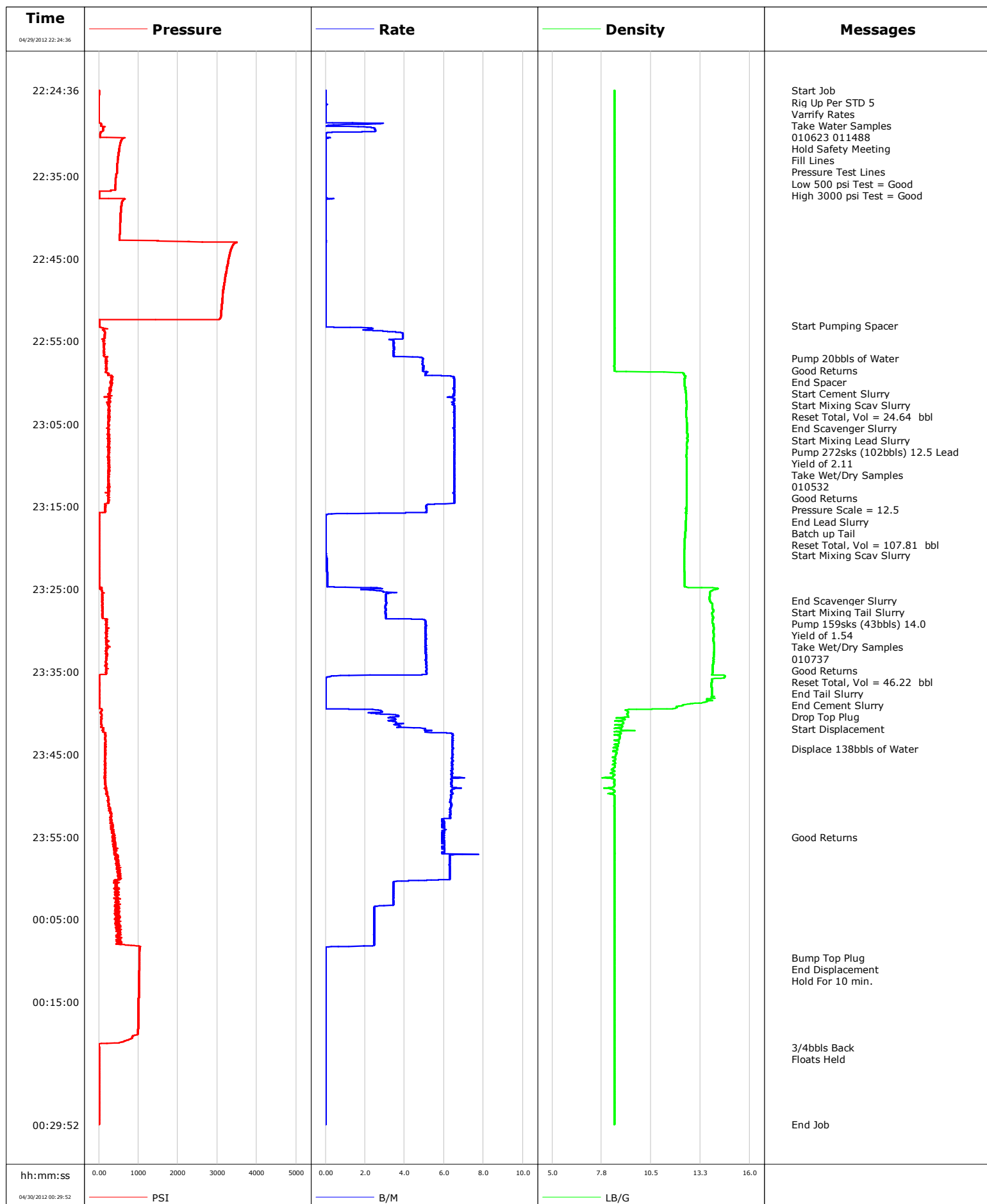
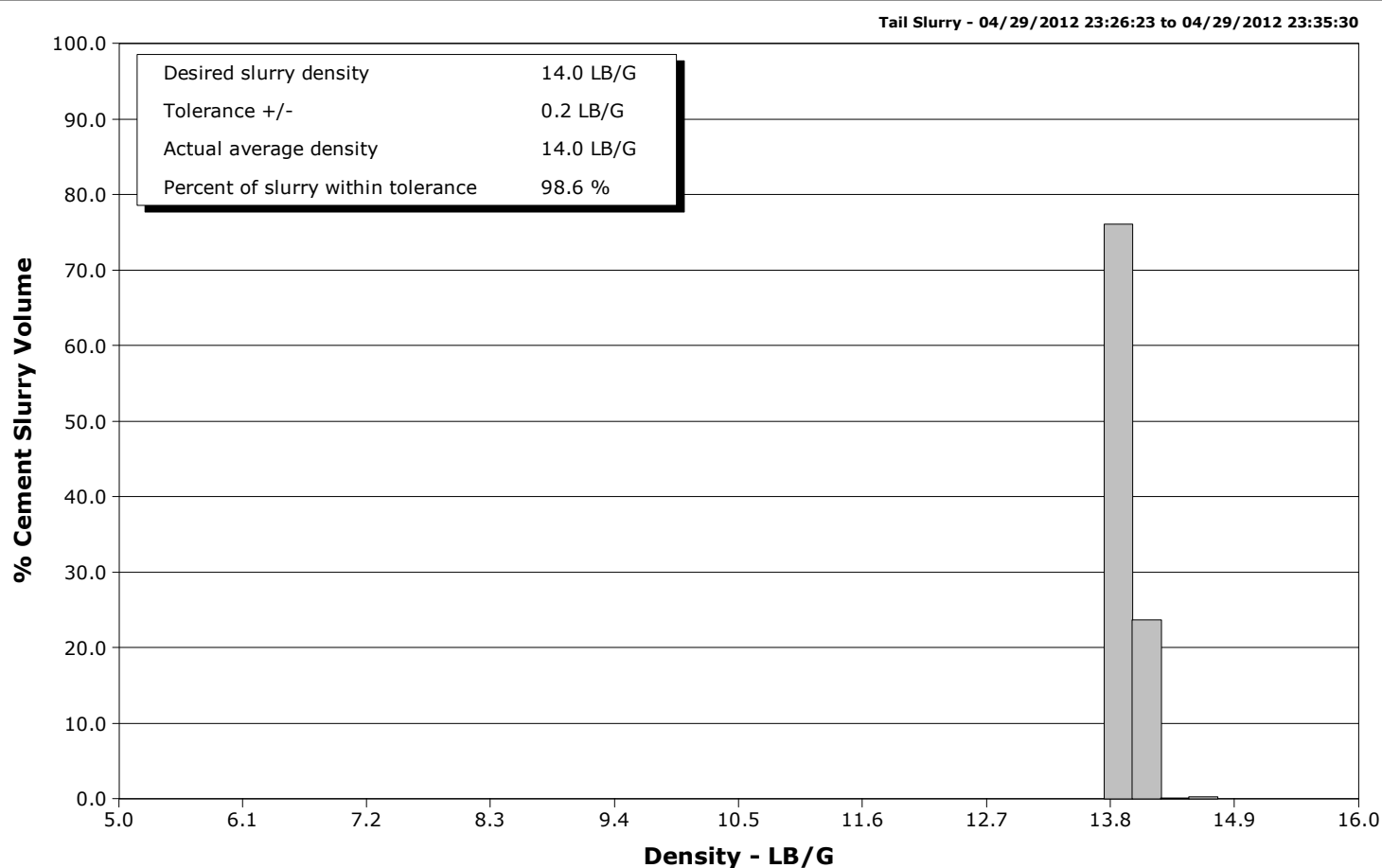
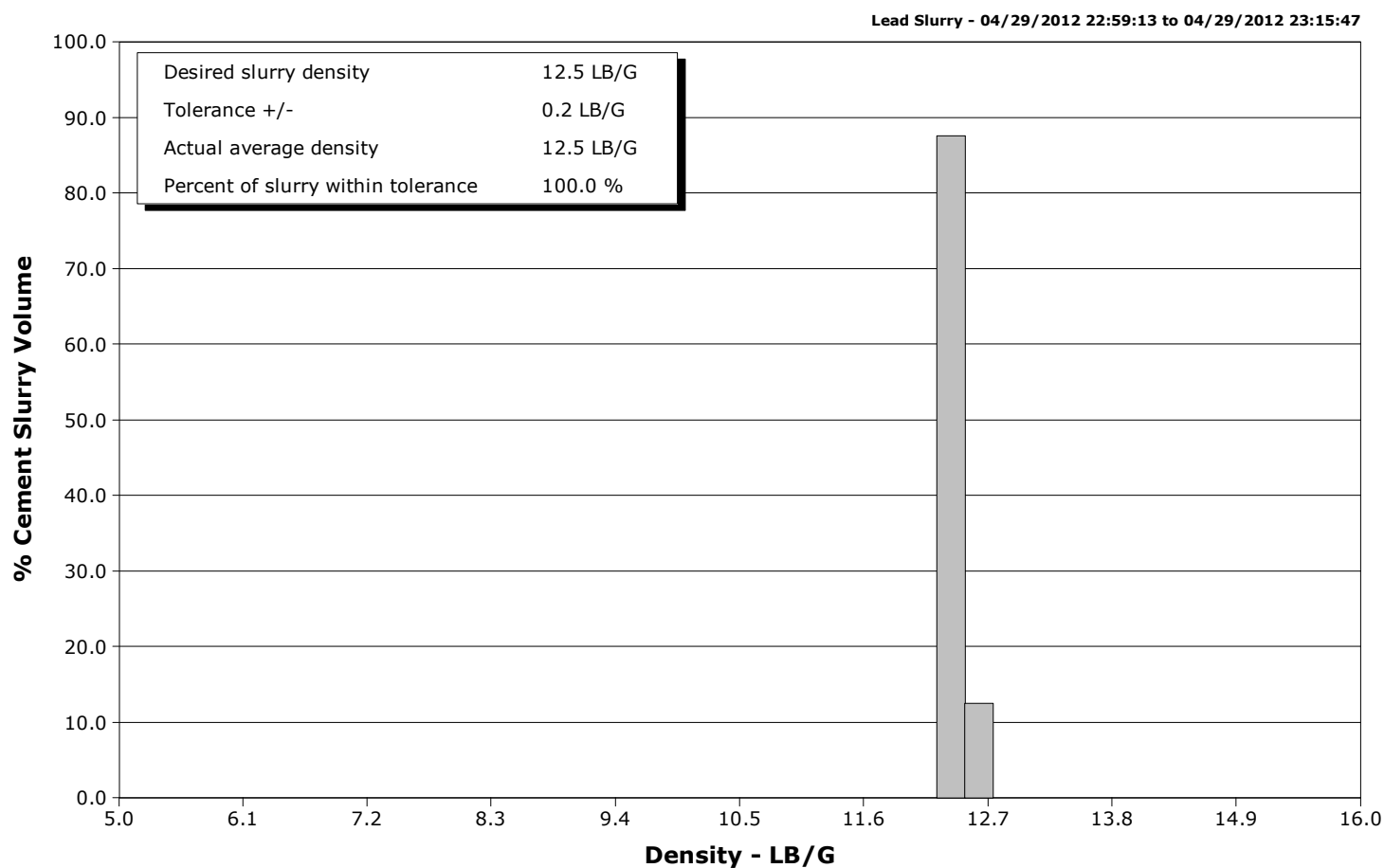


<b>Well</b>	EF11E-27	<b>Client</b>	ENCANA
<b>Field</b>	NORTH PARACHUTE	<b>SIR No.</b>	759620
<b>Engineer</b>	Dant Ryan	<b>Job Type</b>	9 5/8 SURFACE
<b>Country</b>	United States	<b>Job Date</b>	04-29-2012



**Well** EF11E-27  
**Field** NORTH PARACHUTE  
**Engineer** Dant Ryan  
**Country** United States

**Client** ENCANA  
**SIR No.** 759620  
**Job Type** 9 5/8 SURFACE  
**Job Date** 04-29-2012



				Customer ENCANA				Job Number 759620									
Well EF11E-27 EF11E-27				Location (legal) P27				Schlumberger Location Grand Junction				Job Start Apr/29/2012					
Field NORTH PARACHUTE			Formation Name/Type Shale			Deviation deg		Bit Size 12.3 in		Well MD 1829.0 ft		Well TVD 1829.0 ft					
County GARFIELD			State/Province Colorado			BHP psi		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient lb/gal					
Well Master 0631244203			API/UWI														
Rig Name PATTERSON 303		Drilled For Gas		Service Via Land		Casing/Liner											
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		120.0		16.0		65.0		N/A		N/A			
						1829.0		9.6		36.0		J55		8RD			
Drilling Fluid Type Bentonite			Max. Density 9.50 lb/gal		Plastic Viscosity 20.000 cP		Tubing/Drill Pipe										
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 9 5/8 SURFACE															
Max. Allowed Tub. Press 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						Diameter in			
						ft		ft									
