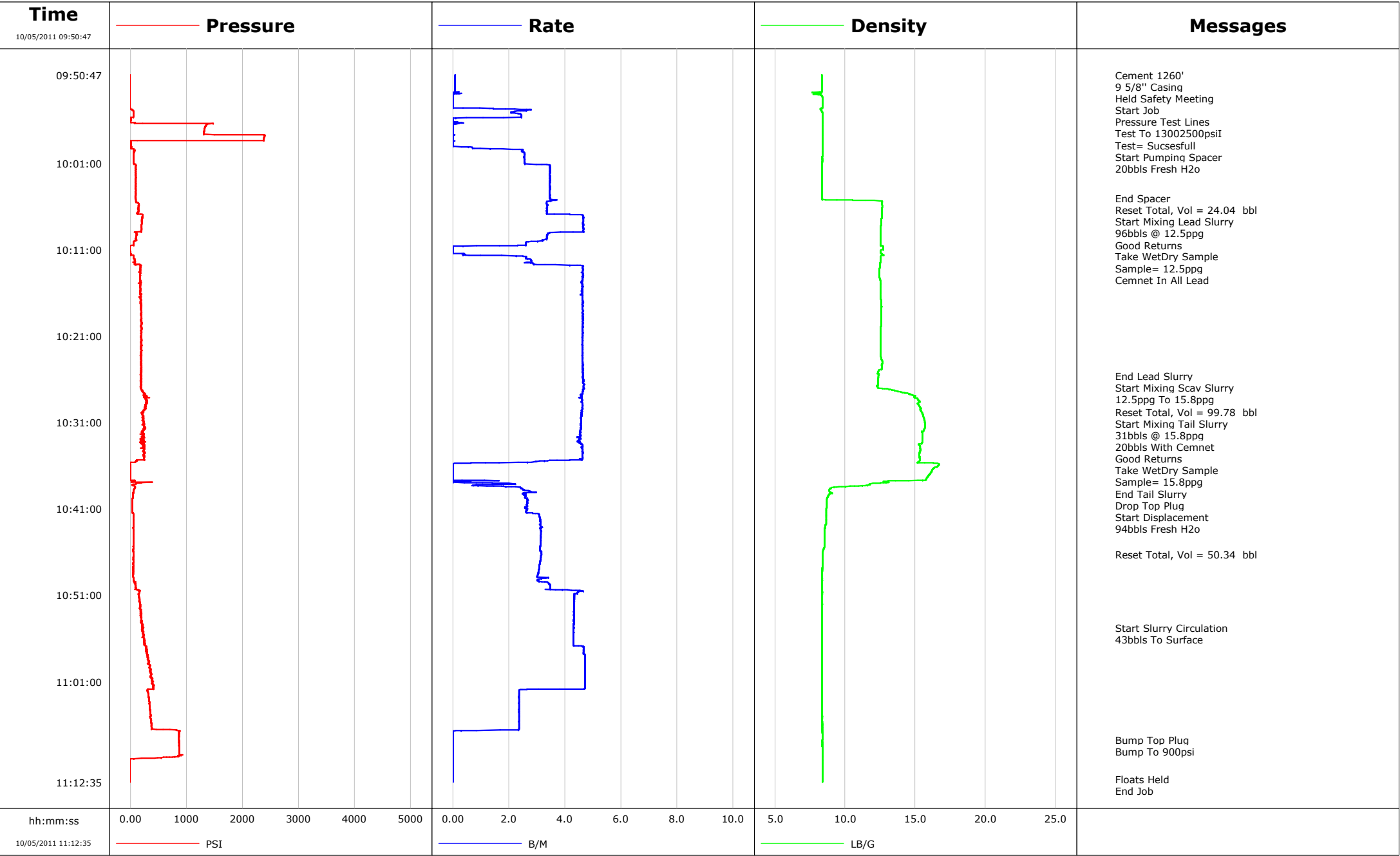


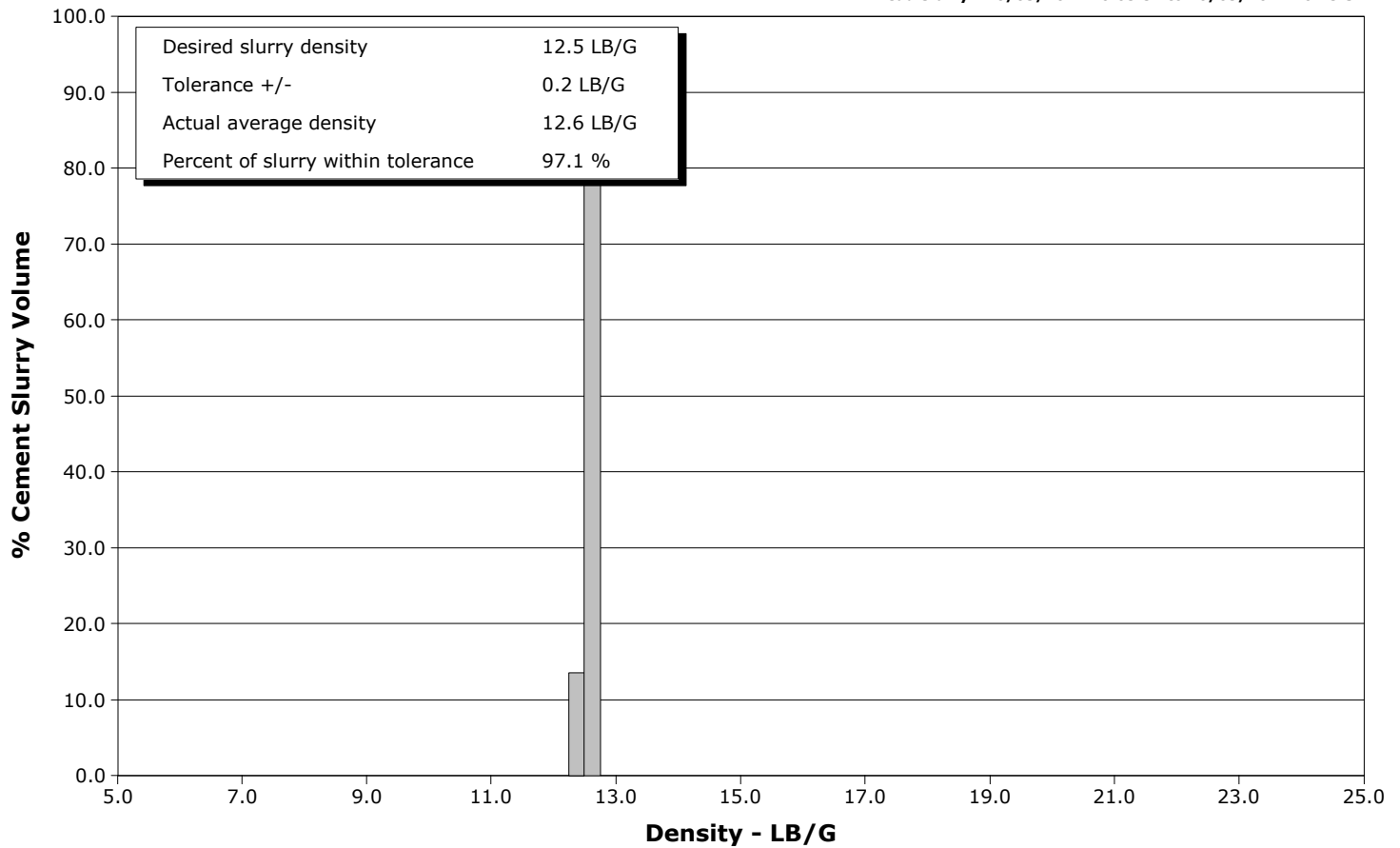
Well	FEDERAL 28-13BB PL	Client	ENCANA
Field	S PARACHUTE	SIR No.	BC74-00097
Engineer	JASON CRICK	Job Type	SURFACE
Country	United States	Job Date	10-05-2011



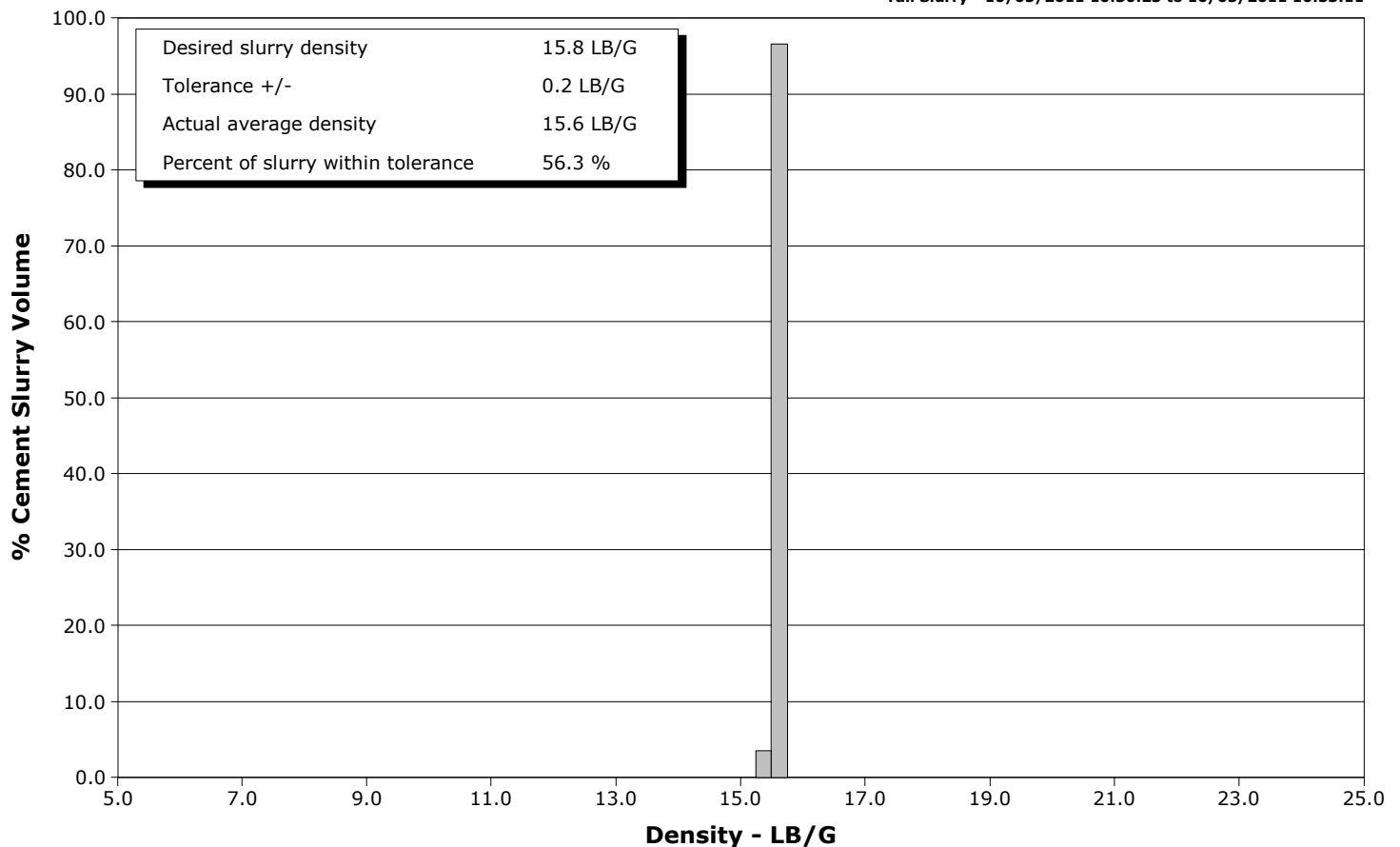
Well FEDERAL 28-13BB PL
Field S PARACHUTE
Engineer JASON CRICK
Country United States

Client ENCANA
SIR No. BC74-00097
Job Type SURFACE
Job Date 10-05-2011

Lead Slurry - 10/05/2011 10:05:57 to 10/05/2011 10:25:37



Tail Slurry - 10/05/2011 10:30:25 to 10/05/2011 10:33:11



				Customer ENCANA				Job Number BC74-00097										
Well FEDERAL 28-13BB PL				Location (legal) HIGH MESA				Schlumberger Location GCO				Job Start Oct/05/2011						
Field S PARACHUTE			Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft						
County GARFILED			State/Province CO			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal						
Well Master 0631241708			API/UWI															
Rig Name NABORS M-15		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		1260.0		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 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		
Service Instructions 255SKS LEAD@ 12.5ppg 150sks 15.8ppg tail								ft		ft								
								ft		ft						Diameter in		
								ft		ft								
		Treat Down Casing			Displacement 94.0 bbl			Packer Type			Packer Depth ft							
		Tubing Vol. bbl			Casing Vol. 98.0 bbl			Annular Vol. 70.0 bbl			Openhole Vol. 168.0 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 624 psi				Shoe Type Guide				Squeeze Type										
