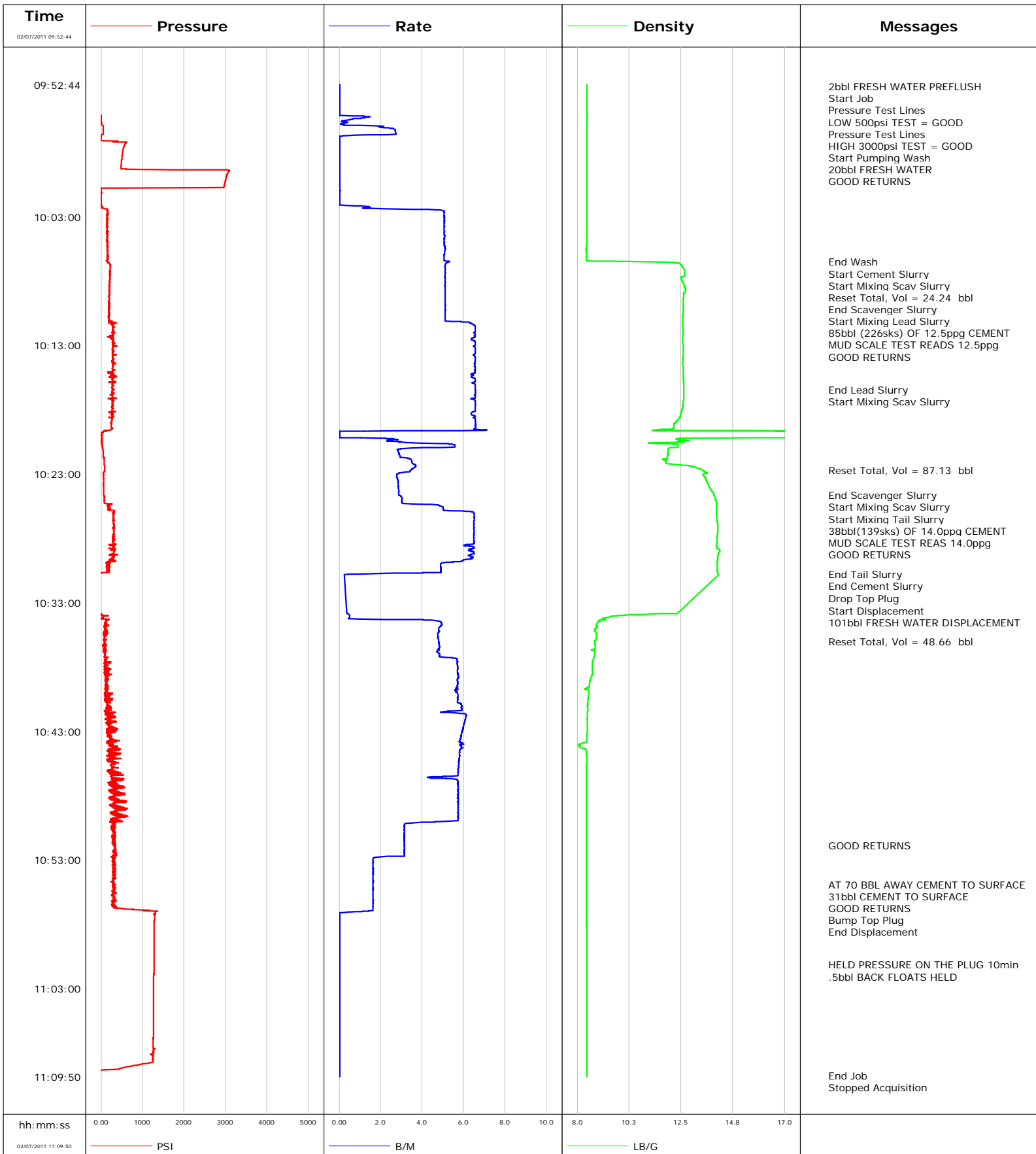


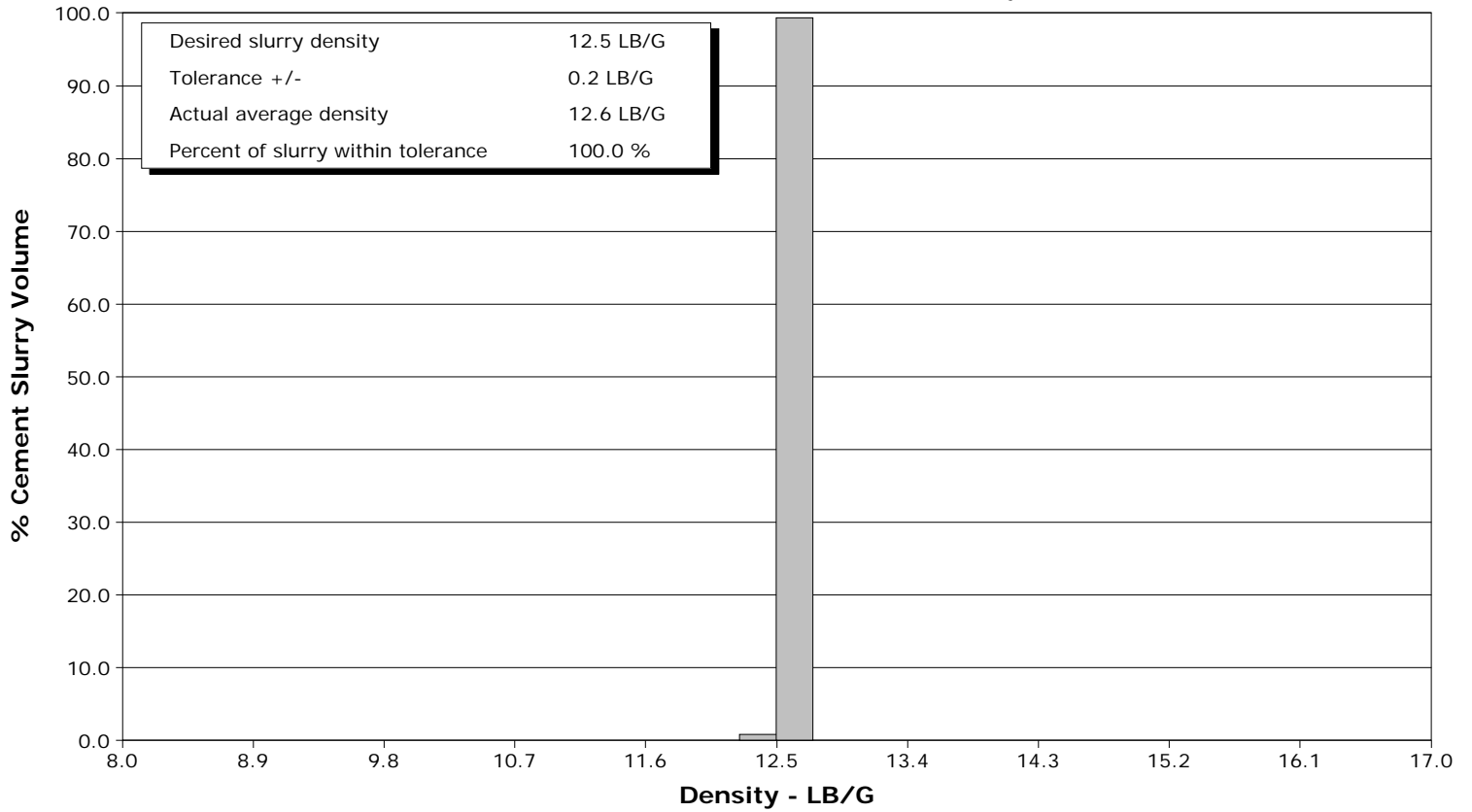
Well	MF07C-16 H17 696	Client	Encana
Field	N. PARACHUTE	SIR No.	489687
Engineer	Dustin Cyrus Krueger	Job Type	9 5/8 Surface @ 1321'
Country	United States	Job Date	02-07-2011



