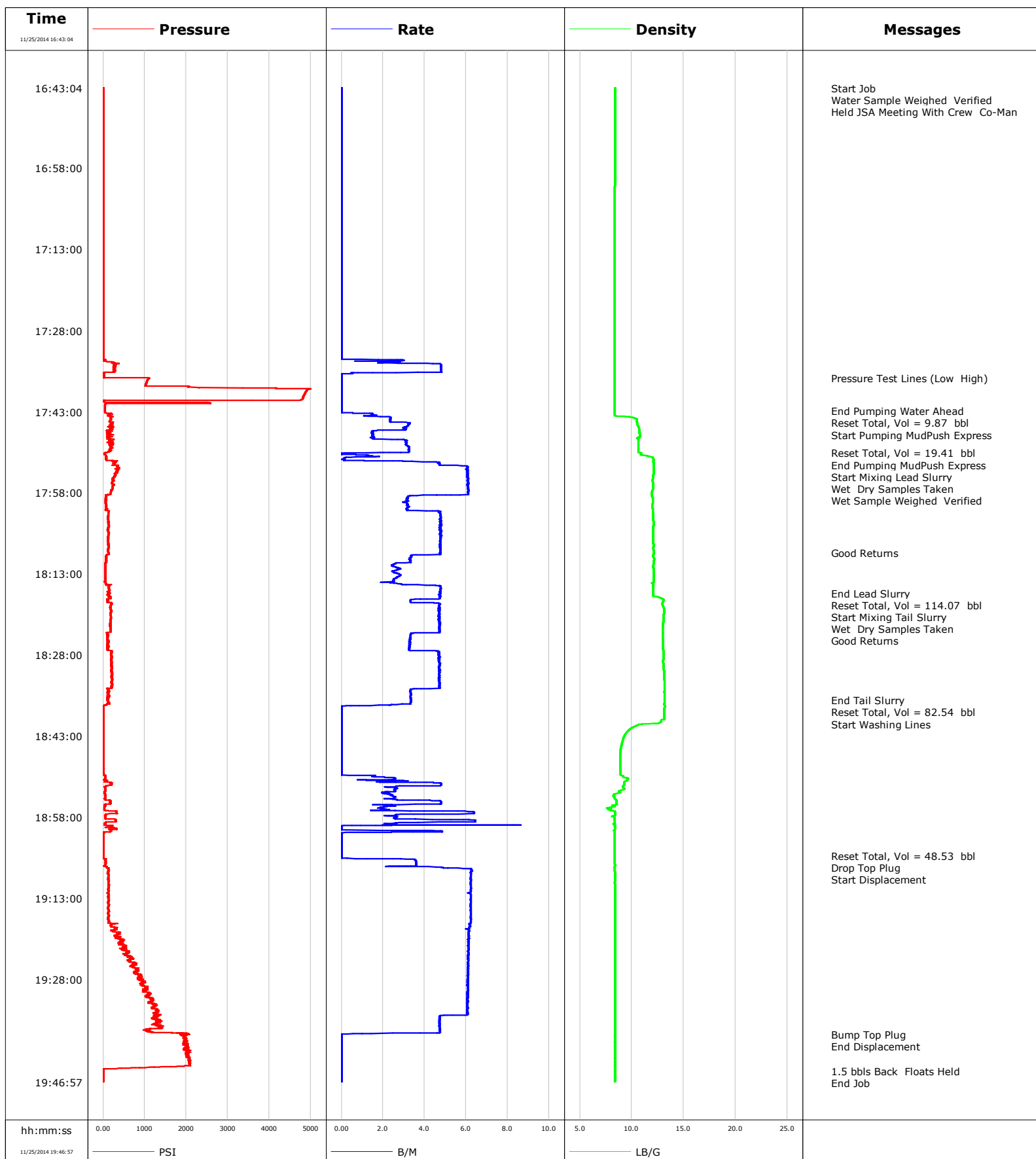


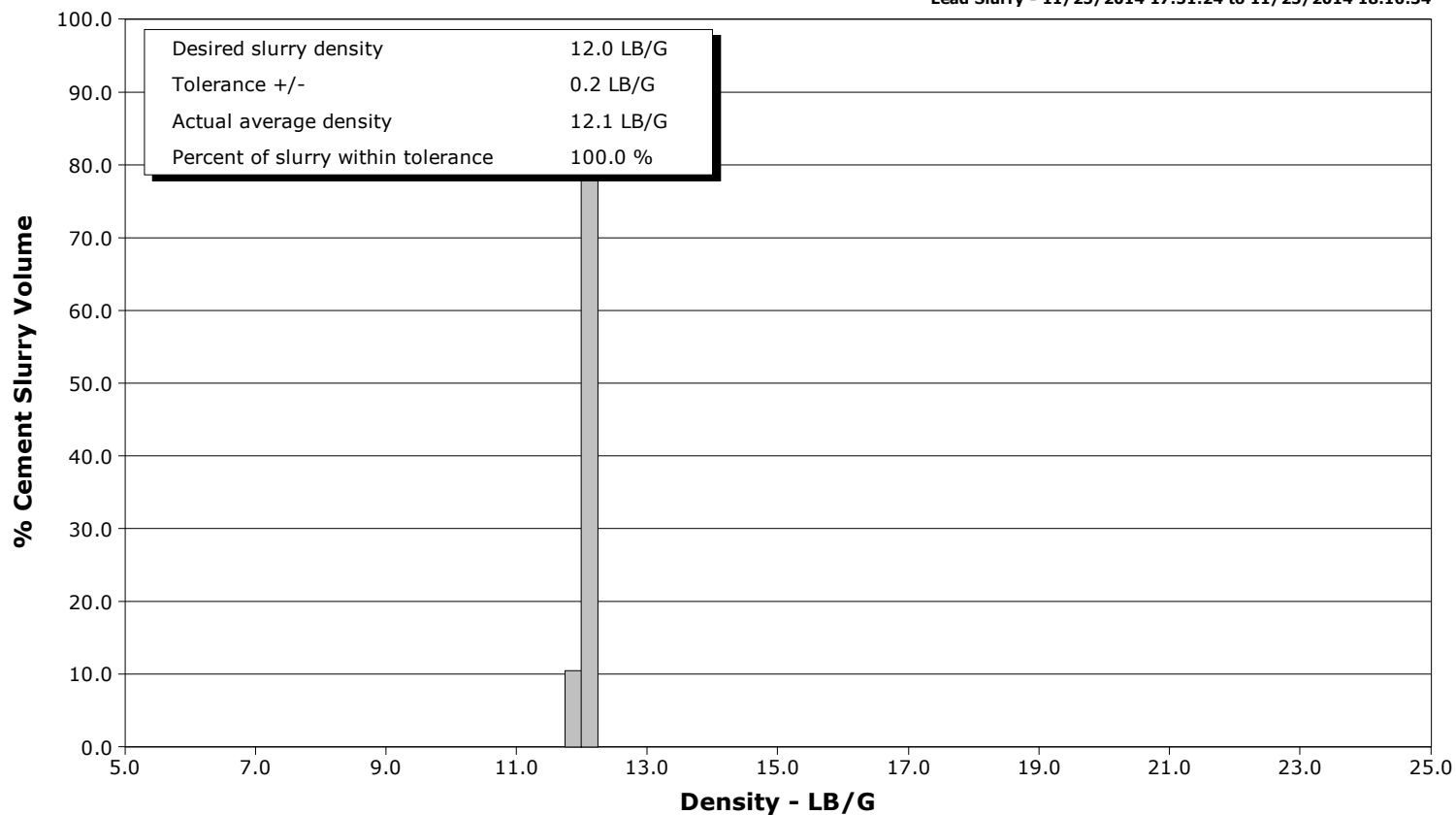
Well	Gaede A9S-55W-05-85	Client	Cascade Petroleum
Field	Wild Cat	SIR No.	D40W-00286
Engineer	Jason Holt	Job Type	5 1/2" Production
Country	United States	Job Date	11-25-2014



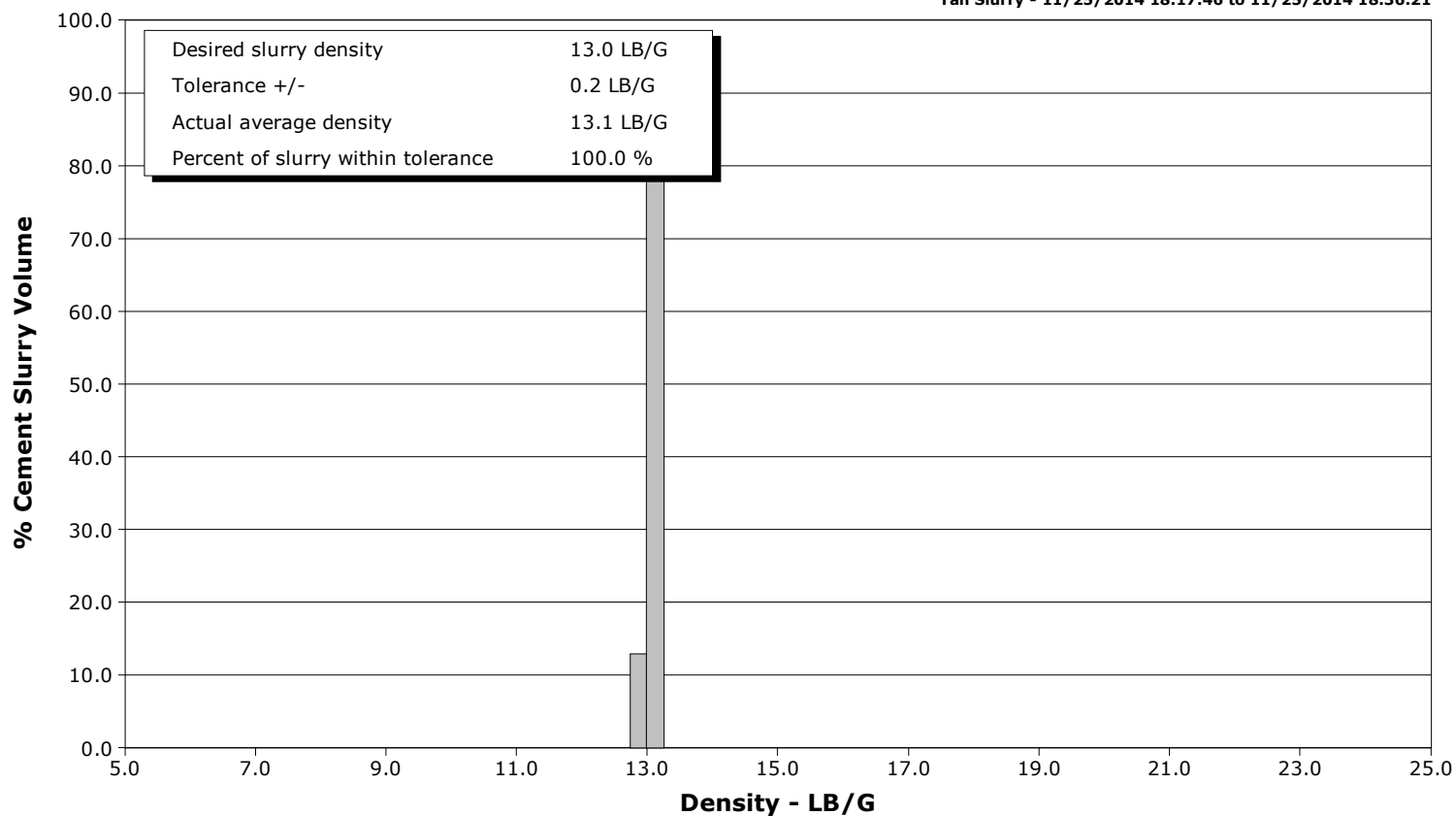
Well Gaede A9S-55W-05-85
Field Wild Cat
Engineer Jason Holt
Country United States

Client Cascade Petroleum
SIR No. D40W-00286
Job Type 5 1/2" Production
Job Date 11-25-2014

Lead Slurry - 11/25/2014 17:51:24 to 11/25/2014 18:16:34



Tail Slurry - 11/25/2014 18:17:46 to 11/25/2014 18:36:21



				Customer Cascade Petroleum			Job Number D40W-00286	
Well Gaede A9S-55W-05-85 A9S-55W-05-85			Location (legal) Sec 8-T9S-R55W		Schlumberger Location Cheyenne, WY		Job Start Nov/25/2014	
Field Wild Cat		Formation Name/Type Shale		Deviation deg	Bit Size 7.9 in	Well MD 8000.0 ft		Well TVD 7996.3 ft
County Lincoln		State/Province Colorado		BHP psi	BHST 188 degF	BHCT 162 degF		Pore Press. Gradient lb/gal
Well Master		API/UWI 05-073-06669						
Rig Name Xtreme 11	Drilled For Oil		Service Via Land	Casing/Liner				
	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class New		Well Type Other	7977.3	5.5	17.0	L-80	LTC
	0.0	0.0	0.0					