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1260.0 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 Oct/05/2011		Arrived on Location Oct/05/2011		Leave Location Oct/05/2011		Collar Type Diff-Fill				Tail Pipe Depth ft								
						Collar Depth 1214.0 ft				Sqz. Total Vol. bbl								
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
10/05/2011	09:50:47	-1	0.1	8.35	0.0	Started Acquisition												
10/05/2011	09:50:48	-1	0.1	8.35	0.0	9 5/8" Casing												
10/05/2011	09:50:50	-1	0.1	8.35	0.0	Start Job												
10/05/2011	09:50:52	-1	0.1	8.35	0.0	Pressure Test Lines												
10/05/2011	09:50:53	-1	0.1	8.35	0.0	Test To 13002500psiI												
10/05/2011	09:50:54	-1	0.1	8.35	0.0	Test= Sucsesfull												
10/05/2011	09:51:17	-3	0.1	8.35	0.0													
10/05/2011	09:51:47	-4	0.1	8.35	0.1													
10/05/2011	09:52:17	-4	0.1	8.35	0.1													
10/05/2011	09:52:47	-4	0.2	8.28	0.2													
10/05/2011	09:53:17	-4	0.0	8.37	0.2													
10/05/2011	09:53:47	-4	0.0	8.37	0.2													
10/05/2011	09:54:17	-5	0.0	8.37	0.2													
10/05/2011	09:54:47	16	2.4	8.24	0.4													
10/05/2011	09:55:17	59	2.3	8.37	1.6													
10/05/2011	09:55:47	6	0.5	8.37	2.8													
10/05/2011	09:56:17	7	0.2	8.37	2.8													
10/05/2011	09:56:47	1336	0.0	8.37	2.8													
10/05/2011	09:57:17	1320	0.0	8.37	2.8													
10/05/2011	09:57:47	2404	0.0	8.37	2.8													
10/05/2011	09:58:17	2382	0.0	8.37	2.8													

Well			Field		Job Start	Customer	Job Number
FEDERAL 28-13BB PL			S PARACHUTE		Oct/05/2011	ENCANA	BC74-00097
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
10/05/2011	09:59:17	16	0.7	8.37	2.9		
10/05/2011	09:59:43	66	2.5	8.37	3.9	Start Pumping Spacer	
