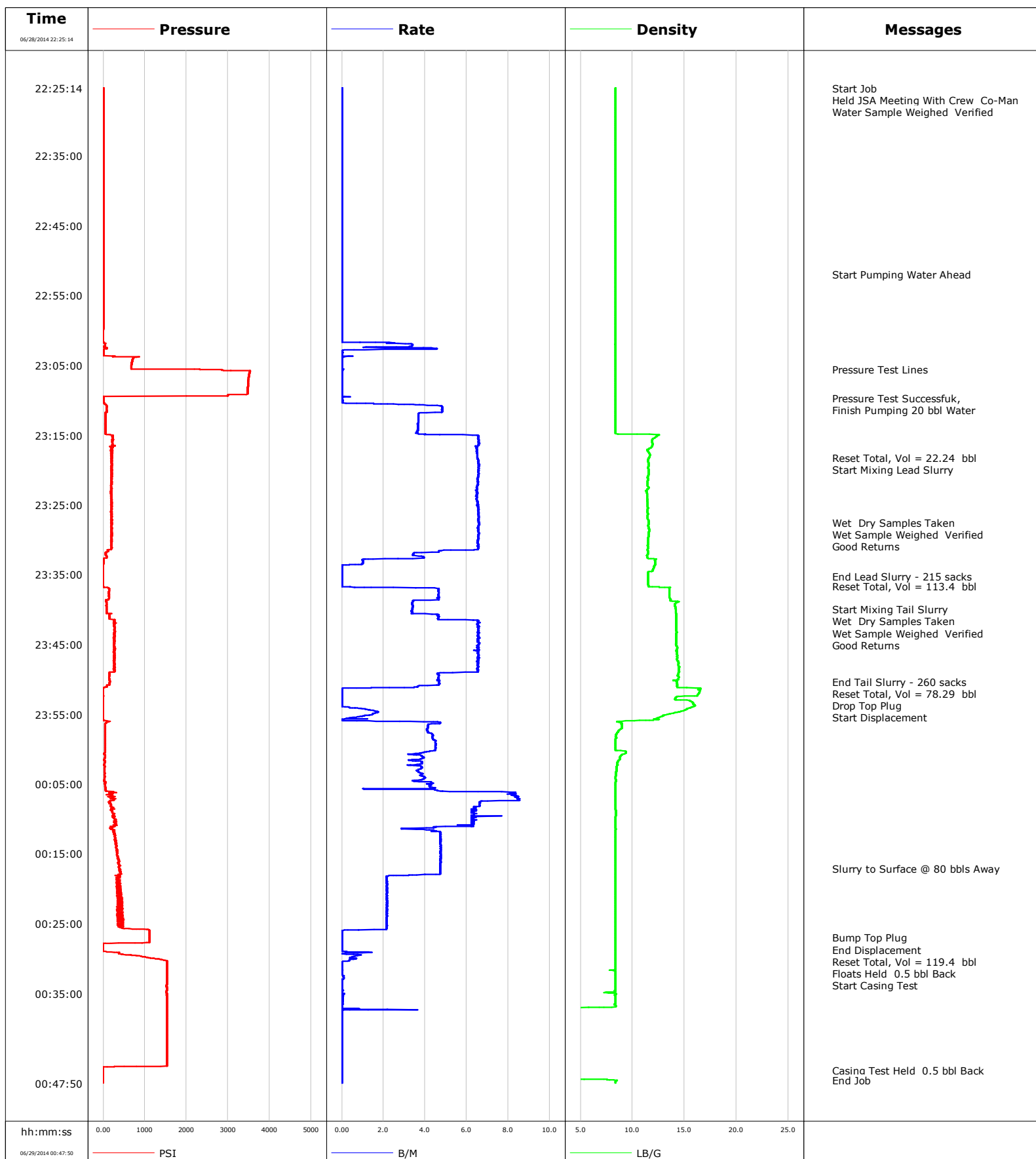


Well Horsetail 30F-3105
Field Wildcat
Engineer Jason Holt
Country United States

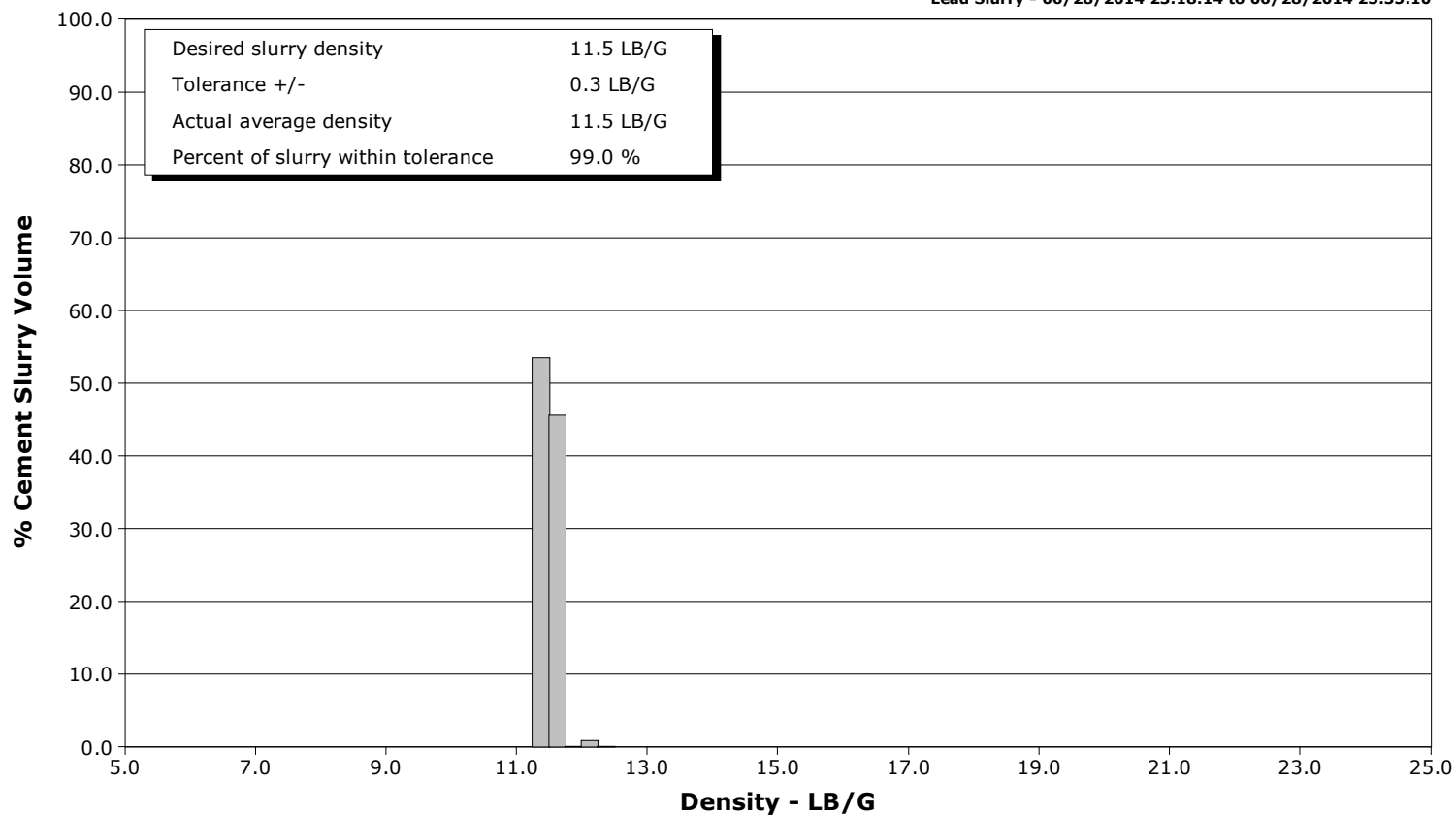
Client Whiting Oil Gas
SIR No. D0XZ-00059
Job Type Surface
Job Date 06-28-2014



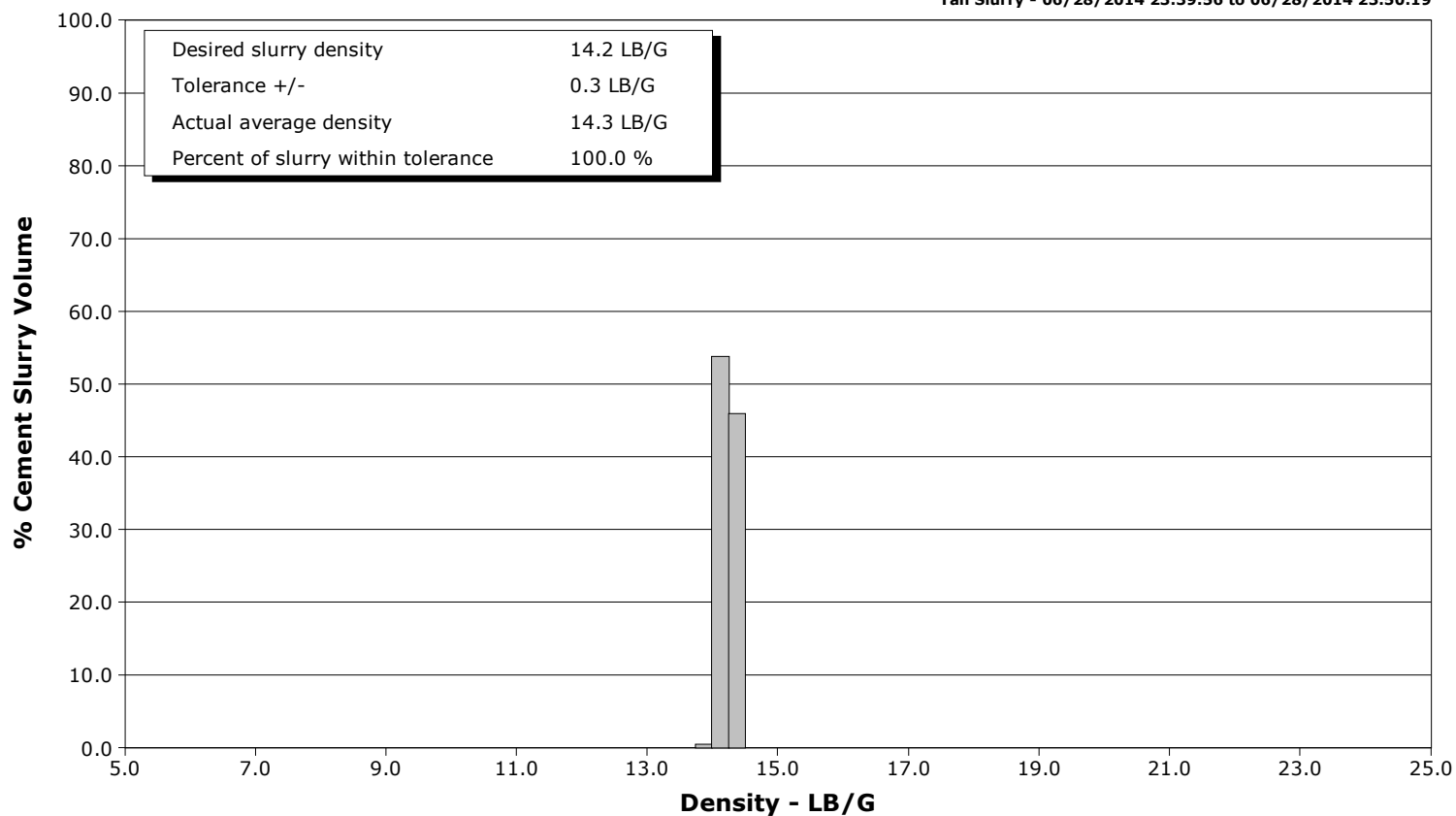
Well Horsetail 30F-3105
Field Wildcat
Engineer Jason Holt
Country United States

Client Whiting Oil Gas
SIR No. D0XZ-00059
Job Type Surface
Job Date 06-28-2014

Lead Slurry - 06/28/2014 23:18:14 to 06/28/2014 23:35:10



Tail Slurry - 06/28/2014 23:39:56 to 06/28/2014 23:50:19



				Customer Whiting Oil & Gas			Job Number D0XZ-00059						
Well Horsetail 30F-3105 0631546516			Location (legal) SENW 30-T10N-R57W			Schlumberger Location Rock Springs			Job Start Jun/28/2014				
Field Wildcat		Formation Name/Type Dirty-Sandstone			Deviation deg		Bit Size 13.5 in		Well MD 1588.0 ft		Well TVD 1588.0 ft		
County Weld		State/Province Colorado			BHP 390 psi		BHST 99 degF		BHCT 83 degF		Pore Press. Gradient lb/gal		
Well Master 0631546516		API/UWI 05-123-39202000											
Rig Name Xtreme 18		Drilled For Oil		Service Via Land		Casing/Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						1588.0		9.6		36.0		J-55	
