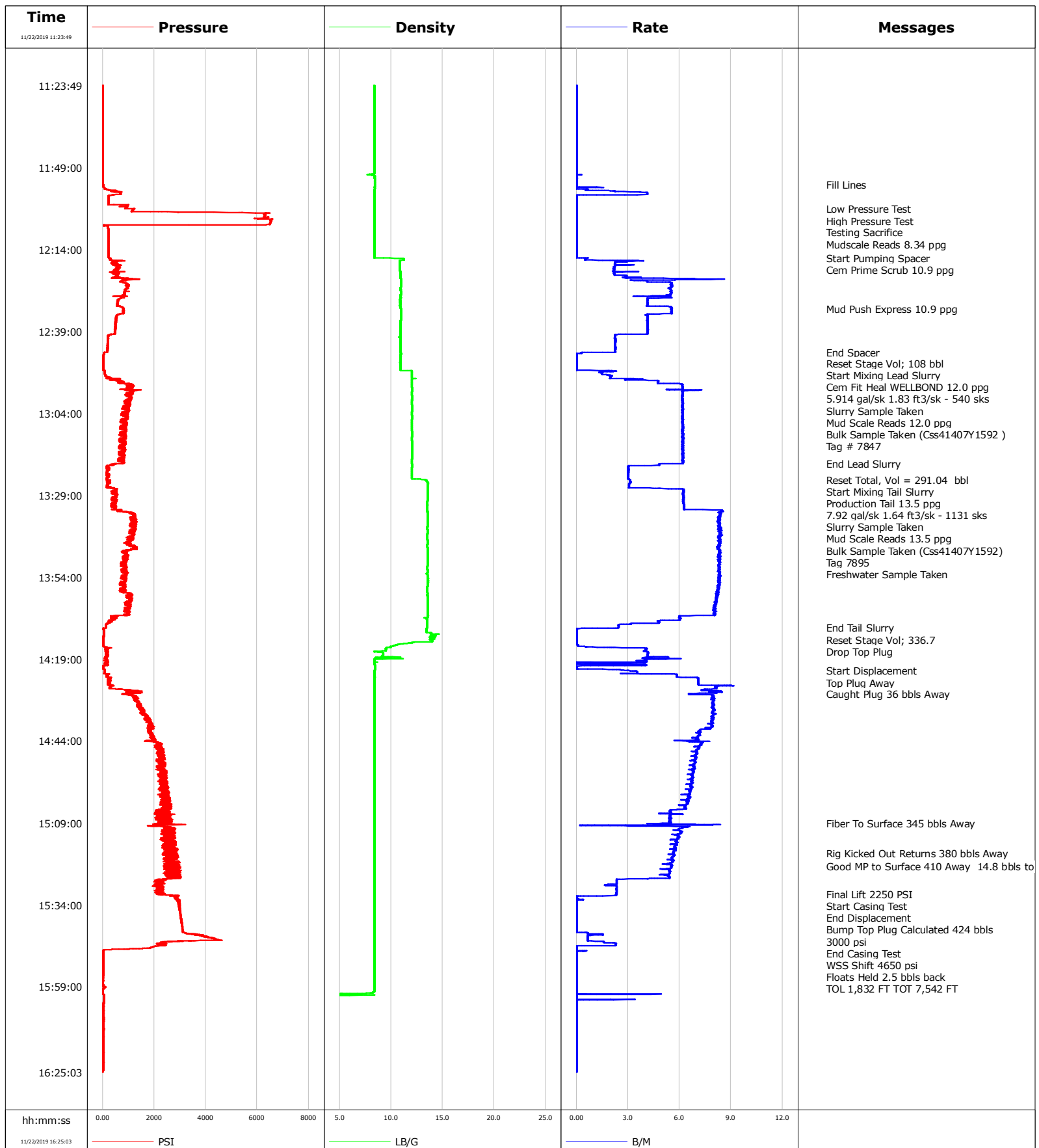


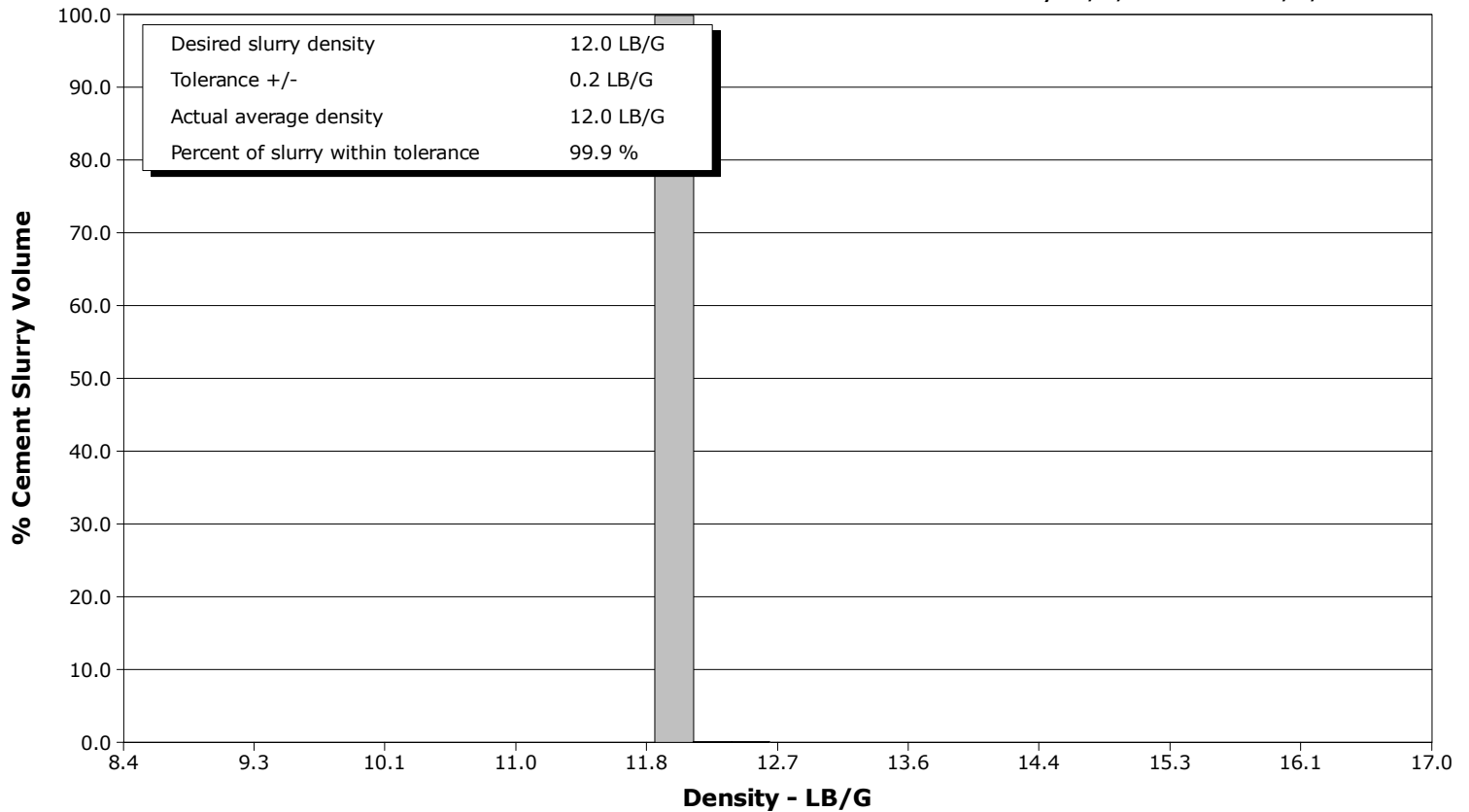
Well	Jodster South 25-11HZ	Client	Anadarko
Field	Wattenburg	SIR No.	3093139
Engineer	Jermarco Arrington / Sheldon Bell	Job Type	Cem Prod Casing
Country	North America	Job Date	11.22.19