10/05/2011	09:59:45	65	2.5	8.37	3.9	20bbls Fresh H2o	
10/05/2011	09:59:47	77	2.6	8.37	4.0		
10/05/2011	10:00:17	64	2.6	8.37	5.3		
10/05/2011	10:00:47	64	2.6	8.37	6.6		
10/05/2011	10:01:17	103	3.5	8.37	8.0		
10/05/2011	10:01:47	93	3.5	8.37	9.7		
10/05/2011	10:02:17	94	3.5	8.36	11.5		
10/05/2011	10:02:47	94	3.5	8.36	13.2		
10/05/2011	10:03:17	102	3.5	8.36	14.9		
10/05/2011	10:03:47	95	3.5	8.36	16.7		
10/05/2011	10:04:17	93	3.5	8.36	18.4		
10/05/2011	10:04:47	94	3.5	8.36	20.1		
10/05/2011	10:05:04	96	3.5	8.36	21.1	End Spacer	
10/05/2011	10:05:17	100	3.7	9.43	21.9		
10/05/2011	10:05:47	148	3.4	12.63	23.6		
10/05/2011	10:05:55	156	3.4	12.66	24.0	Reset Total, Vol = 24.04 bbl	
10/05/2011	10:05:57	144	3.4	12.66	24.2	Start Mixing Lead Slurry	
10/05/2011	10:05:58	148	3.4	12.66	24.2	96bbls @ 12.5ppg	
10/05/2011	10:05:59	148	3.4	12.66	24.3	Cemnet In All Lead	
10/05/2011	10:06:17	143	3.4	12.63	25.3		
10/05/2011	10:06:47	141	3.4	12.62	27.0		
10/05/2011	10:07:17	218	4.7	12.61	29.1		
10/05/2011	10:07:47	205	4.7	12.58	31.4		
10/05/2011	10:08:17	203	4.7	12.56	33.7		
10/05/2011	10:08:47	198	4.7	12.56	36.1		
10/05/2011	10:09:17	113	3.4	12.55	38.1		
10/05/2011	10:09:47	108	3.4	12.54	39.8		
10/05/2011	10:10:17	64	2.6	12.54	41.2		
10/05/2011	10:10:47	-3	0.0	12.72	42.0		
10/05/2011	10:11:17	0	0.0	12.54	42.0		
10/05/2011	10:11:47	66	2.5	12.54	42.3		
10/05/2011	10:12:17	82	2.8	12.53	43.6		
10/05/2011	10:12:47	172	3.7	12.48	45.1		
10/05/2011	10:13:17	178	4.6	12.46	47.3		
10/05/2011	10:13:47	177	4.7	12.46	49.7		
10/05/2011	10:14:17	170	4.6	12.47	52.0		
10/05/2011	10:14:47	177	4.6	12.52	54.3		
10/05/2011	10:15:17	168	4.6	12.51	56.6		
10/05/2011	10:15:47	177	4.6	12.53	58.9		