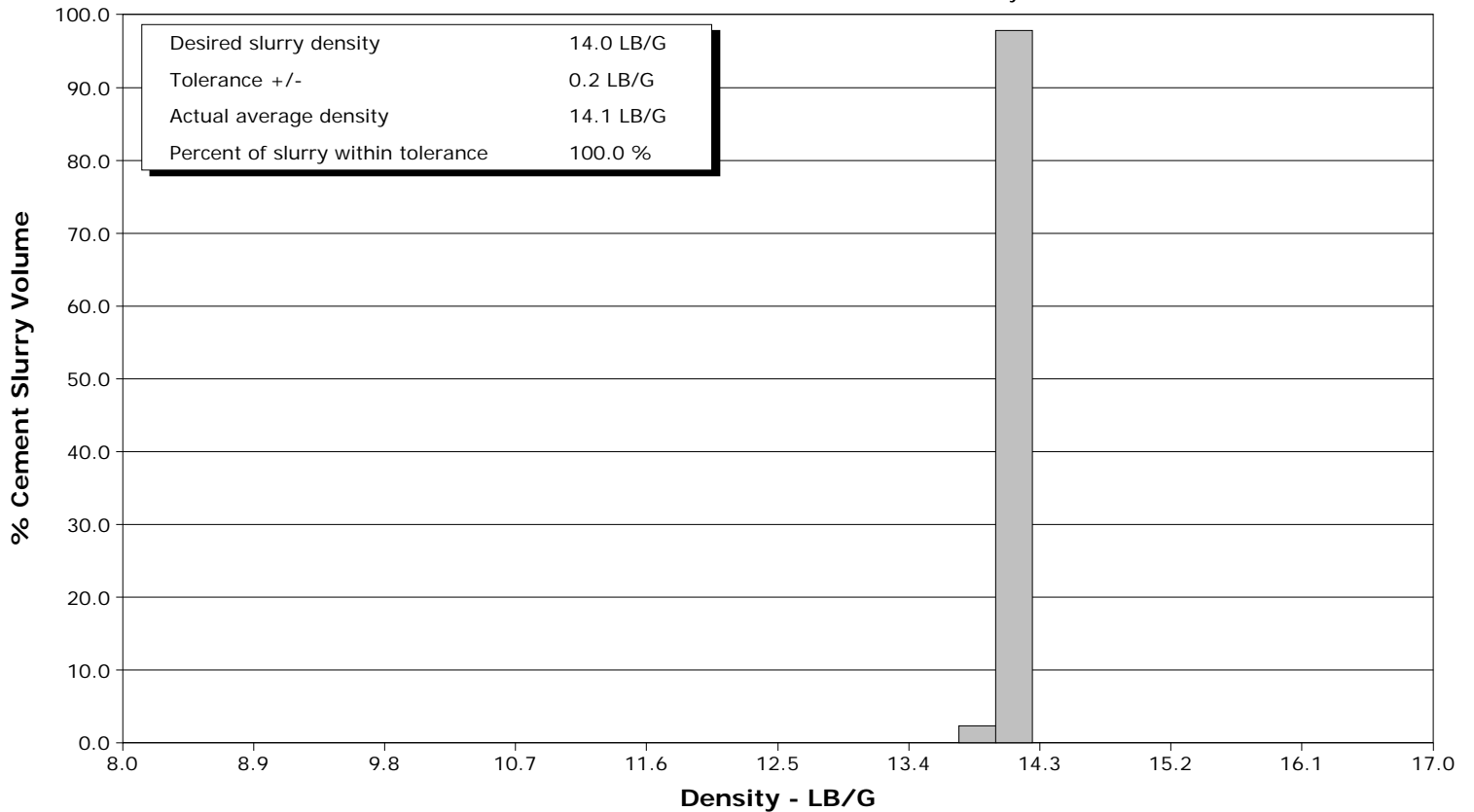
Well MF07C-16 H17 696
Field N. PARACHUTE
Engineer Dustin Cyrus Krueger
Country United States

