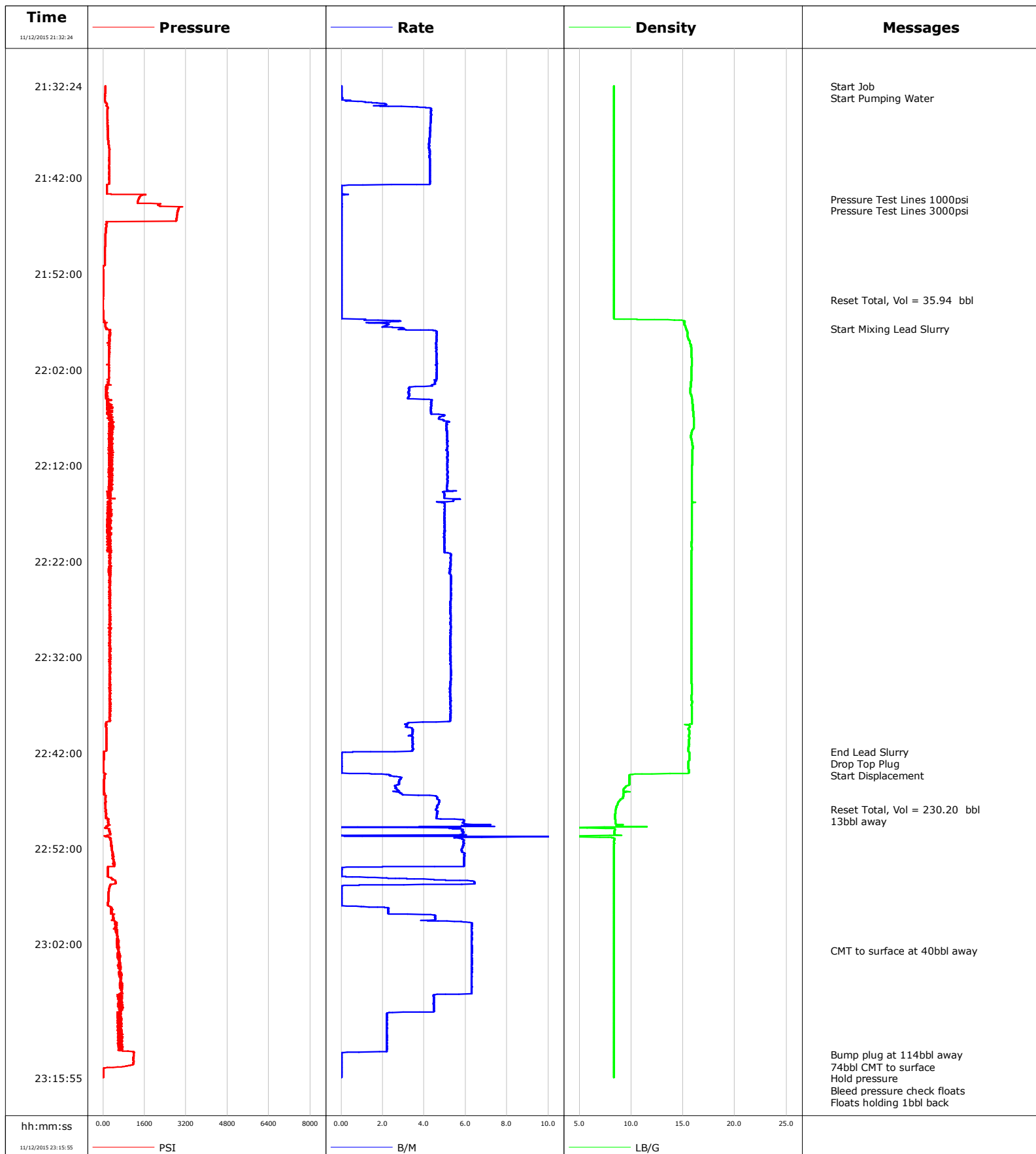


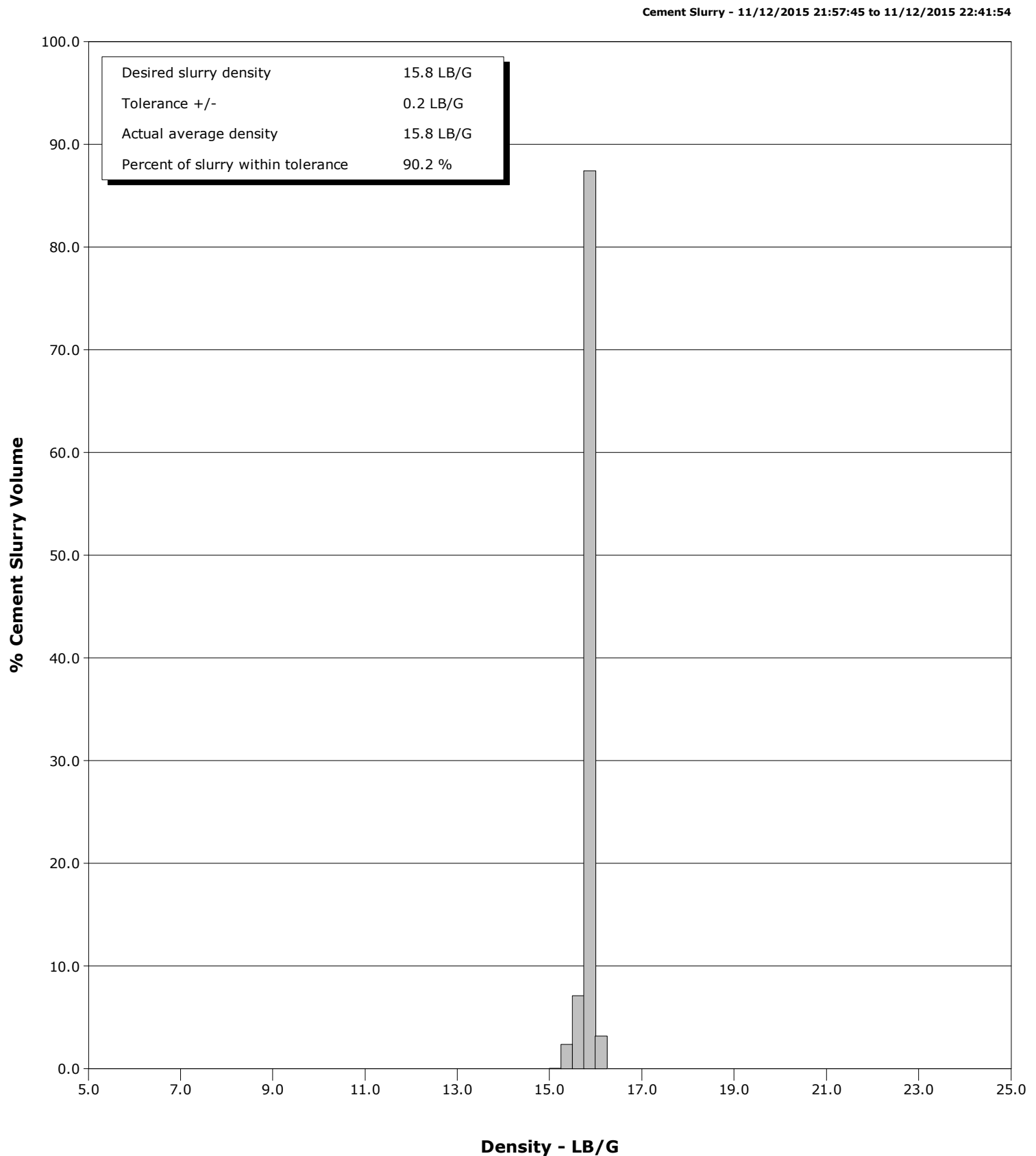
**Well** Thomas East  
**Field** DJ  
**Engineer** Chris Valerio/Jason Crick  
**Country** United States