10/05/2011	10:16:17	190	4.6	12.53	61.2		
10/05/2011	10:16:47	192	4.6	12.56	63.5		
10/05/2011	10:17:17	191	4.6	12.59	65.9		
10/05/2011	10:17:47	194	4.6	12.60	68.2		
10/05/2011	10:18:17	204	4.6	12.59	70.5		
10/05/2011	10:18:47	195	4.6	12.59	72.8		
10/05/2011	10:19:17	191	4.6	12.58	75.1		
10/05/2011	10:19:47	195	4.6	12.57	77.5		
10/05/2011	10:20:17	197	4.6	12.56	79.8		
10/05/2011	10:20:47	194	4.6	12.56	82.1		
10/05/2011	10:21:17	196	4.6	12.55	84.4		
10/05/2011	10:21:47	189	4.6	12.55	86.7		
10/05/2011	10:22:17	190	4.6	12.55	89.0		

Well			Field		Job Start	Customer		Job Number
FEDERAL 28-13BB PL			S PARACHUTE		Oct/05/2011	ENCANA		BC74-00097
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/05/2011	10:23:17	203	4.6	12.54	93.7			
10/05/2011	10:23:47	191	4.6	12.61	96.0			
10/05/2011	10:24:17	190	4.6	12.61	98.3			
10/05/2011	10:24:47	190	4.7	12.61	100.6			
10/05/2011	10:25:17	184	4.6	12.35	103.0			
10/05/2011	10:25:37	204	4.7	12.37	104.5	End Lead Slurry		
10/05/2011	10:25:38	195	4.6	12.36	104.6	Start Mixing Scav Slurry		
10/05/2011	10:25:39	193	4.7	12.36	104.7	12.5ppg To 15.8ppg		
10/05/2011	10:25:47	184	4.6	12.36	105.3			
10/05/2011	10:26:17	200	4.7	12.33	107.6			
10/05/2011	10:26:47	202	4.7	12.25	109.9			
10/05/2011	10:27:17	210	4.6	13.46	112.3			
10/05/2011	10:27:47	258	4.6	14.72	114.6			
10/05/2011	10:28:17	263	4.6	15.18	116.9			
10/05/2011	10:28:47	288	4.6	15.17	119.2			
10/05/2011	10:29:17	255	4.6	15.37	121.5			
10/05/2011	10:29:47	234	4.6	15.45	123.8	Reset Total, Vol = 99.78 bbl		
10/05/2011	10:30:17	241	4.6	15.58	126.1			
10/05/2011	10:30:25	238	4.6	15.61	126.7	Start Mixing Tail Slurry		
10/05/2011	10:30:26	238	4.6	15.62	126.8	31bbls @ 15.8ppg		