						Treat Down Casing		Displacement 138.0 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 141.0 bbl		Annular Vol. 112.0 bbl		Openhole Vol. 236.0 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 905 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1829.0 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 Apr/29/2012 19:00		Arrived on Location Apr/29/2012 19:00		Leave Location Apr/30/2012 02:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 1782.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message											
04/29/2012	22:24:36	1	0.0	8.47	0.0	Started Acquisition											
04/29/2012	22:24:38	2	0.0	8.47	0.0	Rig Up Per STD 5											
04/29/2012	22:24:39	2	0.0	8.47	0.0	Take Water Samples											
04/29/2012	22:24:41	2	0.0	8.47	0.0	Fill Lines											
04/29/2012	22:24:44	2	0.0	8.47	0.0	Pressure Test Lines											
04/29/2012	22:24:47	2	0.0	8.47	0.0	Low 500 psi Test = Good											
04/29/2012	22:26:16	-1	0.0	8.47	0.0												
04/29/2012	22:27:56	-1	0.0	8.47	0.0												
04/29/2012	22:29:36	76	2.5	8.47	2.0												
04/29/2012	22:31:16	530	0.0	8.47	2.1												
04/29/2012	22:32:56	480	0.0	8.47	2.1												
04/29/2012	22:34:36	456	0.0	8.47	2.1												
04/29/2012	22:36:16	414	0.0	8.47	2.1												
04/29/2012	22:37:56	613	0.0	8.47	2.2												
04/29/2012	22:39:36	549	0.0	8.47	2.2												
04/29/2012	22:41:16	534	0.0	8.47	2.2												
04/29/2012	22:42:56	2286	0.0	8.47	2.2												
04/29/2012	22:44:36	3305	0.0	8.47	2.2												
04/29/2012	22:46:16	3234	0.0	8.47	2.2												
04/29/2012	22:47:56	3173	0.0	8.47	2.2												
04/29/2012	22:49:36	3129	0.0	8.47	2.2												

Well EF11E-27 EF11E-27			Field NORTH PARACHUTE		Job Start Apr/29/2012		Customer ENCANA		Job Number 759620	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
04/29/2012	22:52:56	15		0.0	8.47		2.2			