Client Encana
SIR No. 489687
Job Type 9 5/8 Surface @ 1321'
Job Date 02-07-2011

Lead Slurry - 02/07/2011 10:07:00 to 02/07/2011 10:16:28



Tail Slurry - 02/07/2011 10:24:47 to 02/07/2011 10:30:47





Cementing Service Report

Customer Encana	Job Number 489687
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Well MF07C-16 H17 696 MF07C-16 H17 696	Location (legal) H17 696	Schlumberger Location Grand Junction	Job Start Feb/07/2011
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Field N. PARACHUTE	Formation Name/Type Shale	Deviation 0 deg	Bit Size 12.3 in	Well MD 1321.0 ft	Well TVD 1321.0 ft
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County Garfield	State/Province Colorado	BHP	BHST 100 degF	BHCT 86 degF	Pore Press. Gradient
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Well Master 0631246303	API/UWI	Casing/Liner			
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Rig Name Patterson 303	Drilled For Gas	Service Via Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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Offshore Zone	Well Class New	Well Type Development	120.0	16.000	65.0	N/A	N/A
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Drilling Fluid Type Bentonite	Max. Density 9.40 lb/gal	Plastic Viscosity 11.000 cP	Tubing/Drill Pipe				
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Service Line Cementing	Job Type 9 5/8 Surface @ 1321'					
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Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press 500 psi	WH Connection 9 5/8	Perforations/Open Hole				
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Service Instructions Cement 9 5/8" Surface Casing @ 1321' using: 20bbl fresh water 85bbl(226sks) of 12.5ppg Cement 38bbl(139sks) of 14.0ppg Cement Drop a 9 5/8 Top Plug 101bbl fresh water Displacement	Top,	Bottom,	No. of Shots	Total Interval	Diameter
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Treat Down Casing	Displacement 100.6 bbl	Packer Type	Packer Depth	Tubing Vol.	Casing Vol. 102.1 bbl	Annular Vol. 83.0 bbl	Openhole Vol. 195.0 bbl
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Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>	Casing Tools	Squeeze Job
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Lift Pressure 3 psi	Shoe Type Guide	Squeeze Type
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 1321.0 ft	Tool Type
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No. Centralizers 20	Top Plugs 1	Bottom Plugs	Stage Tool Type	Tool Depth
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Cement Head Type Single	Stage Tool Depth	Tail Pipe Size
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Job Scheduled For Feb/07/2011 05:00	Arrived on Location Feb/07/2011 05:00	Leave Location Feb/07/2011 12:00	Collar Type Float	Tail Pipe Depth
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Collar Depth 1301.0 ft	Sqz. Total Vol.
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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/07/2011	09:33:26					Started Acquisition
02/07/2011	09:33:31					PRE JOB SAFETY MEETING
02/07/2011	09:52:44	-12	0.0	8.42	0.0	
02/07/2011	09:52:53					2bbl FRESH WATER PREFLUSH
02/07/2011	09:52:53	-12	0.0	8.42	0.0	
02/07/2011	09:53:14					Start Job
