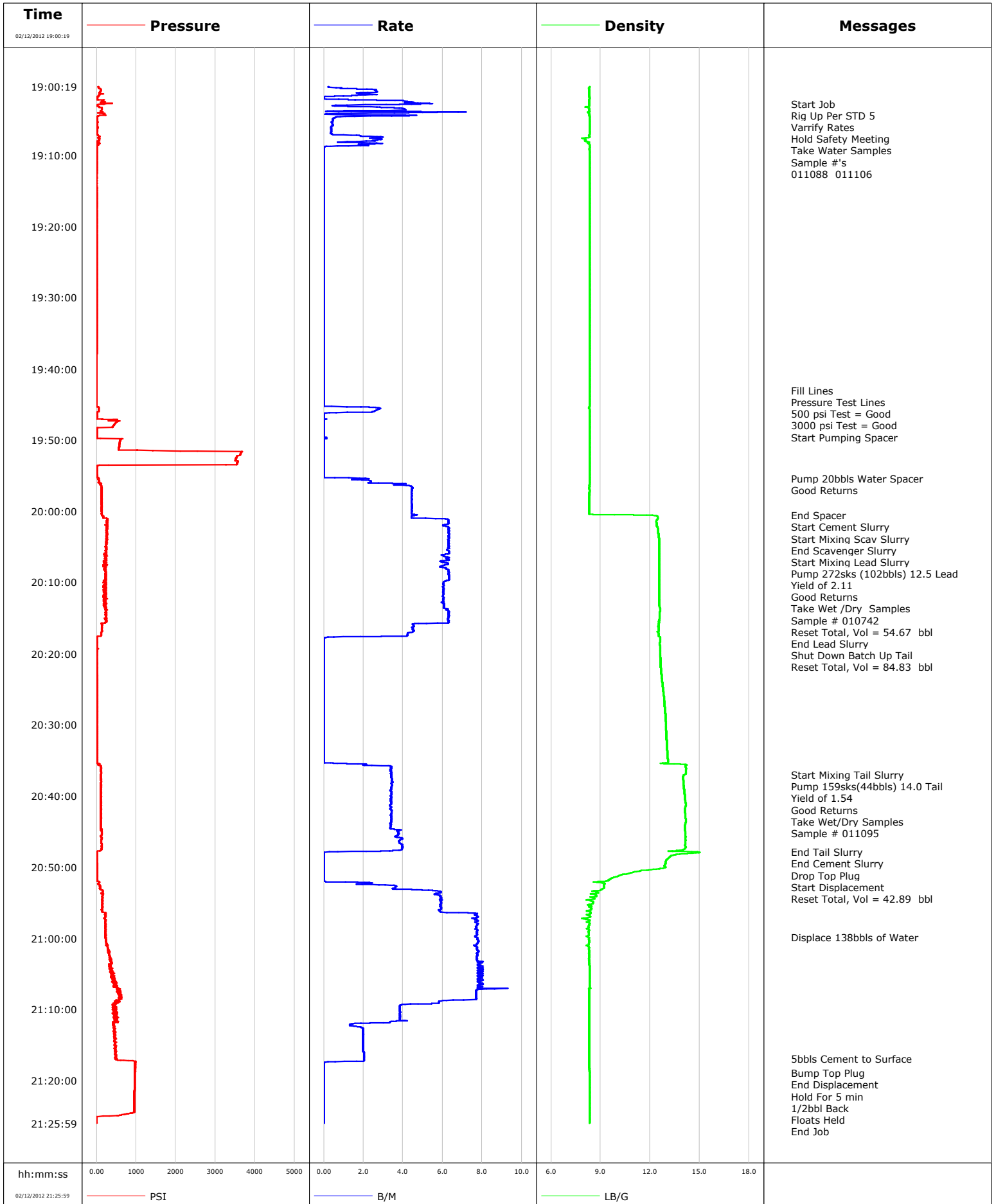


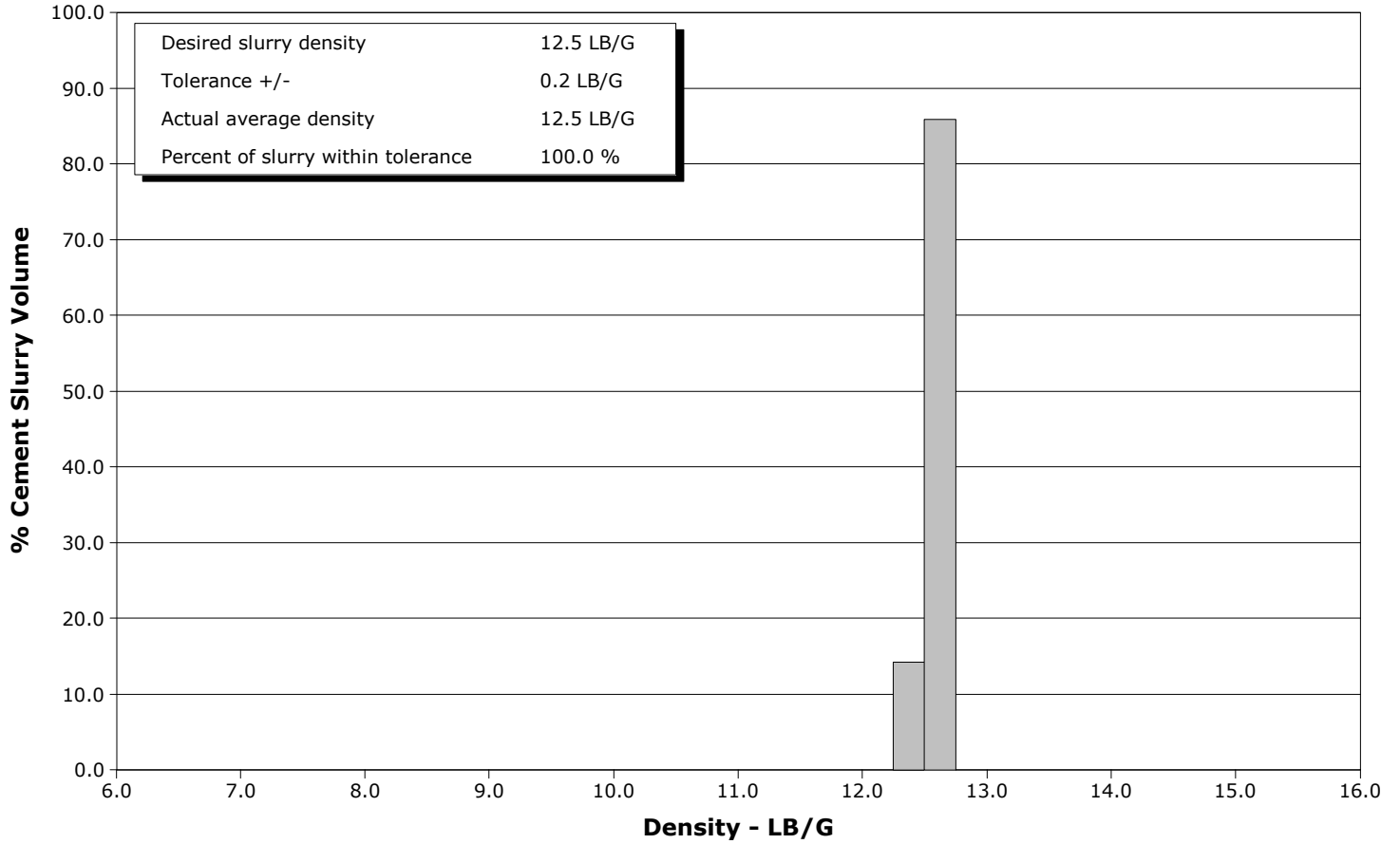
<b>Well</b>	EF14F-27 P	<b>Client</b>	ENCANA
<b>Field</b>	N. PARACHUTE	<b>SIR No.</b>	722554
<b>Engineer</b>	DANT RYAN/TED HANSEN	<b>Job Type</b>	9 5/8 SURFACE CASSING
<b>Country</b>	United States	<b>Job Date</b>	02-12-2012



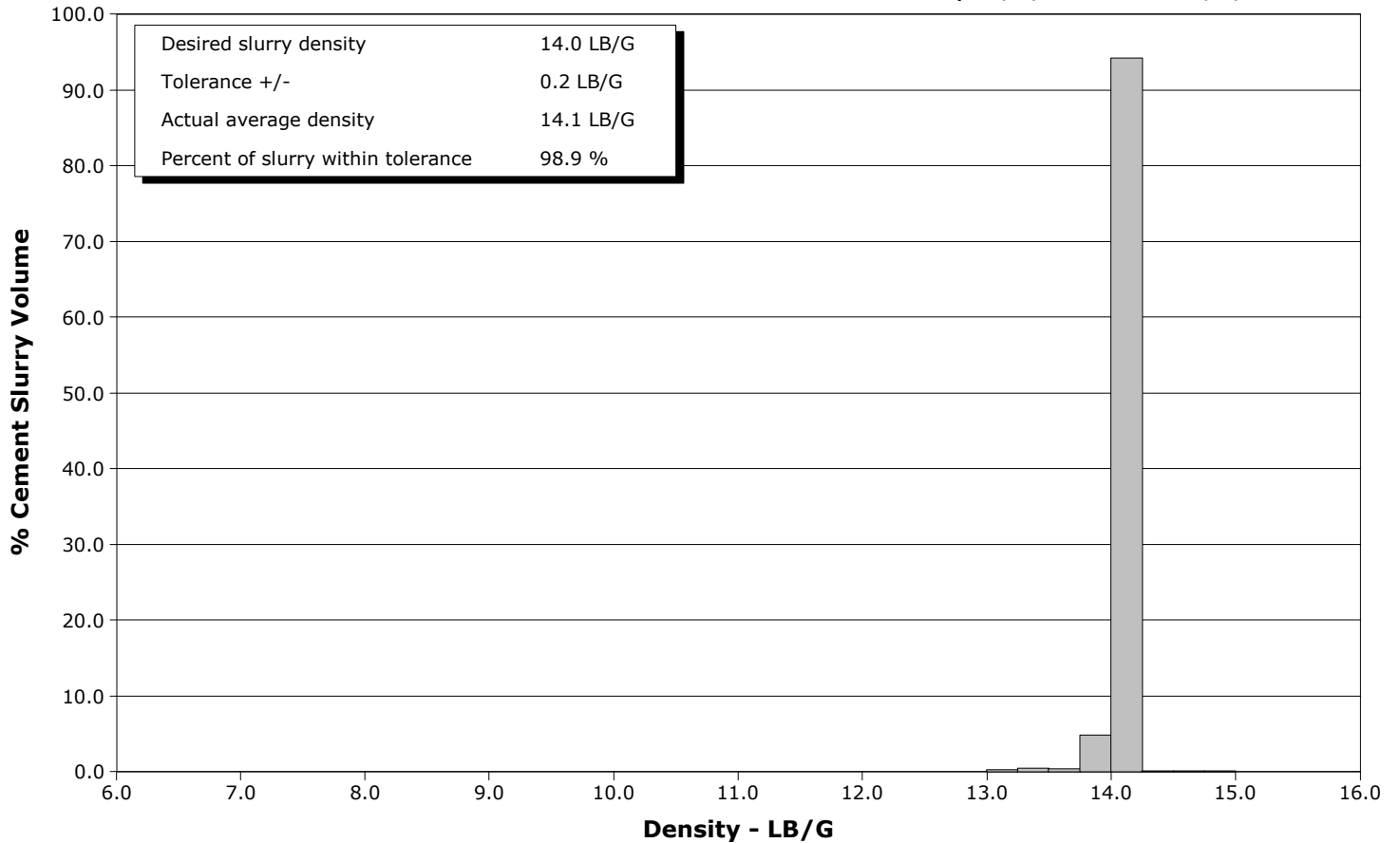
**Well** EF14F-27 P  
**Field** N. PARACHUTE  
**Engineer** DANT RYAN/TED HANSEN  
**Country** United States

**Client** ENCANA  
**SIR No.** 722554  
**Job Type** 9 5/8 SURFACE CASSING  
**Job Date** 02-12-2012

**Lead Slurry - 02/12/2012 20:01:04 to 02/12/2012 20:17:47**



**Tail Slurry - 02/12/2012 20:36:59 to 02/12/2012 20:47:53**



				<b>Customer</b> ENCANA			<b>Job Number</b> 722554											
<b>Well</b> EF14F-27 P EF14FP27P			<b>Location (legal)</b> P 27			<b>Schlumberger Location</b>			<b>Job Start</b> Feb/12/2012									
<b>Field</b> N. PARACHUTE		<b>Formation Name/Type</b> Shale			<b>Deviation</b> deg		<b>Bit Size</b> 12.3 in		<b>Well MD</b> 1823.0 ft		<b>Well TVD</b> 1823.0 ft							
<b>County</b> GARFIELD		<b>State/Province</b> Colorado			<b>BHP</b> psi		<b>BHST</b> 100 degF		<b>BHCT</b> 87 degF		<b>Pore Press. Gradient</b> lb/gal							
<b>Well Master</b> 0631244185		<b>API/UWI</b>																
<b>Rig Name</b> PATTERSON 303		<b>Drilled For</b> Gas		<b>Service Via</b> Land		<b>Casing/Liner</b>												
						<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		<b>Thread</b>				
<b>Offshore Zone</b>		<b>Well Class</b> New		<b>Well Type</b> Development		120.0		16.0		65.0		N/A		N/A				
						1823.0		9.6		36.0		J55		8RD				
<b>Drilling Fluid Type</b> Bentonite			<b>Max. Density</b> lb/gal		<b>Plastic Viscosity</b> cP		<b>Tubing/Drill Pipe</b>											