04/29/2012	22:53:06	15		0.0	8.47		2.2		Start Pumping Spacer	
04/29/2012	22:54:36	144		3.9	8.47		6.3			
04/29/2012	22:56:16	115		3.5	8.47		12.1			
04/29/2012	22:57:07	173		4.9	8.46		15.4		Pump 20bbls of Water	
04/29/2012	22:57:08	176		4.9	8.46		15.5		Good Returns	
04/29/2012	22:57:56	174		4.9	8.45		19.4			
04/29/2012	22:58:47	202		5.1	12.12		23.6		End Spacer	
04/29/2012	22:58:50	213		5.1	12.26		23.9		Start Cement Slurry	
04/29/2012	22:58:54	224		5.1	12.31		24.2		Start Mixing Scav Slurry	
04/29/2012	22:58:59	248		5.1	12.32		24.6		Reset Total, Vol = 24.64 bbl	
04/29/2012	22:59:12	323		6.2	12.42		25.8		End Scavenger Slurry	
04/29/2012	22:59:13	322		6.4	12.42		25.9		Start Mixing Lead Slurry	
04/29/2012	22:59:14	340		6.4	12.42		26.0		Pump 272sks (102bbls) 12.5 Lead	
04/29/2012	22:59:15	340		6.4	12.42		26.1		Yield of 2.11	
04/29/2012	22:59:16	331		6.5	12.41		26.2		010532	
04/29/2012	22:59:36	332		6.5	12.36		28.4			
04/29/2012	23:01:16	278		6.5	12.44		39.2			
04/29/2012	23:02:56	245		6.5	12.48		50.0			
04/29/2012	23:04:36	235		6.5	12.49		60.8			
04/29/2012	23:06:16	215		6.5	12.53		71.7			
04/29/2012	23:07:56	265		6.5	12.51		82.6			
04/29/2012	23:09:36	257		6.5	12.48		93.4			
04/29/2012	23:11:16	256		6.5	12.49		104.3			
04/29/2012	23:12:56	232		6.5	12.49		115.1			
04/29/2012	23:13:34	255		6.5	12.48		119.2		Pressure Scale = 12.5	
04/29/2012	23:14:36	218		6.5	12.49		126.0			
04/29/2012	23:15:47	23		4.1	12.43		132.2		End Lead Slurry	
04/29/2012	23:15:55	7		0.3	12.47		132.4		Batch up Tail	
04/29/2012	23:16:16	12		0.0	12.46		132.4			
04/29/2012	23:17:56	10		0.0	12.42		132.4			
04/29/2012	23:18:30	8		0.0	12.40		132.4		Reset Total, Vol = 107.81 bbl	