10/05/2011	10:30:27	218	4.6	15.62	126.9	20bbls With Cemnet		
10/05/2011	10:30:47	239	4.6	15.66	128.4			
10/05/2011	10:31:17	235	4.6	15.71	130.7			
10/05/2011	10:31:47	243	4.6	15.65	133.0			
10/05/2011	10:32:17	245	4.5	15.54	135.3			
10/05/2011	10:32:47	217	4.5	15.52	137.5			
10/05/2011	10:33:11	243	4.4	15.51	139.3	End Tail Slurry		
10/05/2011	10:33:15	231	4.6	15.50	139.6	Drop Top Plug		
10/05/2011	10:33:17	275	4.5	15.49	139.8			
10/05/2011	10:33:47	260	4.6	15.35	142.1			
10/05/2011	10:34:17	244	4.6	15.36	144.4			
10/05/2011	10:34:47	238	4.6	15.30	146.7			
10/05/2011	10:35:17	237	4.6	15.32	149.0			
10/05/2011	10:35:47	-4	0.0	16.69	150.4			
10/05/2011	10:36:17	1	0.0	16.31	150.4			
10/05/2011	10:36:47	4	0.0	16.12	150.4			
10/05/2011	10:37:17	3	0.0	15.89	150.4			
10/05/2011	10:37:47	87	0.7	13.06	150.5			
10/05/2011	10:38:17	42	0.7	11.52	151.0			
10/05/2011	10:38:47	65	2.5	8.87	152.0			
10/05/2011	10:39:17	47	2.6	8.88	153.3			
10/05/2011	10:39:47	42	2.7	8.72	154.6			
10/05/2011	10:40:17	40	2.7	8.71	156.0			
10/05/2011	10:40:35	41	2.7	8.70	156.8	Start Displacement		
10/05/2011	10:40:39	40	2.7	8.70	156.9	94bbls Fresh H2o		
10/05/2011	10:40:47	37	2.6	8.70	157.3			
10/05/2011	10:41:17	40	2.6	8.67	158.6			
10/05/2011	10:41:47	56	3.1	8.67	160.0			
10/05/2011	10:42:17	57	3.1	8.66	161.6			
10/05/2011	10:42:47	54	3.1	8.65	163.2			
10/05/2011	10:43:17	52	3.1	8.53	164.7			
10/05/2011	10:43:47	54	3.1	8.57	166.3			
10/05/2011	10:44:17	52	3.1	8.56	167.9			
10/05/2011	10:44:47	54	3.1	8.56	169.5			

Well			Field		Job Start		Customer		Job Number	
FEDERAL 28-13BB PL			S PARACHUTE		Oct/05/2011		ENCANA		BC74-00097	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/05/2011	10:45:47	52	3.1	8.45	172.6					