Drilling Fluid Type Bentonite		Max. Density 9.10 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe				
T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Service Line Cementing	Job Type 5 1/2" Production							
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi		WH Connection 5 1/2"	Perforations/Open Hole				
	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft			
Service Instructions	ft	ft						
	ft	ft			Diameter in			
	ft	ft						
Treat Down Casing		Displacement 184.5 bbl		Packer Type		Packer Depth ft		
Tubing Vol. bbl		Casing Vol. 185.4 bbl		Annular Vol. 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 5708 psi		Shoe Type Float		Squeeze Type				
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Depth 7977.3 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/25/2014		Arrived on Location Nov/25/2014	Leave Location Nov/25/2014	Collar Type Float		Tail Pipe Depth ft		
				Collar Depth 7937.3 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/25/2014	16:43:04	5	0.0	8.38	0.0	Started Acquisition		
11/25/2014	16:43:05	5	0.0	8.38	0.0	Water Sample Weighed Verified		
11/25/2014	16:43:06	5	0.0	8.38	0.0	Held JSA Meeting With Crew Co-Man		
11/25/2014	16:48:04	5	0.0	8.39	0.0			
11/25/2014	16:53:04	5	0.0	8.39	0.0			
11/25/2014	16:58:04	5	0.0	8.39	0.0			
11/25/2014	17:03:04	5	0.0	8.37	0.0			
11/25/2014	17:08:04	5	0.0	8.37	0.0			
11/25/2014	17:13:04	3	0.0	8.37	0.0			
11/25/2014	17:18:04	3	0.0	8.37	0.0			
11/25/2014	17:23:04	3	0.0	8.36	0.0			
11/25/2014	17:28:04	4	0.0	8.37	0.0			
11/25/2014	17:33:04	2	0.0	8.37	0.0			
11/25/2014	17:36:49	1118	0.0	8.37	9.9	Pressure Test Lines (Low High)		
11/25/2014	17:38:04	1026	0.0	8.37	9.9			
11/25/2014	17:42:51	41	0.0	8.37	0.0	End Pumping Water Ahead		
11/25/2014	17:42:53	40	0.0	8.37	0.0	Reset Total, Vol = 9.87 bbl		
11/25/2014	17:42:57	41	0.0	8.37	0.0	Start Pumping MudPush Express		
11/25/2014	17:43:04	40	0.0	8.37	0.0			
11/25/2014	17:48:04	98	1.6	10.65	10.5			
11/25/2014	17:50:39	47	0.3	10.92	18.4	Reset Total, Vol = 19.41 bbl		

Well			Field		Job Start	Customer	Job Number
Gaede A9S-55W-05-85 A9S-55W-05-85			Wild Cat		Nov/25/2014	Cascade Petroleum	D40W-00286
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/25/2014	17:51:24	72	0.7	11.96	19.0	Start Mixing Lead Slurry	
11/25/2014	17:51:47	73	0.0	12.08	19.1	Wet Dry Samples Taken	
11/25/2014	17:53:04	345	6.0	12.12	23.6		
11/25/2014	17:57:35	205	6.1	11.98	51.1	Wet Sample Weighed Verified	
11/25/2014	17:58:04	184	6.1	11.93	54.1		
11/25/2014	18:03:04	126	4.7	12.08	73.8		
