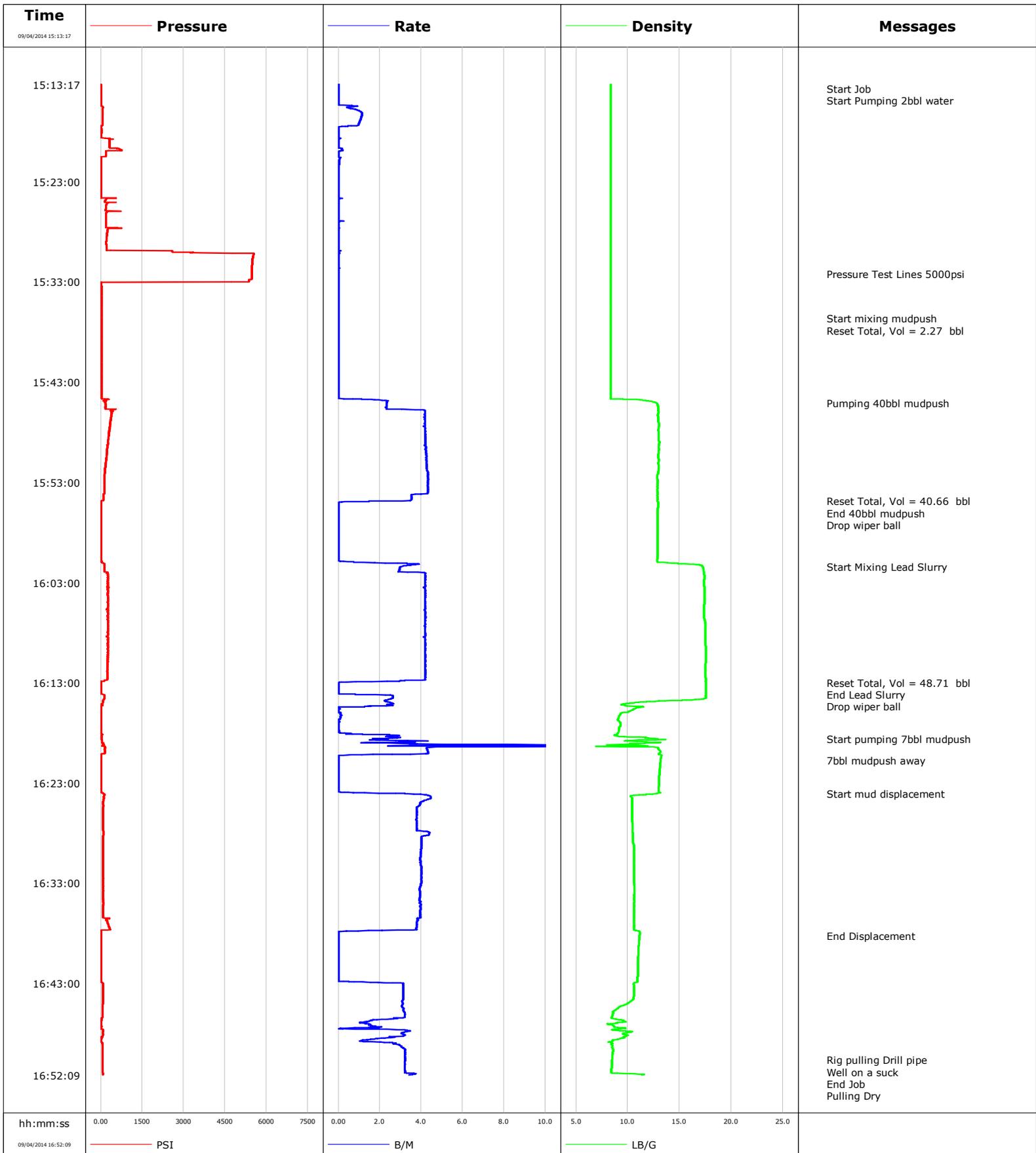


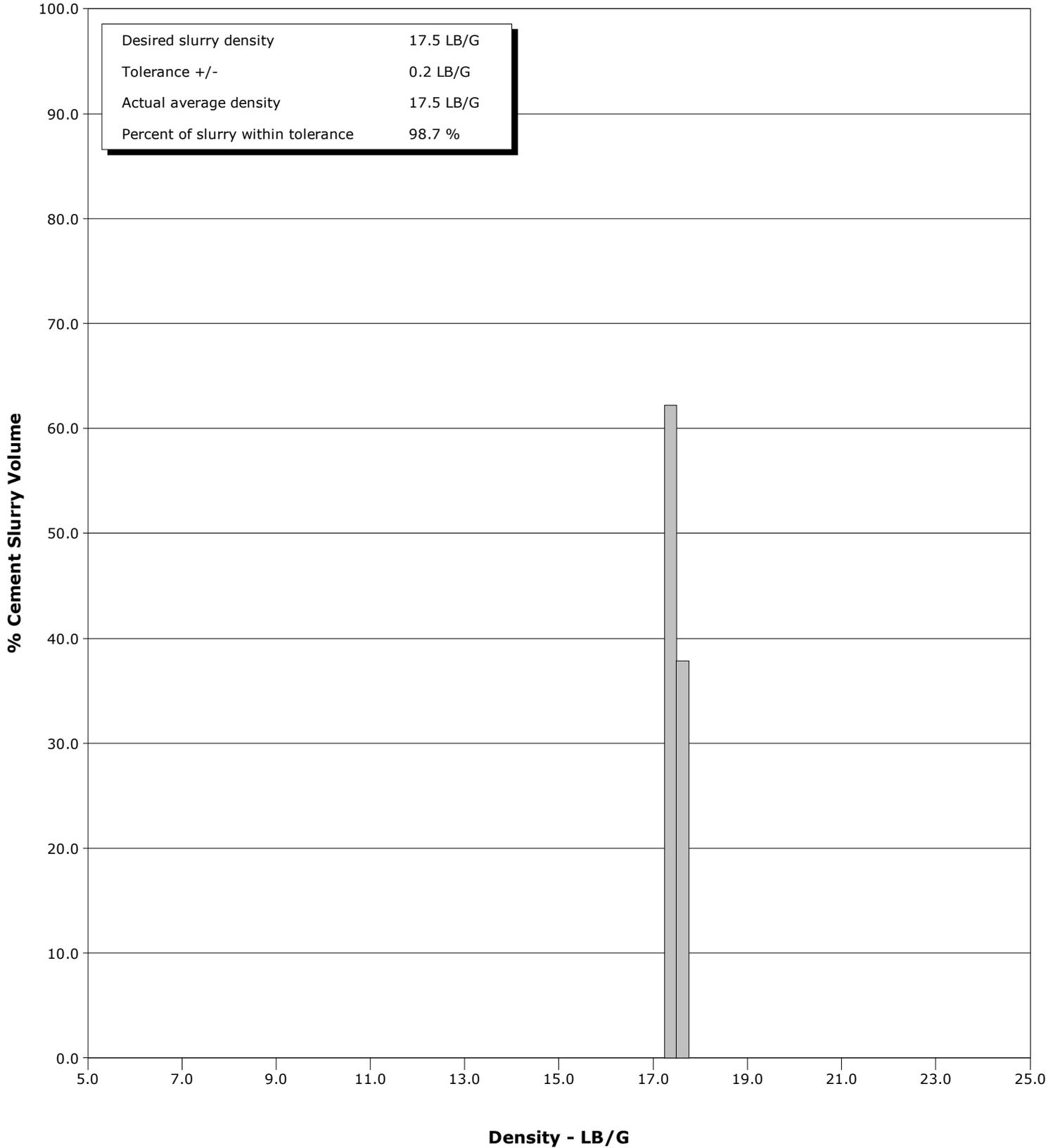
Well	Nelson Farms	Client	Extraction
Field	Wattenberg	SIR No.	C459-03099
Engineer	Chris Valerio/Charle Peavey	Job Type	Plug
Country	United States	Job Date	09-03-2014



Well Nelson Farms
Field Wattenberg
Engineer Chris Valerio/Charle Peavey
Country United States