Offshore Zone		Well Class New		Well Type Exploration		0.0		0.0		0.0			
Drilling Fluid Type Bentonite		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in		Weight, lb/ft	
Service Line Cementing		Job Type Surface											
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8"		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft					
						ft		ft				Diameter	
						ft		ft				in	
						Treat Down Casing		Displacement 119.4 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 122.8 bbl		Annular Vol. 138.2 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 786 psi						Shoe Type Guide				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 1631.7 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 Jun/28/2014		Arrived on Location Jun/28/2014		Leave Location Jun/28/2014		Collar Type Float				Tail Pipe Depth ft			
						Collar Depth 1588.0 ft				Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
06/28/2014	22:25:14	2	0.0	8.36	0.0	Started Acquisition							
06/28/2014	22:25:17	2	0.0	8.36	0.0	Start Job							
06/28/2014	22:25:20	3	0.0	8.36	0.0	Held JSA Meeting With Crew Co-Man							
06/28/2014	22:30:14	3	0.0	8.36	0.0								
06/28/2014	22:35:14	2	0.0	8.36	0.0								
06/28/2014	22:40:14	2	0.0	8.36	0.0								
06/28/2014	22:45:14	2	0.0	8.36	0.0								
06/28/2014	22:50:14	2	0.0	8.36	0.0								
06/28/2014	22:51:53	2	0.0	8.36	0.0	Start Pumping Water Ahead							
06/28/2014	22:55:14	2	0.0	8.36	0.0								
06/28/2014	23:00:14	-0	0.0	8.36	0.0								
06/28/2014	23:05:14	674	0.0	8.35	3.3								
06/28/2014	23:05:32	672	0.0	8.35	3.3	Pressure Test Lines							
06/28/2014	23:09:42	11	0.0	8.35	3.4	Pressure Test Successfuk,							
06/28/2014	23:10:13	7	0.0	8.35	3.4	Finish Pumping 20 bbl Water							
06/28/2014	23:10:14	7	0.0	8.35	3.4								
06/28/2014	23:15:14	233	6.6	12.29	22.8								
06/28/2014	23:18:13	207	6.5	11.60	42.2	Reset Total, Vol = 22.24 bbl							
06/28/2014	23:18:14	209	6.5	11.60	42.4	Start Mixing Lead Slurry							
06/28/2014	23:20:14	205	6.6	11.55	55.5								
06/28/2014	23:25:14	199	6.5	11.47	88.1								

Well			Field		Job Start		Customer		Job Number		
Horsetail 30F-3105 0631546516			Wildcat		Jun/28/2014		Whiting Oil & Gas		D0XZ-00059		
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/28/2014	23:27:52	193		6.6	11.52	105.4	Wet Sample Weighed Verified				
06/28/2014	23:28:07	203		6.5	11.53	107.0	Good Returns				
06/28/2014	23:30:14	182		6.5	11.48	120.9					