04/29/2012	23:19:36	7		0.0	12.37		132.4			
04/29/2012	23:20:57	7		0.0	12.35		132.5		Start Mixing Scav Slurry	
04/29/2012	23:21:16	7		0.1	12.35		132.5			
04/29/2012	23:22:56	10		0.1	12.36		132.6			
04/29/2012	23:24:36	9		0.1	12.38		132.7			
04/29/2012	23:26:16	87		3.1	13.76		136.9			
04/29/2012	23:26:22	86		3.0	13.77		137.2		End Scavenger Slurry	
04/29/2012	23:26:23	86		3.1	13.77		137.3		Start Mixing Tail Slurry	
04/29/2012	23:26:26	85		3.1	13.77		137.4		Pump 159sks (43bbls) 14.0	
04/29/2012	23:27:42	84		3.0	13.97		141.3		Good Returns	
04/29/2012	23:27:56	86		3.0	13.90		142.0			
04/29/2012	23:29:36	181		5.1	13.98		149.0			
04/29/2012	23:31:16	202		5.1	13.98		157.5			
04/29/2012	23:32:56	218		5.1	14.00		165.9			
04/29/2012	23:34:36	185		5.1	13.93		174.4			
04/29/2012	23:35:29	10		1.2	14.59		178.7		Reset Total, Vol = 46.22 bbl	
04/29/2012	23:35:30	10		0.8	14.62		178.7		End Tail Slurry	
04/29/2012	23:35:32	10		0.4	14.62		178.7		End Cement Slurry	
04/29/2012	23:35:33	9		0.4	14.62		178.7		Drop Top Plug	
04/29/2012	23:35:34	9		0.3	14.61		178.7		Start Displacement	
04/29/2012	23:36:16	7		0.0	13.88		178.7			
04/29/2012	23:37:56	10		0.0	13.88		178.7			

Well			Field		Job Start	Customer		Job Number
EF11E-27 EF11E-27			NORTH PARACHUTE		Apr/29/2012	ENCANA		759620
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
04/29/2012	23:41:16	55	3.5	8.96	184.2			
04/29/2012	23:42:56	159	6.4	8.76	192.6			
04/29/2012	23:44:22	158	6.4	8.62	201.8	Displace 138bbls of Water		
04/29/2012	23:44:36	153	6.4	8.40	203.3			
04/29/2012	23:46:16	155	6.4	8.37	213.9			
04/29/2012	23:47:56	150	6.5	8.19	224.7			
04/29/2012	23:49:36	218	6.4	8.46	235.3			
04/29/2012	23:51:16	239	6.4	8.45	245.9			
04/29/2012	23:52:56	323	5.9	8.46	256.4			
