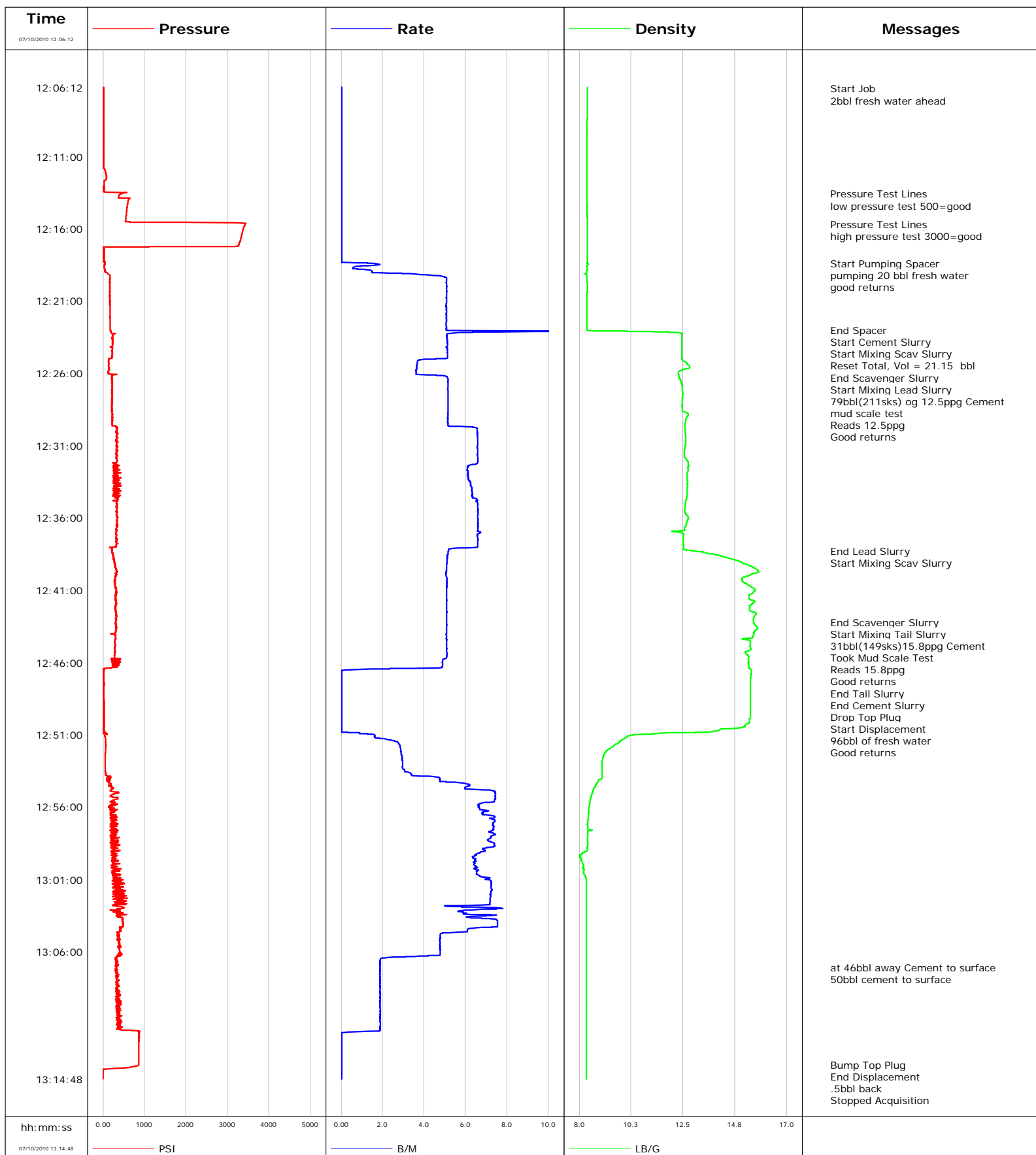


**Well** GMR 8-6A1  
**Field** S Parachute  
**Engineer** Dustin C Krueger  
**Country** United States