06/28/2014	23:35:10	-5		0.0	11.49	134.8	End Lead Slurry				
06/28/2014	23:35:14	-4		0.0	11.49	134.8					
06/28/2014	23:36:42	10		0.0	11.55	134.8	Reset Total, Vol = 113.4 bbl				
06/28/2014	23:39:56	82		3.4	14.16	147.5	Start Mixing Tail Slurry				
06/28/2014	23:40:14	76		3.3	14.17	148.5					
06/28/2014	23:40:17	75		3.3	14.18	148.7	Wet Dry Samples Taken				
06/28/2014	23:41:54	275		6.6	14.22	156.6	Wet Sample Weighed Verified				
06/28/2014	23:43:44	267		6.5	14.23	168.6	Good Returns				
06/28/2014	23:45:14	269		6.5	14.26	178.5					
06/28/2014	23:50:14	162		4.7	14.24	208.9					
06/28/2014	23:50:19	161		4.7	14.28	209.3	End Tail Slurry				
06/28/2014	23:51:22	-0		0.0	16.57	213.1	Reset Total, Vol = 78.29 bbl				
06/28/2014	23:51:27	-1		0.0	16.32	213.1	Drop Top Plug				
06/28/2014	23:51:28	-0		0.0	16.29	213.1	Start Displacement				
06/28/2014	23:55:14	-5		1.0	12.94	214.7					
06/29/2014	00:00:14	39		4.4	9.12	233.5					
06/29/2014	00:05:14	46		4.2	8.36	252.6					
06/29/2014	00:10:14	282		6.2	8.37	285.4					
06/29/2014	00:15:14	336		4.7	8.35	309.9					
06/29/2014	00:17:08	393		4.7	8.35	318.9	Slurry to Surface @ 80 bbls Away				
06/29/2014	00:20:14	415		2.2	8.35	327.9					
