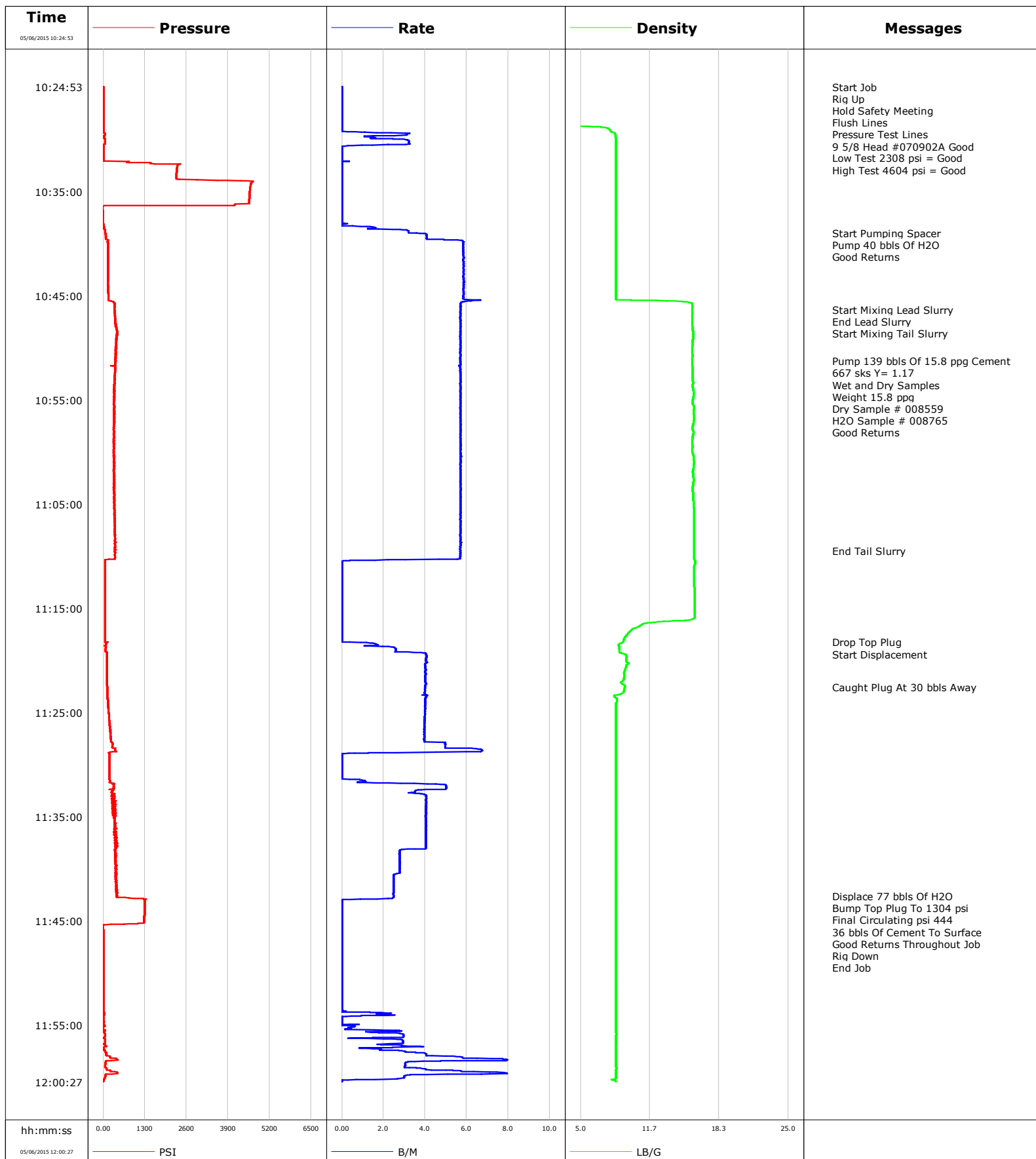


**Well** Habitat J3-5-6  
**Field** Wattenberg  
**Engineer** Justin Zika/Leiker  
**Country** United