							<b>T/D</b>		<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		<b>Thread</b>	
<b>Service Line</b> Cementing			<b>Job Type</b> 9 5/8 SURFACE CASSING							0.0		0.0						
										0.0		0.0						
<b>Max. Allowed Tub. Press</b> 3000 psi		<b>Max. Allowed Ann. Press</b> 500 psi		<b>WH Connection</b> Single Cement head		<b>Perforations/Open Hole</b>												
						<b>Top, ft</b>		<b>Bottom, ft</b>		<b>shot/ft</b>		<b>No. of Shots</b>		<b>Total Interval</b> ft				
						ft		ft										
						ft		ft						<b>Diameter</b> in				
						ft		ft										
							<b>Treat Down</b> Casing		<b>Displacement</b> 138.0 bbl		<b>Packer Type</b>		<b>Packer Depth</b> ft					
							<b>Tubing Vol.</b> bbl		<b>Casing Vol.</b> 141.0 bbl		<b>Annular Vol.</b> 111.0 bbl		<b>Openhole Vol.</b> 262.0 bbl					
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>			<b>1 Hole Vol. Circulated prior to Cement</b> <input checked="" type="checkbox"/>			<b>Casing Tools</b>				<b>Squeeze Job</b>								
<b>Lift Pressure</b> 902 psi						<b>Shoe Type</b> Float				<b>Squeeze Type</b>								
<b>Pipe Rotated</b> <input type="checkbox"/>			<b>Pipe Reciprocated</b> <input type="checkbox"/>			<b>Shoe Depth</b> 1823.0 ft				<b>Tool Type</b>								
<b>No. Centralizers</b>			<b>Top Plugs</b> 1		<b>Bottom Plugs</b>		<b>Stage Tool Type</b>				<b>Tool Depth</b> ft							
<b>Cement Head Type</b> Single						<b>Stage Tool Depth</b> ft				<b>Tail Pipe Size</b> in								
<b>Job Scheduled For</b> Feb/12/2012 17:00			<b>Arrived on Location</b> Feb/12/2012 18:00			<b>Leave Location</b> Feb/12/2012 23:00			<b>Collar Type</b> Float				<b>Tail Pipe Depth</b> ft					
									<b>Collar Depth</b> 1772.0 ft				<b>Sqz. Total Vol.</b> bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
02/12/2012	19:00:19	43	0.2	8.33	0.0	Started Acquisition												