11/25/2014	18:08:04	132	4.8	12.10	97.6		
11/25/2014	18:09:05	126	4.8	12.10	102.5	Good Returns	
11/25/2014	18:13:04	57	2.8	12.10	114.7		
11/25/2014	18:16:34	120	4.8	12.07	127.2	End Lead Slurry	
11/25/2014	18:17:42	106	3.6	13.04	132.5	Reset Total, Vol = 114.07 bbl	
11/25/2014	18:17:46	102	3.4	13.06	132.7	Start Mixing Tail Slurry	
11/25/2014	18:18:04	101	3.3	13.02	133.7		
11/25/2014	18:18:08	125	3.3	13.01	133.9	Wet Dry Samples Taken	
11/25/2014	18:23:04	185	4.7	12.99	156.9		
11/25/2014	18:24:17	109	3.3	12.99	162.1	Good Returns	
11/25/2014	18:28:04	191	4.7	13.05	175.8		
11/25/2014	18:33:04	199	4.7	13.14	199.3		
11/25/2014	18:36:21	109	3.3	13.15	211.9	End Tail Slurry	
11/25/2014	18:37:36	8	0.0	13.22	215.0	Reset Total, Vol = 82.54 bbl	
11/25/2014	18:37:47	8	0.0	13.14	215.0	Start Washing Lines	
11/25/2014	18:38:04	11	0.0	13.13	215.0		
11/25/2014	18:43:04	7	0.0	9.27	215.0		
11/25/2014	18:48:04	2	0.0	8.88	215.0		
11/25/2014	18:53:04	54	2.6	8.93	223.0		
11/25/2014	18:58:04	56	2.6	8.36	238.8		
11/25/2014	19:03:04	5	0.0	8.38	0.0		
11/25/2014	19:05:08	5	0.0	8.37	0.0	Reset Total, Vol = 48.53 bbl	
11/25/2014	19:05:30	1	0.0	8.37	0.0	Drop Top Plug	
11/25/2014	19:05:32	1	0.0	8.37	0.0	Start Displacement	