04/29/2012	23:54:36	333	5.9	8.47	266.3			
04/29/2012	23:55:00	374	5.9	8.47	268.7	Good Returns		
04/29/2012	23:56:16	413	5.9	8.47	276.3			
04/29/2012	23:57:56	451	6.3	8.47	286.5			
04/29/2012	23:59:36	493	6.3	8.47	297.0			
04/30/2012	00:01:16	390	3.4	8.47	304.7			
04/30/2012	00:02:56	414	3.4	8.47	310.5			
04/30/2012	00:04:36	440	2.5	8.47	315.0			
04/30/2012	00:06:16	558	2.5	8.47	319.1			
04/30/2012	00:07:56	560	2.5	8.47	323.2			
04/30/2012	00:09:36	1025	0.0	8.47	324.0			
04/30/2012	00:09:39	1023	0.0	8.47	324.0	Bump Top Plug		
04/30/2012	00:09:49	1023	0.0	8.47	324.0	Hold For 10 min.		
04/30/2012	00:11:16	1017	0.0	8.47	324.0			
04/30/2012	00:12:56	1011	0.0	8.47	324.0			
04/30/2012	00:14:36	1005	0.0	8.47	324.0			
04/30/2012	00:16:16	1000	0.0	8.47	324.0			
04/30/2012	00:17:56	995	0.0	8.47	324.0			
04/30/2012	00:19:36	749	0.0	8.47	324.0			
04/30/2012	00:20:31	1	0.0	8.47	324.0	3/4bbls Back		
04/30/2012	00:21:16	1	0.0	8.47	324.0			
04/30/2012	00:22:56	2	0.0	8.47	324.0			
04/30/2012	00:24:36	2	0.0	8.47	324.0			
04/30/2012	00:26:16	1	0.0	8.47	324.0			
04/30/2012	00:27:56	1	0.0	8.47	324.0			
04/30/2012	00:29:36	1	0.0	8.48	324.0			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.6	N2	Mud	Maximum Rate 7.8		Total Slurry 324.0	Mud 0.0	Spacer 23.6	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3501	Final 2	Average 526	Bump Plug to 1100	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 146.0 bbl		Displacement 145.3 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 29.0 bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative CODY HUSEBY				Schlumberger Supervisor Dant Ryan			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
							-	-