02/07/2011	09:53:14	-13	0.0	8.42	0.0	
02/07/2011	09:53:16					Pressure Test Lines
02/07/2011	09:53:16	-13	0.0	8.42	0.0	
02/07/2011	09:53:18					LOW 500psi TEST = GOOD
02/07/2011	09:53:18	-13	0.0	8.42	0.0	
02/07/2011	09:53:21					Pressure Test Lines
02/07/2011	09:53:21	-13	0.0	8.42	0.0	
02/07/2011	09:53:26					HIGH 3000psi TEST = GOOD
02/07/2011	09:53:26	-14	0.0	8.42	0.0	
02/07/2011	09:53:34					Start Pumping Wash
02/07/2011	09:53:34	-13	0.0	8.42	0.0	
02/07/2011	09:53:36					20bbl FRESH WATER
02/07/2011	09:53:36					GOOD RETURNS
02/07/2011	09:53:36	-13	0.0	8.42	0.0	
02/07/2011	09:55:56	50	1.7	8.41	0.5	

Well		Field		Job Start		Customer		Job Number	
MF07C-16 H17 696 MF07C-16 H17 696		N. PARACHUTE		Feb/07/2011		Encana		489687	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/07/2011	10:00:56	-5	0.0	8.41	2.3				
02/07/2011	10:03:26	151	5.1	8.41	7.8				
02/07/2011	10:05:56	165	5.1	8.41	20.5				
02/07/2011	10:06:31					End Wash			
02/07/2011	10:06:31	167	5.3	10.98	23.5				
02/07/2011	10:06:33					Start Cement Slurry			
02/07/2011	10:06:33	183	5.2	11.98	23.6				
02/07/2011	10:06:35					Start Mixing Scav Slurry			
02/07/2011	10:06:35	163	5.2	12.35	23.8				
02/07/2011	10:06:40					Reset Total, Vol = 24.24 bbl			
02/07/2011	10:06:40	195	5.1	12.45	24.2				
02/07/2011	10:06:59					End Scavenger Slurry			
02/07/2011	10:06:59	220	5.1	12.60	25.9				
02/07/2011	10:07:00					Start Mixing Lead Slurry			
02/07/2011	10:07:00	225	5.1	12.61	25.9				
02/07/2011	10:07:03					85bbl (226sks) OF 12.5ppg CEMENT			
02/07/2011	10:07:03					MUD SCALE TEST READS 12.5ppg			
02/07/2011	10:07:03	219	5.1	12.62	26.2				
02/07/2011	10:07:04					GOOD RETURNS			
02/07/2011	10:07:04	219	5.1	12.63	26.3				
02/07/2011	10:08:26	202	5.1	12.67	33.3				
02/07/2011	10:10:56	187	5.1	12.58	46.1				
02/07/2011	10:13:26	319	6.6	12.60	62.0				
02/07/2011	10:15:56	280	6.4	12.61	78.3				
02/07/2011	10:16:28					End Lead Slurry			
02/07/2011	10:16:28	275	6.6	12.61	81.8				
02/07/2011	10:16:29					Start Mixing Scav Slurry			
02/07/2011	10:16:29	303	6.6	12.61	81.9				
02/07/2011	10:18:26	276	6.5	12.48	94.6				
02/07/2011	10:20:56	45	5.0	12.25	105.5				
02/07/2011	10:22:42					Reset Total, Vol = 87.13 bbl			
02/07/2011	10:22:42	84	3.5	13.44	111.4				
02/07/2011	10:23:26	64	2.8	13.61	113.5				
02/07/2011	10:24:38					End Scavenger Slurry			
02/07/2011	10:24:38	68	2.9	13.92	117.0				
02/07/2011	10:24:46					Start Mixing Scav Slurry			
02/07/2011	10:24:46	84	3.0	13.96	117.4				
02/07/2011	10:24:47					Start Mixing Tail Slurry			
02/07/2011	10:24:47	84	3.0	13.96	117.4				
02/07/2011	10:24:49					38bbl(139sks) OF 14.0ppg CEMENT			
02/07/2011	10:24:49	84	3.0	13.96	117.5				
02/07/2011	10:24:50					MUD SCALE TEST REAS 14.0ppg			
02/07/2011	10:24:50					GOOD RETURNS			
02/07/2011	10:24:50	84	3.0	13.96	117.6				
02/07/2011	10:25:56	315	6.3	14.03	122.1				
02/07/2011	10:28:26	298	6.5	14.04	138.3				
02/07/2011	10:30:47					End Tail Slurry			
02/07/2011	10:30:47	-22	0.5	14.15	151.6				
02/07/2011	10:30:48					End Cement Slurry			
02/07/2011	10:30:48	-23	0.5	14.15	151.6				
02/07/2011	10:33:53					101bbl FRESH WATER DISPLACEMENT			
02/07/2011	10:33:53	2	0.5	11.15	151.6				
02/07/2011	10:35:56	66	4.8	8.80	159.6				
02/07/2011	10:36:01					Reset Total, Vol = 48.66 bbl			