**Client** Extraction  
**SIR No.** D5VO-00920  
**Job Type** Surface  
**Job Date** 11-12-2015



**Well** Thomas East  
**Field** DJ  
**Engineer** Chris Valerio/Jason Crick  
**Country** United States

**Client** Extraction  
**SIR No.** D5VO-00920  
**Job Type** Surface  
**Job Date** 11-12-2015



				Customer Extraction				Job Number D5VO-00920					
Well Thomas East 1			Location (legal)			Schlumberger Location			Job Start Nov/12/2015				
Field DJ		Formation Name/Type Shale		Deviation deg		Bit Size 13.5 in		Well MD 1532.0 ft		Well TVD 1532.0 ft			
County Weld		State/Province Colorado		BHP psi		BHST 100 degF		BHCT 84 degF		Pore Press. Gradient lb/gal			
Well Master 0631657416		API/UWI 05123422850000											
Rig Name Savanna #802		Drilled For Oil		Service Via Land		Casing/ Liner							
						Depth, ft		Size, in		Weight, lb/ft			
						1532.0		9.6		36.0			
Offshore Zone		Well Class New		Well Type Development		0.0		0.0		0.0			
Drilling Fluid Type Other		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in			
Service Line Cementing		Job Type Surface											
Max. Allowed Tub. Press 2500 psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft			
						ft		ft					
						ft		ft					
						ft		ft					
						Treat Down Casing		Displacement 115.3 bbl		Packer Type			
										Packer Depth ft			
						Tubing Vol. bbl		Casing Vol. 118.4 bbl		Annular Vol. 133.0 bbl			
										Openhole Vol. 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 759 psi				Shoe Type Float				Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1532.0 ft				Tool Type					
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth ft			
Cement Head Type Single						Stage Tool Depth ft				Tail Pipe Size in			
Job Scheduled For Nov/12/2015 16:30		Arrived on Location Nov/12/2015 16:30		Leave Location Nov/13/2015 00:30		Collar Type Float				Tail Pipe Depth ft			
						Collar Depth 1492.0 ft				Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
11/12/2015	21:32:24	81	0.0	8.33	0.0	Stopped Acquisition							
11/12/2015	21:32:25	81	0.0	8.33	0.0	Start Job							
11/12/2015	21:33:22	75	0.0	8.33	0.0	Start Pumping Water							
11/12/2015	21:37:24	180	4.3	8.33	12.8								
11/12/2015	21:42:24	239	4.3	8.33	34.1								
11/12/2015	21:44:14	1365	0.0	8.33	35.6	Pressure Test Lines 1000psi							
11/12/2015	21:45:25	2886	0.0	8.33	35.6	Pressure Test Lines 3000psi							
11/12/2015	21:47:24	112	0.0	8.33	35.6								
11/12/2015	21:52:24	15	0.0	8.33	35.6								
11/12/2015	21:54:45	-1	0.0	8.33	35.6	Reset Total, Vol = 35.94 bbl							
11/12/2015	21:57:24	84	2.2	15.17	36.9								
11/12/2015	21:57:45	116	3.0	15.29	37.7	Start Mixing Lead Slurry							
11/12/2015	22:02:24	219	4.6	15.77	58.8								
11/12/2015	22:07:24	277	5.0	16.02	79.7								
11/12/2015	22:12:24	239	5.1	15.85	105.3								
11/12/2015	22:17:24	156	5.0	15.84	130.6								
11/12/2015	22:22:24	282	5.3	15.80	155.9								
11/12/2015	22:27:24	264	5.3	15.79	182.2								
11/12/2015	22:32:24	251	5.2	15.77	208.6								
11/12/2015	22:37:24	248	5.3	15.83	234.9								
11/12/2015	22:41:54	5	1.4	15.54	252.8	End Lead Slurry							

Well			Field		Job Start	Customer		Job Number
Thomas East 1			DJ		Nov/12/2015	Extraction		D5VO-00920
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/12/2015	22:42:01	27	0.0	15.60	252.8	Start Displacement		
11/12/2015	22:42:24	25	0.0	15.59	252.8			
11/12/2015	22:47:24	88	4.7	8.67	263.3			
11/12/2015	22:47:55	88	4.6	8.50	265.7	Reset Total, Vol = 230.20 bbl		
11/12/2015	22:48:16	106	4.6	8.46	267.3	13bbl away		
11/12/2015	22:52:24	358	5.9	8.34	290.0			
11/12/2015	22:57:24	197	0.0	8.33	303.0			
11/12/2015	23:02:24	610	6.3	8.33	325.6			
11/12/2015	23:02:39	587	6.3	8.33	327.1	CMT to surface at 40bbl away		
11/12/2015	23:07:24	605	4.4	8.33	356.7			
11/12/2015	23:12:24	663	2.2	8.32	371.5			
11/12/2015	23:13:30	1185	0.0	8.32	373.4	Bump plug at 114bbl away		
11/12/2015	23:13:49	1167	0.0	8.32	373.4	74bbl CMT to surface		
11/12/2015	23:13:57	1169	0.0	8.32	373.4	Hold pressure		
11/12/2015	23:14:29	1167	0.0	8.32	373.4	Bleed pressure check floats		
11/12/2015	23:15:29	15	0.0	8.32	373.4	Floats holding 1bbl back		

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 4.2	N2	Mud	Maximum Rate 6.0	Total Slurry 209.0	Mud 0.0	Spacer 36.0	N2				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 1169	Final 15	Average 329	Bump Plug to 1169	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %		Designed Slurry Volume 209.0 bbl		Displacement 114.0 bbl		Mix Water Temp 74 degF		Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume 74.0 bbl	
								Washed Thru Perfs	<input type="checkbox"/>	To ft	
Customer or Authorized Representative Shawn McIntyre				Schlumberger Supervisor Chris Valerio/Jason Crick				Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
								-		-	