06/29/2014	00:25:14	358		2.2	8.35	338.7					
06/29/2014	00:26:58	1112		0.0	8.36	340.1	Bump Top Plug				
06/29/2014	00:27:00	1111		0.0	8.36	340.1	End Displacement				
06/29/2014	00:27:02	1111		0.0	8.36	340.1	Reset Total, Vol = 119.4 bbl				
06/29/2014	00:27:50	44		0.0	8.36	340.1	Floats Held 0.5 bbl Back				
06/29/2014	00:30:14	1473		0.4	8.36	340.9					
06/29/2014	00:30:53	1528		0.0	8.36	340.9	Start Casing Test				
06/29/2014	00:35:14	1524		0.1	8.28	341.0					
06/29/2014	00:40:14	1529		0.0	0.00	341.3					
06/29/2014	00:45:14	1530		0.0	0.00	341.3					
06/29/2014	00:46:03	-5		0.0	0.00	341.3	Casing Test Held 0.5 bbl Back				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.8	N2	Mud	Maximum Rate 8.6		Total Slurry 191.7	Mud 0.0	Spacer 20.2	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3545	Final -3	Average 421	Bump Plug to 889	Breakdown	Type FreshWater	Volume 119.4 bbl		Density 8.34 lb/gal
Avg. N2 Percent %		Designed Slurry Volume 182.0 bbl		Displacement 119.4 bbl	Mix Water Temp 72 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 39.4 bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Lewis Young				Schlumberger Supervisor Jason Holt			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
							-	-