States

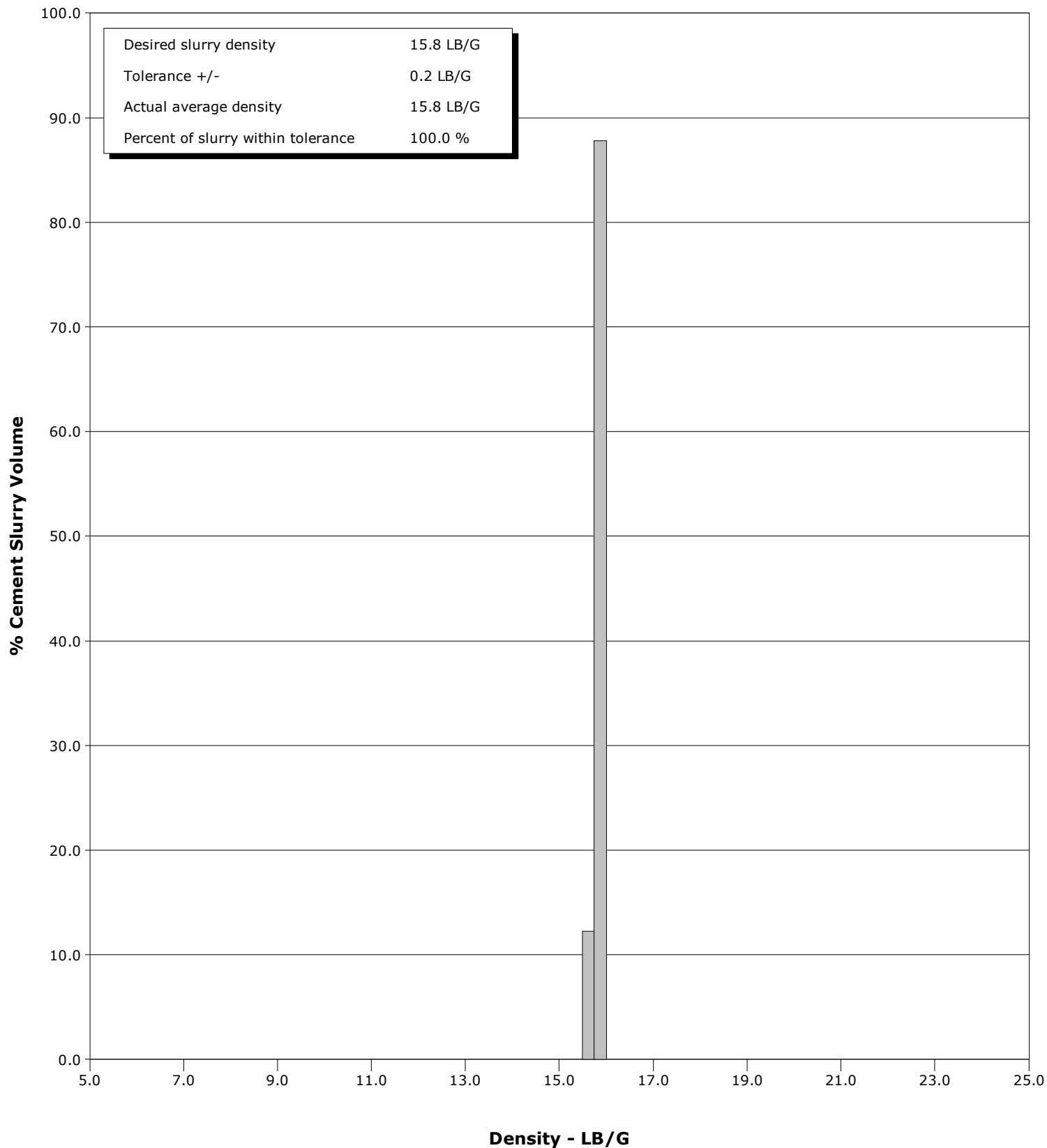
**Client** Extraction Oil Gas  
**SIR No.** 2125502  
**Job Type** Surface  
**Job Date** 05-07-2015