Well		Field		Job Start		Customer		Job Number	
MF07C-16 H17 696 MF07C-16 H17 696		N. PARACHUTE		Feb/07/2011		Encana		489687	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/07/2011	10:38:26	182	5.7	8.65	172.7				
02/07/2011	10:40:56	150	5.9	8.45	187.0				
02/07/2011	10:43:26	241	5.9	8.42	201.8				
02/07/2011	10:45:56	256	5.7	8.41	216.3				
02/07/2011	10:48:26	614	5.7	8.40	230.4				
02/07/2011	10:50:56	329	3.1	8.40	242.5				
02/07/2011	10:51:53					GOOD RETURNS			
02/07/2011	10:51:53	312	3.1	8.40	245.5				
02/07/2011	10:53:26	352	1.6	8.40	249.3				
02/07/2011	10:54:55					AT 70 BBL AWAY CEMENT TO SURFACE			
02/07/2011	10:54:55					31bbl CEMENT TO SURFACE			
02/07/2011	10:54:55	318	1.6	8.40	251.7				
02/07/2011	10:55:38					GOOD RETURNS			
02/07/2011	10:55:38	263	1.6	8.40	252.9				
02/07/2011	10:55:56	330	1.6	8.40	253.4				
02/07/2011	10:57:21					Bump Top Plug			
02/07/2011	10:57:21	1291	0.0	8.41	255.2				
02/07/2011	10:57:22					End Displacement			
02/07/2011	10:57:22	1288	0.0	8.41	255.2				
02/07/2011	10:58:26	1283	0.0	8.41	255.2				
02/07/2011	11:00:56	1276	0.0	8.41	255.2				
02/07/2011	11:01:09					HELD PRESSURE ON THE PLUG 10min			
02/07/2011	11:01:09					.5bbl BACK FLOATS HELD			
02/07/2011	11:01:09	1275	0.0	8.41	255.2				
02/07/2011	11:03:26	1270	0.0	8.41	255.2				
02/07/2011	11:05:56	1264	0.0	8.41	255.2				
02/07/2011	11:08:26	1252	0.0	8.42	255.2				
02/07/2011	11:09:44					End Job			
02/07/2011	11:09:44	-31	0.0	8.42	255.2				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.0		0.0	6.9	123.0	0.0	20.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
3000	400	105	1378		FreshWater	290.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
	123.0 bbl		100.6 bbl	85 degF	<input checked="" type="checkbox"/>		31.0 bbl
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs	
Cody Huseby				Dustin Cyrus Krueger		<input type="checkbox"/>	
				Circulation Lost		Job Completed	
				-		<input checked="" type="checkbox"/>	