10/05/2011	10:46:17	53	3.2	8.38	174.2	Reset Total, Vol = 50.34 bbl				
10/05/2011	10:46:47	53	3.1	8.37	175.7					
10/05/2011	10:47:17	52	3.1	8.37	177.3					
10/05/2011	10:47:47	52	3.1	8.37	178.9					
10/05/2011	10:48:17	52	3.1	8.37	180.4					
10/05/2011	10:48:47	52	3.0	8.37	181.9					
10/05/2011	10:49:17	65	3.0	8.37	183.5					
10/05/2011	10:49:47	94	3.5	8.37	185.1					
10/05/2011	10:50:17	88	3.5	8.37	186.9					
10/05/2011	10:50:47	159	4.4	8.37	189.0					
10/05/2011	10:51:17	155	4.3	8.37	191.2					
10/05/2011	10:51:47	173	4.3	8.37	193.4					
10/05/2011	10:52:17	170	4.3	8.37	195.5					
10/05/2011	10:52:47	187	4.3	8.37	197.7					
10/05/2011	10:53:17	192	4.3	8.37	199.8					
10/05/2011	10:53:47	208	4.3	8.37	202.0					
10/05/2011	10:54:17	213	4.3	8.37	204.2					
10/05/2011	10:54:47	235	4.3	8.37	206.3	Start Slurry Circulation				
10/05/2011	10:55:08	223	4.3	8.37	207.8	43bbls To Surface				
10/05/2011	10:55:17	225	4.3	8.36	208.5					
10/05/2011	10:55:47	235	4.3	8.37	210.6					
10/05/2011	10:56:17	237	4.3	8.37	212.8					
10/05/2011	10:56:47	246	4.3	8.37	215.0					
10/05/2011	10:57:17	284	4.7	8.37	217.3					
10/05/2011	10:57:47	297	4.7	8.37	219.6					
10/05/2011	10:58:17	305	4.7	8.37	222.0					
10/05/2011	10:58:47	322	4.7	8.37	224.3					
10/05/2011	10:59:17	346	4.7	8.37	226.7					
10/05/2011	10:59:47	358	4.7	8.37	229.0					
10/05/2011	11:00:17	363	4.7	8.37	231.4					
10/05/2011	11:00:47	380	4.7	8.37	233.7					
10/05/2011	11:01:17	391	4.7	8.37	236.1					
10/05/2011	11:01:47	415	4.7	8.37	238.5					
10/05/2011	11:02:17	317	2.4	8.37	239.8					
10/05/2011	11:02:47	328	2.4	8.37	241.0					