02/12/2012	19:01:59	0	0.0	8.32	0.5													
02/12/2012	19:02:46	110	4.9	8.32	3.0	Start Job												
02/12/2012	19:03:39	125	4.1	8.32	5.5													
02/12/2012	19:05:19	26	0.4	8.33	8.3													
02/12/2012	19:06:59	6	0.4	8.33	8.9													
02/12/2012	19:08:39	13	1.2	8.33	12.3													
02/12/2012	19:10:19	0	0.0	8.33	12.4													
02/12/2012	19:11:59	0	0.0	8.33	12.4													
02/12/2012	19:13:39	-1	0.0	8.33	12.4													
02/12/2012	19:15:19	0	0.0	8.33	12.4													
02/12/2012	19:16:59	0	0.0	8.33	12.4													
02/12/2012	19:18:39	0	0.0	8.33	12.4													
02/12/2012	19:20:19	-0	0.0	8.33	12.4													
02/12/2012	19:21:59	1	0.0	8.33	12.4													
02/12/2012	19:23:39	0	0.0	8.33	12.4													
02/12/2012	19:25:19	1	0.0	8.33	12.4													
02/12/2012	19:26:59	1	0.0	8.33	12.4													
02/12/2012	19:28:39	1	0.0	8.33	12.4													
02/12/2012	19:30:19	1	0.0	8.33	12.4													
02/12/2012	19:31:59	1	0.0	8.33	12.4													

Well		Field		Job Start		Customer		Job Number	
EF14F-27 P EF14FP27P		N. PARACHUTE		Feb/12/2012		ENCANA		722554	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/12/2012	19:35:19	1	0.0	8.33	12.4				
02/12/2012	19:36:59	1	0.0	8.33	12.4				
02/12/2012	19:38:39	-2	0.0	8.33	12.4				
02/12/2012	19:40:19	-3	0.0	8.33	12.4				
02/12/2012	19:41:59	-3	0.0	8.33	12.4				
02/12/2012	19:42:59	-3	0.0	8.33	12.4	Fill Lines			
02/12/2012	19:43:05	-3	0.0	8.33	12.4	Pressure Test Lines			
02/12/2012	19:43:07	-2	0.0	8.33	12.4	500 psi Test = Good			
02/12/2012	19:43:10	-3	0.0	8.33	12.4	Start Pumping Spacer			
02/12/2012	19:43:39	-2	0.0	8.33	12.4				
02/12/2012	19:45:19	23	1.2	8.32	0.0				
02/12/2012	19:46:59	11	0.0	8.33	2.1				
02/12/2012	19:48:39	1	0.0	8.33	2.1				
02/12/2012	19:50:19	584	0.0	8.33	2.1				
