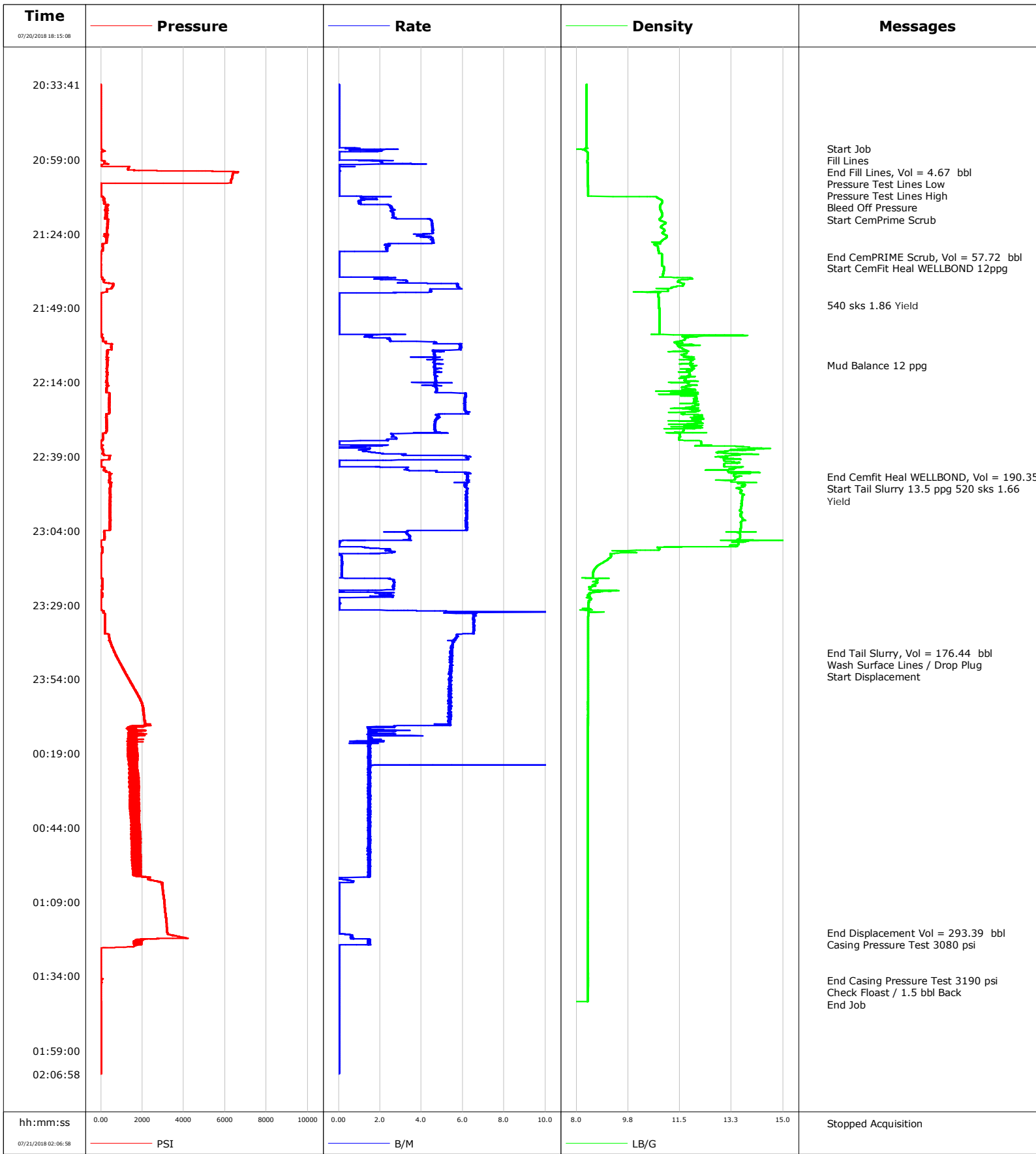


Well	Gracie 24-14HZ	Client	Anadarko
Field	Wattenberg	SIR No.	E0ZP-00401
Engineer	Adam Aasen	Job Type	Cem Prod Casing
Country	United States	Job Date	07-20-2018