10/05/2011	11:03:17	341	2.4	8.37	242.2					
10/05/2011	11:03:47	344	2.4	8.37	243.4					
10/05/2011	11:04:17	356	2.4	8.37	244.6					
10/05/2011	11:04:47	359	2.4	8.37	245.7					
10/05/2011	11:05:17	367	2.4	8.37	246.9					
10/05/2011	11:05:47	372	2.4	8.37	248.1					
10/05/2011	11:06:17	385	2.4	8.37	249.3					
10/05/2011	11:06:47	863	0.0	8.37	250.1					
10/05/2011	11:07:17	868	0.0	8.37	250.1					
10/05/2011	11:07:42	868	0.0	8.37	250.1	Bump Top Plug				
10/05/2011	11:07:43	868	0.0	8.37	250.1	Bump To 900psi				
10/05/2011	11:07:47	868	0.0	8.37	250.1					
10/05/2011	11:08:17	868	0.0	8.37	250.1					
10/05/2011	11:08:47	869	0.0	8.37	250.1					
10/05/2011	11:09:17	869	0.0	8.37	250.1					
10/05/2011	11:09:47	553	0.0	8.37	250.1					
10/05/2011	11:10:17	-3	0.0	8.37	250.1					
10/05/2011	11:10:47	-2	0.0	8.37	250.1					

Well FEDERAL 28-13BB PL			Field S PARACHUTE		Job Start Oct/05/2011	Customer ENCANA		Job Number BC74-00097	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/05/2011	11:11:47	-1	0.0	8.37	250.1				
10/05/2011	11:12:17	-1	0.0	8.37	250.1				
10/05/2011	11:12:18	-1	0.0	8.37	250.1	Floats Held			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.6	N2	Mud	Maximum Rate 4.7		Total Slurry 250.1	Mud 0.0	Spacer 21.1	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2404	Final -1	Average 240	Bump Plug to 900	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 127.0 bbl		Displacement 110.5 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 43.0 bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative ROBERT TATE				Schlumberger Supervisor JASON CRICK			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
						-		-