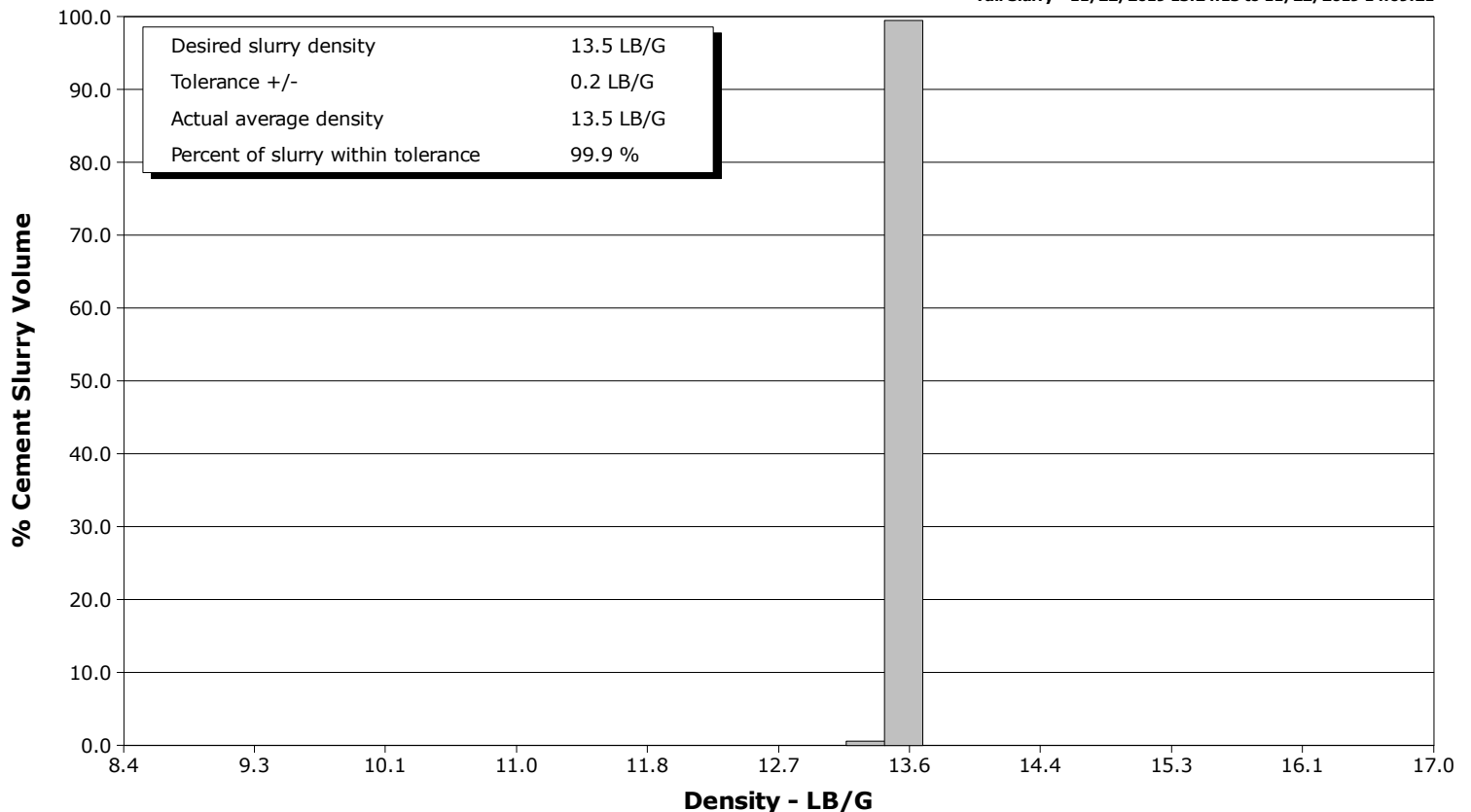
Well Jodster South 25-11HZ
Field Wattenburg
Engineer Jermarco Arrington / Sheldon Bell
Country North America