11/25/2014	19:08:04	126	6.3	8.38	10.4		
11/25/2014	19:13:04	126	6.2	8.39	41.5		
11/25/2014	19:18:04	187	6.2	8.39	72.6		
11/25/2014	19:23:04	592	6.1	8.39	103.3		
11/25/2014	19:28:04	858	6.1	8.39	133.8		
11/25/2014	19:33:04	1252	6.1	8.39	164.1		
11/25/2014	19:38:04	2037	0.3	8.38	189.4		
11/25/2014	19:38:10	2089	0.0	8.38	189.5	Bump Top Plug	
11/25/2014	19:38:17	2026	0.0	8.38	189.5	End Displacement	
11/25/2014	19:43:04	2058	0.0	8.38	189.5		
11/25/2014	19:44:57	6	0.0	8.38	189.5	1.5 bbls Back Floats Held	

Well Gaede A9S-55W-05-85 A9S-55W-05-85	Field Wild Cat	Job Start Nov/25/2014	Customer Cascade Petroleum	Job Number D40W-00286
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 4.5	N2		Mud	Maximum Rate 8.6	Total Slurry 196.6	Mud 19.4		Spacer 20.9	N2		
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 5111	Final 6	Average 305	Bump Plug to 1953	Breakdown	Type FreshWater		Volume 154.7 bbl		Density 8.34 lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 191.0 bbl		Displacement 184.2 bbl		Mix Water Temp 69 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl	
								Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative Jim Weir				Schlumberger Supervisor Jason Holt				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
								-		-	