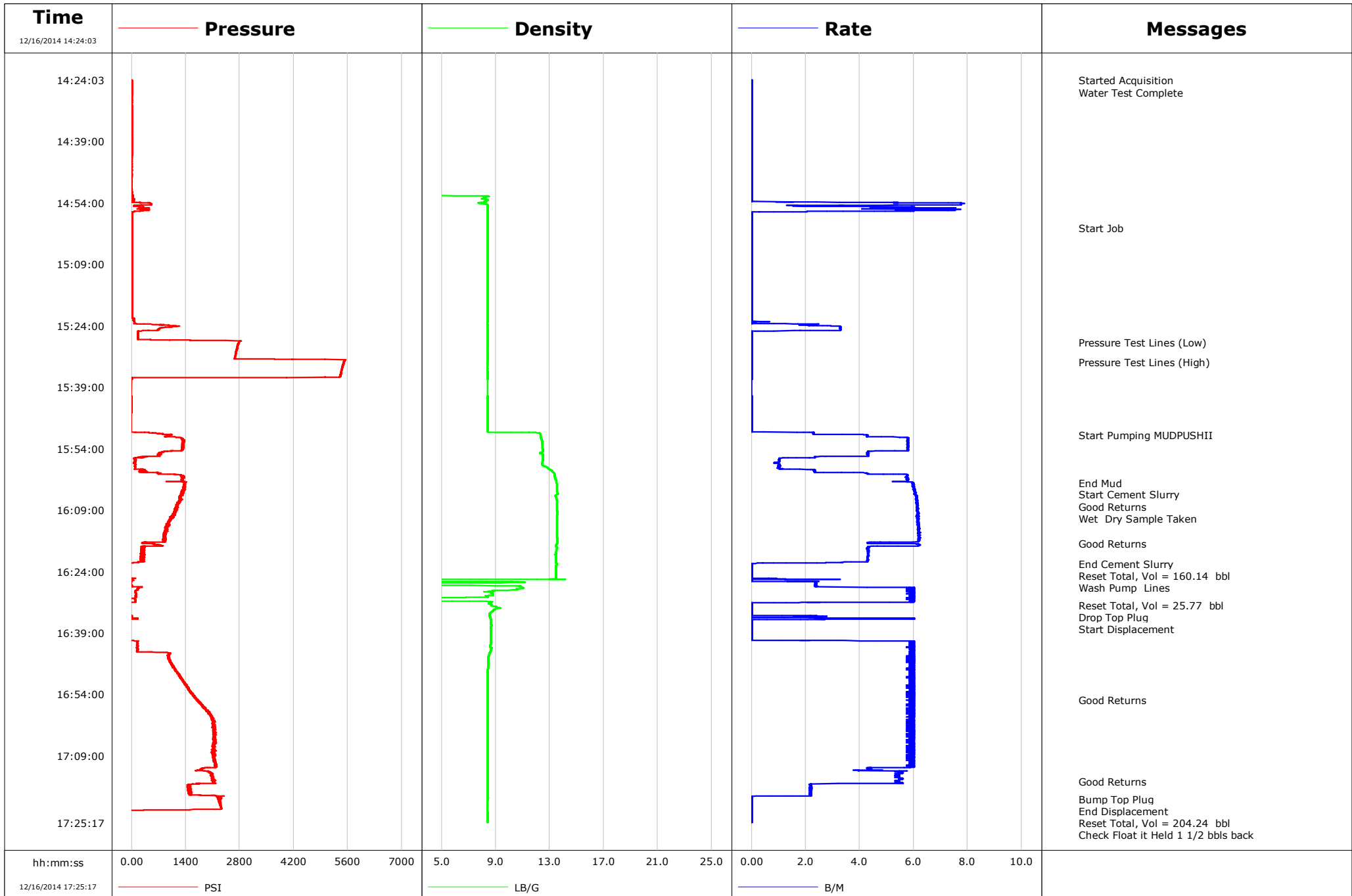


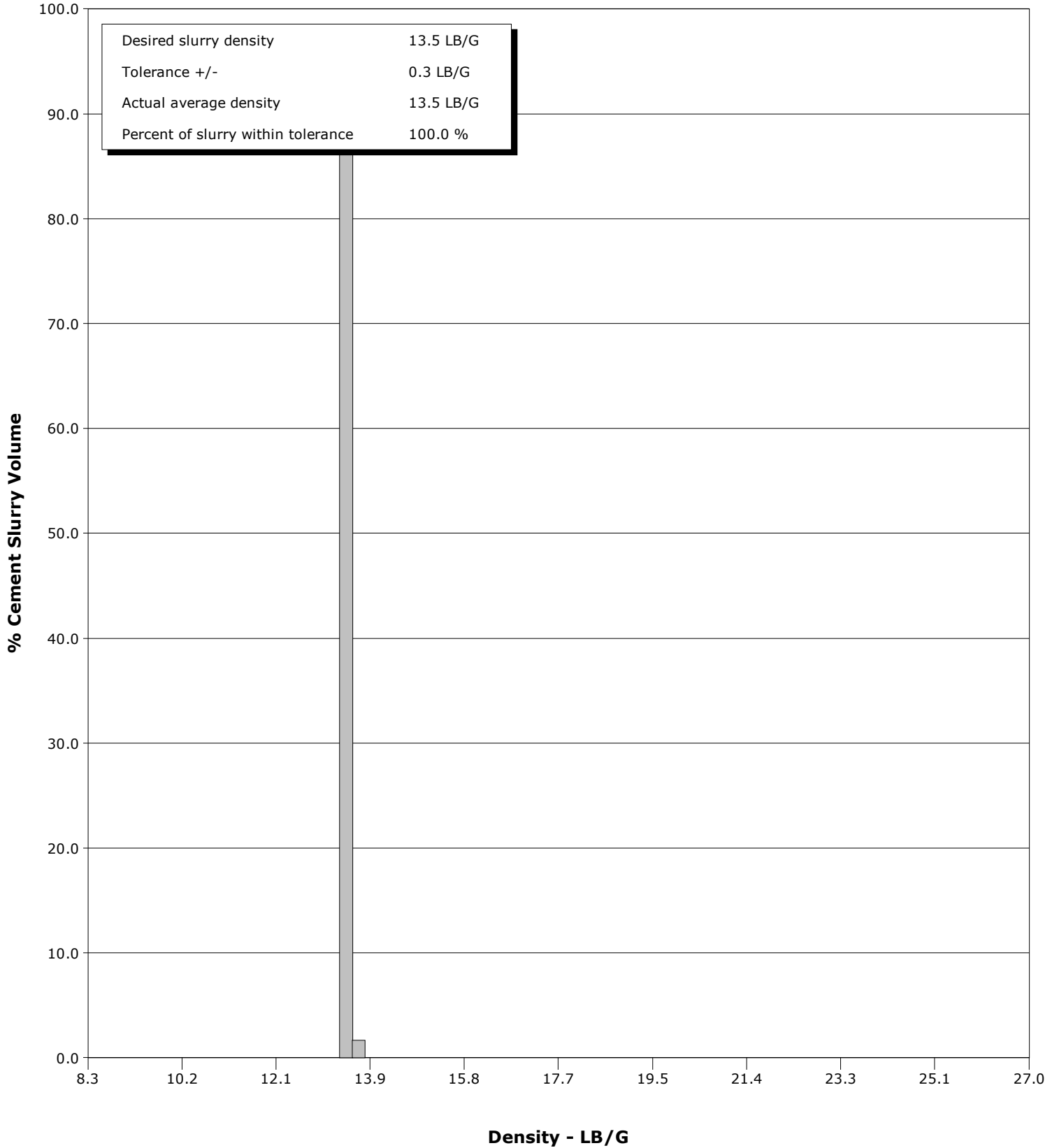
Well	Grant Elmquist 2C-14H	Client	Encana
Field	DJ	SIR No.	D2IK-00572
Engineer	Wayne Silvester/Paul Kroeger	Job Type	Production
Country	United States	Job Date	12-16-2014



Well Grant Elmquist 2C-14H
Field DJ
Engineer Wayne Silvester/Paul Kroeger
Country United States

Client Encana
SIR No. D2IK-00572
Job Type Production
Job Date 12-16-2014

Cement Slurry - 12/16/2014 16:02:19 to 12/16/2014 16:22:07



				Customer			Job Number			
				Encana			D2IK-00572			
Well		Location (legal)		Schlumberger Location			Job Start			
Grant Elmquist 2C-14H 2C-14H		217304		Cheyenne			Dec/16/2014			
Field		Formation Name/Type		Deviation	Bit Size		Well MD		Well TVD	
DJ		Shale		deg	6.1 in		13703.0 ft		13723.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		3281 psi	215 degF	215 degF	lb/gal			
Well Master		API/UWI								
0631597241		05123376440000								
Rig Name	Drilled For		Service Via	Casing/Liner						
Ensign 135	Oil & Gas		Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread	
				13723.0		4.5	13.5	N/A	N/A	
Offshore Zone	Well Class		Well Type	0.0		0.0	0.0			
	New		Other							
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe						
Bentonite		10.50 lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Service Line	Job Type									
Cementing	Production									
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection	Perforations/Open Hole						
psi	5000 psi		3rd Party	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