Client Extraction
SIR No. C459-03099
Job Type Plug
Job Date 09-03-2014

Cement Slurry - 09/04/2014 16:01:30 to 09/04/2014 16:13:06



				Customer			Job Number				
				Extraction			C459-03099				
Well		Location (legal)			Schlumberger Location			Job Start			
Nelson Farms #1								Sep/04/2014			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD				
Wattenberg		Shale		deg	8.8 in	6750.0 ft	6750.0 ft				
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient				
Weld		Colorado		psi	201 degF	158 degF	lb/gal				
Well Master		API/UWI									
0631575761		05123399610000									
Rig Name	Drilled For	Service Via		Casing/Liner							
Extreme #7	Oil	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class	Well Type		750.0	9.6	36.0	K55	8RD			
	New	Development		0.0	0.0	0.0					
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe						
Other		10.50 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Service Line	Job Type										
Cementing	Plug										
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole							
1000 psi	psi	Drill pin		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval			
Service Instructions 40bbl Mudpush @ 13# Drop wiper ball 48bbl 298sks Plug CMT @ 17.5# .946 Yield 3.4 gal/sk water Drop wiper ball 7bbl mudpush @ 13# Displace 58bbl Mud				ft	ft			ft			
				ft	ft			Diameter			
				ft	ft			in			
				Treat Down		Displacement	Packer Type		Packer Depth		
Drill Pipe		58.3 bbl			ft						
Tubing Vol.		Casing Vol.	Annular Vol.		Openhole Vol.						
73.0 bbl		bbl	398.0 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			Squeeze Type				
Pipe Rotated		Pipe Reciprocated		Shoe Depth			Tool Type				
<input type="checkbox"/>		<input type="checkbox"/>		ft							
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type			Tool Depth			
								ft			
Cement Head Type				Stage Tool Depth			Tail Pipe Size				
				ft			in				
Job Scheduled For		Arrived on Location		Leave Location		Collar Type			Tail Pipe Depth		
Sep/04/2014 12:00		Sep/04/2014 12:00		Sep/04/2014 18:00					ft		
						Collar Depth			Sqz. Total Vol.		
						ft			bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
09/04/2014	15:13:17	3	0.0	8.35	0.0	Started Acquisition					
09/04/2014	15:13:43	4	0.0	8.35	0.0	Start Job					
09/04/2014	15:13:44	4	0.0	8.35	0.0	Start Pumping 2bbl water					
09/04/2014	15:18:17	12	0.0	8.35	2.0						
09/04/2014	15:23:17	5	0.0	8.35	2.2						
09/04/2014	15:28:17	222	0.0	8.35	2.2						
09/04/2014	15:32:10	5472	0.0	8.35	2.3	Pressure Test Lines 5000psi					
09/04/2014	15:33:17	3	0.0	8.35	2.3						
09/04/2014	15:36:39	30	0.0	8.35	2.3	Start mixing mudpush					
09/04/2014	15:36:42	30	0.0	8.35	2.3	Reset Total, Vol = 2.27 bbl					
09/04/2014	15:38:17	30	0.0	8.35	2.3						
09/04/2014	15:43:17	31	0.0	8.34	2.3						
09/04/2014	15:45:05	157	2.3	12.74	3.1	Pumping 40bbl mudpush					
09/04/2014	15:48:17	295	4.2	12.98	15.3						
09/04/2014	15:53:17	132	4.3	12.87	36.6						
09/04/2014	15:54:53	14	2.3	12.85	42.9	Reset Total, Vol = 40.66 bbl					
09/04/2014	15:55:02	4	0.0	12.92	43.0	End 40bbl mudpush					
09/04/2014	15:55:18	3	0.0	12.91	43.0	Drop wiper ball					
09/04/2014	15:58:17	5	0.0	12.87	43.0						
09/04/2014	16:01:22	137	3.1	17.23	44.2	Start Mixing Lead Slurry					
09/04/2014	16:03:17	252	4.2	17.37	51.5						

Well		Field		Job Start		Customer		Job Number	
Nelson Farms #1		Wattenberg		Sep/04/2014		Extraction		C459-03099	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
09/04/2014	16:13:01	8	0.0	17.55	91.6	Reset Total, Vol = 48.71 bbl			
09/04/2014	16:13:06	8	0.0	17.55	91.7	End Lead Slurry			
09/04/2014	16:13:17	8	0.0	17.55	91.7	Drop wiper ball			
09/04/2014	16:18:17	27	2.8	8.82	95.1				
09/04/2014	16:18:34	19	2.3	12.42	95.8	Start pumping 7bbl mudpush			
09/04/2014	16:20:45	5	0.0	13.17	102.8	7bbl mudpush away			
09/04/2014	16:23:17	6	0.0	13.00	102.8				
09/04/2014	16:24:04	97	3.2	12.78	102.9	Start mud displacement			
09/04/2014	16:28:17	89	4.2	10.48	119.6				
09/04/2014	16:33:17	90	4.0	10.63	139.6				
09/04/2014	16:38:13	6	0.0	11.14	156.9	End Displacement			
09/04/2014	16:38:17	5	0.0	11.13	156.9				
09/04/2014	16:43:17	78	3.1	10.59	158.1				
09/04/2014	16:48:17	66	3.1	9.83	172.0				
09/04/2014	16:50:40	62	3.2	8.48	178.6	Rig pulling Drill pipe			
09/04/2014	16:51:30	63	3.2	8.43	181.3	Well on a suck			
09/04/2014	16:51:50	64	3.2	8.41	182.4	End Job			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.5			4.0	183.5	0.0	44.2	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
358	0	267				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	bbl
%	47.0 bbl	0.0 bbl	68 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed
Justin Galore			Chris Valerio/Charle Peavey		-		<input checked="" type="checkbox"/>