02/12/2012	19:51:59	3625	0.0	8.33	2.1				
02/12/2012	19:53:39	9	0.0	8.33	2.1				
02/12/2012	19:55:19	43	1.3	8.33	2.2				
02/12/2012	19:55:21	52	1.8	8.33	2.2	Pump 20bbls Water Spacer			
02/12/2012	19:56:11	98	3.9	8.33	4.1	Good Returns			
02/12/2012	19:56:59	126	4.4	8.32	7.6				
02/12/2012	19:58:39	124	4.4	8.32	14.9				
02/12/2012	20:00:19	126	4.4	8.31	22.3				
02/12/2012	20:00:34	137	4.7	12.14	23.5	End Spacer			
02/12/2012	20:00:37	137	4.6	12.31	23.7	Start Cement Slurry			
02/12/2012	20:00:41	156	4.4	12.42	24.0	Start Mixing Scav Slurry			
02/12/2012	20:01:03	277	6.0	12.46	25.7	End Scavenger Slurry			
02/12/2012	20:01:04	292	6.1	12.46	25.8	Start Mixing Lead Slurry			
02/12/2012	20:01:06	271	6.2	12.45	26.0	Pump 272sks (102bbls) 12.5 Lead			
02/12/2012	20:01:57	271	6.0	12.40	31.3	Good Returns			
02/12/2012	20:01:59	244	6.0	12.40	31.5				
02/12/2012	20:02:06	274	6.2	12.41	32.2	Sample # 010742			
02/12/2012	20:03:22	255	6.3	12.52	40.2	Reset Total, Vol = 54.67 bbl			
02/12/2012	20:03:39	257	6.3	12.53	42.0				
02/12/2012	20:05:19	251	6.2	12.55	52.5				
02/12/2012	20:06:59	186	6.1	12.56	62.8				
02/12/2012	20:08:39	227	6.3	12.55	73.1				
02/12/2012	20:10:19	214	6.0	12.54	83.5				
02/12/2012	20:11:59	221	6.0	12.55	93.5				
02/12/2012	20:13:39	226	6.1	12.60	103.6				
02/12/2012	20:15:19	253	6.3	12.56	114.0				
02/12/2012	20:16:59	116	4.4	12.46	122.4				
02/12/2012	20:17:47	1	0.0	12.60	125.1	End Lead Slurry			
02/12/2012	20:17:48	1	0.0	12.60	125.1	Shut Down Batch Up Tail			
02/12/2012	20:18:39	11	0.0	12.59	125.1				
02/12/2012	20:19:19	60	0.0	12.60	125.1	Reset Total, Vol = 84.83 bbl			
02/12/2012	20:20:19	11	0.0	12.61	125.1				
02/12/2012	20:21:59	9	0.0	12.65	125.1				
02/12/2012	20:23:39	13	0.0	12.72	125.1				
02/12/2012	20:25:19	12	0.0	12.79	125.1				
02/12/2012	20:26:59	15	0.0	12.86	125.1				