				ft	ft			ft		
				ft	ft			Diameter		
				ft	ft			in		
Service Instructions		Treat Down	Displacement		Packer Type		Packer Depth			
534sks=160bbls Brought 15 lbs D800 For Displacement First 10bbls suger in Wash up Water As Well		Casing	204.0 bbl				ft			
		Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.			
		bbl	204.0 bbl		134.2 bbl		101.4 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools			Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type	Shoe Depth		Stage Tool Type		Stage Tool Depth			
11632 psi		Float	13703.0 ft				ft			
Pipe Rotated		Pipe Reciprocated	Shoe Type	Shoe Depth		Tool Type		Tool Depth		
<input type="checkbox"/>		<input type="checkbox"/>	Float	13703.0 ft				ft		
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Type		Tool Depth		
		3						ft		
Cement Head Type		Stage Tool Depth	Tail Pipe Size		Tail Pipe Depth		Sqz. Total Vol.			
3rd Party		ft	in		ft		bbl			
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Collar Depth		Squeeze Job		
Dec/16/2014		Dec/16/2014	Dec/16/2014	Float		13701.2 ft				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/16/2014	14:24:03	0	0.0	0.03	0.0	Held JSA With Rig Crew Co-Man				
12/16/2014	14:24:15	1	0.0	0.03	0.0	Water Test Complete				
12/16/2014	14:29:04	1	0.0	0.03	0.0					
12/16/2014	14:34:05	0	0.0	0.03	0.0					
12/16/2014	14:39:06	1	0.0	0.03	0.0					
12/16/2014	14:44:07	-1	0.0	0.03	0.0					
12/16/2014	14:49:08	-0	0.0	0.03	0.0					
12/16/2014	14:54:09	497	7.7	7.89	0.0					
12/16/2014	14:59:10	2	0.0	8.40	0.0					