**Well** Habitat J3-5-6  
**Field** Wattenberg  
**Engineer** Justin Zika/Leiker  
**Country** United States

**Client** Extraction Oil Gas  
**SIR No.** 2125502  
**Job Type** Surface  
**Job Date** 05-07-2015

Cement Slurry - 05/06/2015 10:47:15 to 05/06/2015 11:08:07



# Cementing Service Report

				Customer Extraction Oil & Gas			Job Number 2125502	
Well Habitat J3-5-6 J3-5-6			Location (legal) Cheyenne,WY			Schlumberger Location CWY		Job Start May/07/2015
Field Wattenberg		Formation Name/Type Shale		Deviation deg	Bit Size 13.5 in	Well MD 1055.0 ft		Well TVD ft
County Weld		State/Province Colorado		BHP psi	BHST 94 degF	BHCT 82 degF	Pore Press. Gradient lb/gal	
Well Master 0631632497		API/UWI						
Rig Name Savannah 802	Drilled For Oil		Service Via Land	Casing/ Liner				
	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class New		Well Type Development	1043.0	9.6	36.0	J55	8RD
	0.0	0.0	0.0					
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 Surface							
Max. Allowed Tub. Press 3500 psi	Max. Allowed Ann. Press psi		WH Connection Single Cement head	Perforations/Open Hole				
	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft			
	ft	ft						
	ft	ft					Diameter in	
	ft	ft						
Service Instructions Rig Up Hold Safety Meeting Flush Lines Pressure Test Lines Pump 40 bbls Of H2O Pump 139 bbls Of 15.8 ppg Cement Drop Top Plug Displace	Treat Down Casing	Displacement 77.0 bbl		Packer Type		Packer Depth ft		
	Tubing Vol. bbl	Casing Vol. 80.5 bbl		Annular Vol. 94.0 bbl		Openhole Vol. 177.0 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 516 psi	Shoe Type Float			Squeeze Type				
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 1043.0 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 May/07/2015 02:00	Arrived on Location May/07/2015 02:00		Leave Location May/07/2015 13:00	Collar Type Float		Tail Pipe Depth ft		
				Collar Depth 999.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
05/06/2015	10:24:53	5	0.0	1.65	25.9	Started Acquisition		
05/06/2015	10:24:55	4	0.0	1.66	25.9	Start Job		
05/06/2015	10:24:59	4	0.0	1.67	25.9	Rig Up		
05/06/2015	10:25:12	4	0.0	1.72	25.9	Pressure Test Lines		
05/06/2015	10:25:14	4	0.0	1.73	25.9	Low Test 2308 psi = Good		
05/06/2015	10:25:15	4	0.0	1.73	25.9	High Test 4604 psi = Good		
05/06/2015	10:26:33	5	0.0	2.07	25.9			
05/06/2015	10:28:13	3	0.0	2.54	0.0			
05/06/2015	10:29:53	32	1.4	8.39	1.3			
05/06/2015	10:31:33	13	0.0	8.40	3.3			
05/06/2015	10:33:13	2289	0.0	8.40	3.3			
05/06/2015	10:34:53	4583	0.0	8.40	3.3			
05/06/2015	10:36:33	-17	0.0	8.40	3.3			
05/06/2015	10:38:13	1	0.0	8.40	3.3			
05/06/2015	10:38:58	74	3.6	8.40	4.9	Start Pumping Spacer		
05/06/2015	10:39:53	144	5.8	8.40	9.1			
05/06/2015	10:41:33	144	5.8	8.40	18.8			
05/06/2015	10:43:13	156	5.8	8.40	28.5			
05/06/2015	10:44:53	156	5.9	8.39	38.3			
05/06/2015	10:46:18	363	5.7	15.72	46.6	Start Mixing Lead Slurry		
05/06/2015	10:46:33	363	5.7	15.76	48.0			