02/12/2012	20:28:39	15	0.0	12.92	125.1				
02/12/2012	20:30:19	13	0.0	12.96	125.1				
02/12/2012	20:31:59	13	0.0	13.00	125.1				
02/12/2012	20:33:39	15	0.0	13.03	125.1				

Well		Field		Job Start		Customer		Job Number	
EF14F-27 P EF14FP27P		N. PARACHUTE		Feb/12/2012		ENCANA		722554	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/12/2012	20:36:59	110	3.4	14.14	129.9	Start Mixing Tail Slurry			
02/12/2012	20:37:04	109	3.4	14.05	130.2	Pump 159sks(44bbls) 14.0 Tail			
02/12/2012	20:37:31	108	3.4	14.00	131.7	Good Returns			
02/12/2012	20:37:43	110	3.5	14.00	132.4	Take Wet/Dry Samples			
02/12/2012	20:38:04	110	3.5	14.02	133.6	Sample # 011095			
02/12/2012	20:38:39	110	3.4	14.04	135.6				
02/12/2012	20:40:19	109	3.4	14.10	141.3				
02/12/2012	20:41:59	112	3.4	14.11	146.9				
02/12/2012	20:43:39	108	3.4	14.16	152.6				
02/12/2012	20:45:19	124	3.8	14.12	158.4				
02/12/2012	20:46:59	123	3.9	14.13	164.8				
02/12/2012	20:47:53	7	0.3	14.87	168.0	End Tail Slurry			
02/12/2012	20:47:54	7	0.0	15.00	168.0	End Cement Slurry			
02/12/2012	20:47:58	4	0.0	14.94	168.0	Drop Top Plug			
02/12/2012	20:47:59	4	0.0	14.94	168.0	Start Displacement			
02/12/2012	20:48:05	4	0.0	14.27	168.0	Reset Total, Vol = 42.89 bbl			
02/12/2012	20:48:39	6	0.0	13.16	168.0				
02/12/2012	20:50:19	17	0.0	12.36	168.0				
02/12/2012	20:51:59	14	0.0	9.35	168.0				
02/12/2012	20:53:39	116	5.8	8.84	173.9				
02/12/2012	20:55:19	136	5.9	8.21	183.7				
02/12/2012	20:56:59	225	7.8	8.37	194.5				
02/12/2012	20:58:39	213	7.7	8.15	207.3				
02/12/2012	20:59:48	223	7.6	8.20	216.2	Displace 138bbls of Water			
02/12/2012	21:00:19	231	7.8	8.30	220.2				
02/12/2012	21:01:59	298	7.8	8.31	233.1				
02/12/2012	21:03:39	317	7.7	8.31	246.1				
02/12/2012	21:05:19	395	8.0	8.34	259.2				