12/16/2014	15:00:04	2	0.0	8.40	0.0	Start Job				
12/16/2014	15:04:11	3	0.0	8.40	0.0					
12/16/2014	15:09:12	5	0.0	8.40	0.0					
12/16/2014	15:14:13	5	0.0	8.40	0.0					
12/16/2014	15:19:14	2	0.0	8.40	0.0					
12/16/2014	15:24:15	1108	3.3	8.38	1.8					
12/16/2014	15:27:57	2784	0.0	8.39	5.0	Pressure Test Lines (Low)				
12/16/2014	15:29:16	2733	0.0	8.39	5.0					
12/16/2014	15:32:55	5497	0.0	8.39	5.0	Pressure Test Lines (High)				
12/16/2014	15:34:17	5454	0.0	8.39	5.0					
12/16/2014	15:44:19	-10	0.0	8.39	0.0					
12/16/2014	15:49:20	-21	0.0	8.39	0.0					

Well		Field		Job Start		Customer		Job Number	
Grant Elmquist 2C-14H 2C-14H		DJ		Dec/16/2014		Encana		D2IK-00572	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/16/2014	15:54:21	1316	5.8	12.50	22.2				
12/16/2014	15:59:22	304	2.3	13.13	33.6				
12/16/2014	16:02:18	1413	6.0	13.51	48.2	End Mud			
12/16/2014	16:02:19	1356	6.0	13.51	48.3	Start Cement Slurry			
12/16/2014	16:04:01	1341	6.0	13.53	58.4	Good Returns			
12/16/2014	16:04:23	1374	6.0	13.54	60.7				
12/16/2014	16:05:43	1253	6.1	13.43	68.7	Wet Dry Sample Taken			
12/16/2014	16:09:24	1109	6.2	13.55	91.3				
12/16/2014	16:14:25	832	6.2	13.52	122.3				
12/16/2014	16:17:15	559	6.0	13.54	139.1	Good Returns			
12/16/2014	16:19:26	246	4.3	13.47	149.6				
12/16/2014	16:22:07	-49	0.0	13.52	160.1	End Cement Slurry			
12/16/2014	16:22:11	-48	0.0	13.52	160.1	Reset Total, Vol = 160.14 bbl			
12/16/2014	16:24:27	-47	0.0	13.45	160.1				
12/16/2014	16:25:22	-56	0.0	13.45	160.1	Wash Pump Lines			