				Customer			Job Number		
				Anadarko			E0ZP-00401		
Well		Location (legal)		Schlumberger Location			Job Start		
Gracie 24-14HZ				Cheyenne			Jul/20/2018		
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenberg				90 deg	7.9 in	12661.0 ft	ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	247 degF	230 degF	lb/gal		
Well Master		API/UWI							
0631764973		05123464450000							
Rig Name	Drilled For	Service Via		Casing/Liner					
Precision 461	Oil	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type		1847.0	9.6	36.0	J55	N/A	
	N/A	Development		12661.0	5.5	17.0	P-110	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
Oil Mud		9.50 lb/gal	64.000 cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type								
Cementing	Cem Prod Casing								
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole					
2800 psi	2800 psi			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Cement 5.5" Casing CemPRIME SCRUB: 57.7 bbl CemFit Heal WELLBOND: 190.35 bbl, 540sks, 1.86ft3/sk, MW 6.36gal/sk, MF 7.71gal/sk Tail: 176.44 bbl, 520sks, 1.66ft3/sk, MW 7.92gal/sk Disp: 293.3 bbl Final Circ Press: 1800 psi Bump Plug: 2320 psi CSG Press Test: 3080psi - 3190 spi end Open Wet Shoe Sub: 4234 psi - 3bbl Pumped				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Lift Pressure	psi		Shoe Type	Float		Squeeze Type			
Pipe Rotated	Pipe Reciprocated			Shoe Depth	12651.8 ft		Tool Type		
<input type="checkbox"/>	<input type="checkbox"/>								
No. Centralizers	Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth			
249	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	Float		Tail Pipe Depth			
Jul/20/2018 16:00	Jul/20/2018 13:00	Jul/21/2018 03:30				ft			
			Collar Depth	12642.8 ft		Sqz. Total Vol.			
						bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/20/2018	18:15:08	-0	0.0	8.38	0.0	Started Acquisition			
07/20/2018	20:55:16	-7	0.5	8.38	0.0	Start Job			
07/20/2018	20:56:00	86	1.4	8.30	0.0	Fill Lines			
07/20/2018	21:00:57	16	0.0	8.38	0.0	End Fill Lines, Vol = 4.67 bbl			
07/20/2018	21:01:03	16	0.0	8.38	0.0	Pressure Test Lines Low			
07/20/2018	21:07:38	3	0.0	8.39	0.0	Pressure Test Lines High			
07/20/2018	21:07:40	3	0.0	8.38	0.0	Bleed Off Pressure			
07/20/2018	21:07:53	4	0.0	8.39	0.0	Start CemPrime Scrub			
07/20/2018	21:31:43	0	0.0	10.89	0.0	End CemPRIME Scrub, Vol = 57.72 bbl			
07/20/2018	21:32:55	-1	0.0	10.89	0.0	Start CemFit Heal WELLBOND 12ppg			
07/20/2018	21:55:43	-4	0.0	10.81	0.0	Mud Balance 12 ppg			
07/20/2018	22:33:24	73	2.4	11.47	0.0	End Cemfit Heal WELLBOND, Vol = 190.35 bbl			
07/20/2018	22:33:27	72	2.4	11.47	0.0	Start Tail Slurry 13.5 ppg			
07/20/2018	23:28:30	-9	0.1	8.41	0.0	End Tail Slurry, Vol = 176.44 bbl			
07/20/2018	23:28:36	-9	0.1	8.40	0.0	Wash Surface Lines / Drop Plug			
07/20/2018	23:28:50	-9	0.0	8.41	0.0	Start Displacement			
07/21/2018	01:02:55	2968	0.0	8.38	0.0	End Displacement Vol = 293.39 bbl			
07/21/2018	01:03:00	2940	0.0	8.38	0.0	Casing Pressure Test 3080 psi			
07/21/2018	01:18:58	3200	0.0	8.38	0.0	End Casing Pressure Test 3190 psi			
07/21/2018	01:19:00	3201	0.0	8.38	0.0	Check Floast / 1.5 bbl Back			
07/21/2018	01:19:25	3206	0.0	8.38	0.0	End Job			

Well Gracie 24-14HZ	Field Wattenberg	Job Start Jul/20/2018	Customer Anadarko	Job Number E0ZP-00401
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry 366.8	Mud	Spacer 57.7	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final 0	Average	Bump Plug to 2300	Breakdown	Type FreshWater	Volume 800.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement 293.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input checked="" type="checkbox"/>	To ft		
Customer or Authorized Representative Alan Madsen			Schlumberger Supervisor Adam Aasen			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	