Client Anadarko
SIR No. 3093139
Job Type Cem Prod Casing
Job Date

Lead Slurry - 11/22/2019 12:50:56 to 11/22/2019 13:19:21



Tail Slurry - 11/22/2019 13:24:13 to 11/22/2019 14:09:21



Cementing Service Report

				Customer Anadarko				Job Number 3093139			
Well Jodster South 25-11HZ			Location (legal) Loveland			Schlumberger Location			Job Start Nov/22/2019		
Field Wattenburg		Formation Name/Type		Deviation deg		Bit Size 7.9 in		Well MD 18319.0 ft		Well TVD 7.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal	
Well Master 0065912236		API/UWI 05-069-06519-00-00									
Rig Name P-564		Drilled For Oil		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type New Well Completion		1915.0		9.6		36.0	
						18319.3		5.5		17.0	
										J55	
										8RD	
										P110	
										N/A	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type Cem Prod Casing									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 424.8 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 425.0 bbl		Annular Vol. 598.6 bbl	
										Openhole Vol. 506.9 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools				Squeeze Job	
Lift Pressure 2225 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 18319.3 ft				Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type				Tool Depth ft	
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Nov/22/2019 04:00		Arrived on Location Nov/22/2019 04:00		Leave Location Nov/22/2019 12:00		Collar Type Other				Tail Pipe Depth ft	
						Collar Depth 18310.3 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENSITY LB/G	CPF1_TTL_RATE B/M	Message						
11/22/2019	11:23:49	16	8.38	0.0	Started Acquisition						
11/22/2019	11:54:00	13	8.42	0.0	Fill Lines						
11/22/2019	12:01:28	1255	8.39	0.0	Low Pressure Test						
11/22/2019	12:02:56	6307	8.39	0.0	High Pressure Test						
11/22/2019	12:04:41	6570	8.39	0.0	Testing Sacrifice						
11/22/2019	12:05:00	6497	8.39	0.0	Mudscale Reads 8.34 ppg						
11/22/2019	12:16:34	267	9.91	0.6	Start Pumping Spacer						
11/22/2019	12:17:00	306	11.24	0.5	Cem Prime Scrub 10.9 ppg						
11/22/2019	12:31:56	807	10.93	5.5	Mud Push Express 10.9 ppg						
11/22/2019	12:45:26	68	10.91	0.3	End Spacer						
11/22/2019	12:48:37	34	10.89	0.0	Reset Stage Vol; 108 bbl						
11/22/2019	12:50:56	86	11.98	1.9	Start Mixing Lead Slurry						
11/22/2019	12:53:00	268	12.02	2.0	Cem Fit Heal WELLBOND 12.0 ppg						
11/22/2019	12:55:00	1114	12.03	6.1	5.914 gal/sk 1.83 ft3/sk						
11/22/2019	12:56:00	1018	12.03	6.1	Slurry Sample Taken						
11/22/2019	12:57:14	1196	12.04	6.2	Mud Scale Reads 12.0 ppg						
11/22/2019	12:58:26	1134	12.02	6.2	Bulk Sample Taken (C541407Y1592)						
11/22/2019	12:59:00	1091	12.04	6.1	Tag # 7847						
11/22/2019	13:19:21	550	12.01	5.4	End Lead Slurry						
11/22/2019	13:24:10	162	13.18	3.1	Reset Total, Vol = 291.04 bbl						
11/22/2019	13:24:13	165	13.27	3.1	Start Mixing Tail Slurry						

Well			Field	Job Start	Customer	Job Number
Jodster South 25-11HZ			Wattenburg	Nov/22/2019	Anadarko	3093139
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENSITY LB/G	CPF1_TTL_RATE B/M	Message	
11/22/2019	13:26:03	233	13.53	3.1	7.92 gal/sk 1.64 ft3/sk	
11/22/2019	13:27:03	518	13.53	6.2	Slurry Sample Taken	
11/22/2019	13:29:03	509	13.53	6.2	Mud Scale Reads 13.5 ppg	
11/22/2019	13:37:00	1232	13.53	8.2	Bulk Sample Taken (Ccs41407Y1592)	
11/22/2019	13:38:00	1055	13.54	8.3	Tag 7895	
11/22/2019	13:39:23	1094	13.52	8.2	Freshwater Sample Taken	
11/22/2019	14:09:21	122	13.48	2.4	End Tail Slurry	
11/22/2019	14:10:57	40	13.86	0.0	Reset Stage Vol; 336.7	
11/22/2019	14:14:27	37	10.81	0.0	Drop Top Plug	
11/22/2019	14:22:28	85	8.39	3.0	Start Displacement	
11/22/2019	14:23:55	157	8.40	5.8	Top Plug Away	
11/22/2019	14:28:30	1003	8.39	7.3	Caught Plug 36 bbls Away	
11/22/2019	15:09:15	2047	8.39	4.1	Fiber To Surface 345 bbls Away	
11/22/2019	15:18:16	2786	8.39	5.6	Rig Kicked Out Returns 380 bbls Away	
11/22/2019	15:22:16	2523	8.39	5.5	Good MP to Surface 410 Away 14.8 bbls to Surface	
11/22/2019	15:30:44	2156	8.38	2.3	Final Lift 2250 PSI	
11/22/2019	15:31:00	2494	8.39	2.3	Start Casing Test	
11/22/2019	15:31:40	2850	8.39	0.0	Bump Top Plug Calculated 424 bbls	
11/22/2019	15:32:00	2817	8.39	0.0	3000 psi	
11/22/2019	15:42:30	3159	8.39	0.6	End Casing Test	
11/22/2019	15:44:49	4582	8.38	0.6	WSS Shift 4650 psi	
11/22/2019	15:48:13	20	8.39	0.2	Floats Held 2.5 bbls back	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 5.7	N2	Mud	Maximum Rate 9.1	Total Slurry 509.0	Mud 0.0	Spacer 108.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 6574	Final 3095	Average 1094	Bump Plug to 3000	Breakdown	Type FreshWater	Volume 434.8 bbl	Density 8.34 lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 508.0 bbl		Displacement 424.0 bbl	Mix Water Temp 68 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
						Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative James Atkins/ Steve Martinez			Schlumberger Supervisor Jermarco Arrington / Sheldon Bell			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
						-	-		