry Volume 590.0 bbl		Displacement 313.0 bbl		Mix Water Temp 63 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 50.0 bbl	
								Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative Company Representative				Schlumberger Supervisor Kara Cash				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
								-		-	