02/12/2012	21:06:59	511	7.9	8.37	272.3				
02/12/2012	21:08:39	552	7.0	8.32	285.2				
02/12/2012	21:10:19	476	3.8	8.32	292.9				
02/12/2012	21:11:59	426	1.6	8.32	299.0				
02/12/2012	21:13:39	475	2.0	8.32	302.1				
02/12/2012	21:15:19	466	2.0	8.32	305.3				
02/12/2012	21:16:56	514	2.0	8.32	308.6	5bbls Cement to Surface			
02/12/2012	21:16:59	475	2.0	8.32	308.7				
02/12/2012	21:18:39	966	0.0	8.32	309.4				
02/12/2012	21:18:54	967	0.0	8.32	309.4	Bump Top Plug			
02/12/2012	21:18:55	965	0.0	8.32	309.4	End Displacement			
02/12/2012	21:19:38	963	0.0	8.33	309.4	Hold For 5 min			
02/12/2012	21:20:19	960	0.0	8.33	309.4				
02/12/2012	21:21:59	954	0.0	8.33	309.4				
02/12/2012	21:23:31	949	0.0	8.33	309.4	1/2bbl Back			
02/12/2012	21:23:39	948	0.0	8.33	309.4				
02/12/2012	21:25:19	-1	0.0	8.33	309.4				

<b>Well</b> EF14F-27 P EF14FP27P	<b>Field</b> N. PARACHUTE	<b>Job Start</b> Feb/12/2012	<b>Customer</b> ENCANA	<b>Job Number</b> 722554
-------------------------------------	------------------------------	---------------------------------	---------------------------	-----------------------------

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 4.6	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 9.3	<b>Total Slurry</b> 323.9	<b>Mud</b> 0.0	<b>Spacer</b> 37.9	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 3674	<b>Final</b> -0	<b>Average</b> 231	<b>Bump Plug to</b> 900	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 146.0 bbl	<b>Displacement</b> 141.5 bbl	<b>Mix Water Temp</b> 60 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> 5.0 bbl	<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft	
<b>Customer or Authorized Representative</b> CODY HUSEBY			<b>Schlumberger Supervisor</b> DANT RYAN/TED HANSEN		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		