Well			Field		Job Start		Customer		Job Number	
Habitat J3-5-6 J3-5-6			Wattenberg		May/07/2015		Extraction Oil & Gas		2125502	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/06/2015	10:51:14	388	5.7	15.73	74.7	Pump 139 bbls Of 15.8 ppg Cement				
05/06/2015	10:51:15	388	5.7	15.73	74.8	Dry Sample # 008559				
05/06/2015	10:51:33	368	5.7	15.74	76.5					
05/06/2015	10:53:13	345	5.7	15.82	86.0					
05/06/2015	10:54:53	345	5.7	15.82	95.5					
05/06/2015	10:56:33	339	5.7	15.92	105.0					
05/06/2015	10:58:13	341	5.7	15.85	114.5					
05/06/2015	10:59:53	334	5.7	15.74	124.0					
05/06/2015	11:01:33	343	5.7	15.87	133.5					
05/06/2015	11:03:13	331	5.7	15.82	143.0					
05/06/2015	11:04:53	347	5.7	15.87	152.5					
05/06/2015	11:06:33	365	5.7	15.92	162.0					
05/06/2015	11:08:13	365	5.7	15.94	171.5					
05/06/2015	11:09:28	383	5.7	15.93	178.7	End Tail Slurry				
05/06/2015	11:09:53	359	5.7	15.92	181.0					
05/06/2015	11:11:33	52	0.0	15.93	183.7					
05/06/2015	11:13:13	53	0.0	15.96	183.7					
05/06/2015	11:14:53	52	0.0	15.98	183.7					
05/06/2015	11:16:33	52	0.0	10.89	183.7					
05/06/2015	11:18:13	50	0.0	9.11	183.7					
05/06/2015	11:18:14	162	0.4	9.11	183.7	Drop Top Plug				
05/06/2015	11:19:53	119	4.0	9.42	188.4					
05/06/2015	11:21:33	114	4.0	9.20	195.1					
05/06/2015	11:22:35	125	4.0	9.25	199.2	Caught Plug At 30 bbls Away				
05/06/2015	11:23:13	134	4.0	8.87	201.8					
05/06/2015	11:24:53	165	4.0	8.40	208.5					
05/06/2015	11:26:33	215	4.0	8.40	215.1					
05/06/2015	11:28:13	281	5.0	8.40	222.1					
05/06/2015	11:29:53	197	0.0	8.40	225.9					
05/06/2015	11:31:33	206	1.1	8.41	226.0					
05/06/2015	11:33:13	272	4.1	8.40	232.3					
05/06/2015	11:34:53	303	4.0	8.40	239.0					
05/06/2015	11:36:33	340	4.0	8.41	245.8					
05/06/2015	11:38:13	375	2.8	8.41	252.4					
05/06/2015	11:39:53	421	2.8	8.41	257.0					
05/06/2015	11:41:33	423	2.5	8.41	261.3					
05/06/2015	11:42:38	419	2.5	8.41	264.0	Displace 77 bbls Of H2O				
05/06/2015	11:43:13	1289	0.0	8.41	264.7					
05/06/2015	11:44:53	1284	0.0	8.41	264.7					
05/06/2015	11:46:33	3	0.0	8.41	264.7					
05/06/2015	11:48:13	3	0.0	8.41	264.7					
05/06/2015	11:49:53	5	0.0	8.41	264.7					
05/06/2015	11:51:33	5	0.0	8.41	264.7					
05/06/2015	11:53:13	5	0.0	8.41	264.7					
05/06/2015	11:54:53	6	0.0	8.41	265.4					
05/06/2015	11:56:33	51	2.9	8.42	268.2					
05/06/2015	11:58:13	404	7.2	8.42	271.4					

<b>Well</b> Habitat J3-5-6 J3-5-6	<b>Field</b> Wattenberg	<b>Job Start</b> May/07/2015	<b>Customer</b> Extraction Oil & Gas	<b>Job Number</b> 2125502
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 4.6	N2		Mud	Maximum Rate 8.0	Total Slurry 139.0	Mud 0.0		Spacer 40.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 4678	Final 444	Average 382	Bump Plug to 1304	Breakdown	Type		Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 139.0 bbl		Displacement 77.0 bbl		Mix Water Temp 59 degF		Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume 36.0 bbl	
								Washed Thru Perfs		<input type="checkbox"/>	To ft
Customer or Authorized Representative Brandon Patch				Schlumberger Supervisor Justin Zika/Leiker				Circulation Lost	<input type="checkbox"/>	Job Completed	<input type="checkbox"/>
								-		-	