12/16/2014	16:29:28	112	6.0	8.76	173.5				
12/16/2014	16:32:14	-57	0.0	8.68	185.9	Reset Total, Vol = 25.77 bbl			
12/16/2014	16:32:18	-57	0.0	8.68	185.9	Drop Top Plug			
12/16/2014	16:32:20	-57	0.0	8.68	185.9	Start Displacement			
12/16/2014	16:34:29	-58	0.0	8.54	185.9				
12/16/2014	16:39:30	-44	0.0	8.65	188.9				
12/16/2014	16:44:31	961	6.0	8.49	210.6				
12/16/2014	16:49:32	1251	6.0	8.41	240.4				
12/16/2014	16:54:33	1608	6.0	8.41	270.2				
12/16/2014	16:55:23	1684	5.9	8.41	275.2	Good Returns			
12/16/2014	16:59:34	2069	5.9	8.40	300.1				
12/16/2014	17:04:35	2121	5.9	8.41	329.8				
12/16/2014	17:09:36	2118	6.0	8.41	359.5				
12/16/2014	17:14:37	2099	5.6	8.41	387.0				
12/16/2014	17:15:09	2101	5.5	8.42	390.0	Good Returns			
12/16/2014	17:19:32	2316	0.0	8.39	400.2	Bump Top Plug			
12/16/2014	17:19:33	2280	0.0	8.39	400.2	End Displacement			
12/16/2014	17:19:38	2270	0.0	8.39	400.2				
12/16/2014	17:20:39	2291	0.0	8.39	400.2	Reset Total, Vol = 204.24 bbl			
12/16/2014	17:23:34	-48	0.0	8.39	400.2	Check Float it Held 1 1/2 bbls back			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.2		4.1	7.9	160.2	41.9	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5543	-49	960	3781			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	160.0 bbl		204.2 bbl	65 degF	<input type="checkbox"/>	bbl	
					Washed Thru Perfs	To	
					<input type="checkbox"/>	ft	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	Job Completed	
Dennis Elrod			Wayne Silvester/Paul Kroeger		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
					-	-	