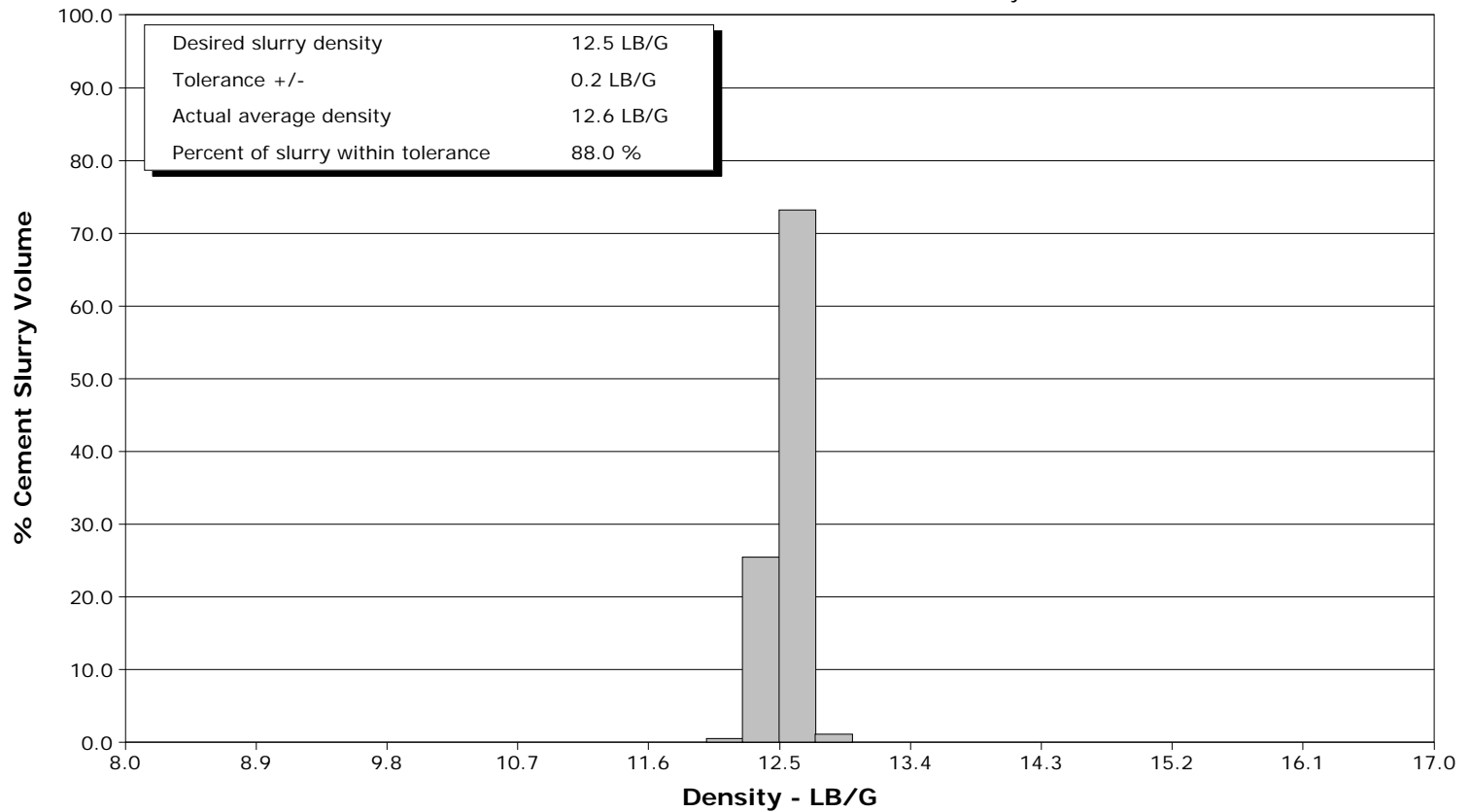
**Client** Encana Oil Gas  
**SIR No.** 000347409  
**Job Type** 1284ft 9 5/8 Surface  
**Job Date** 07-10-10



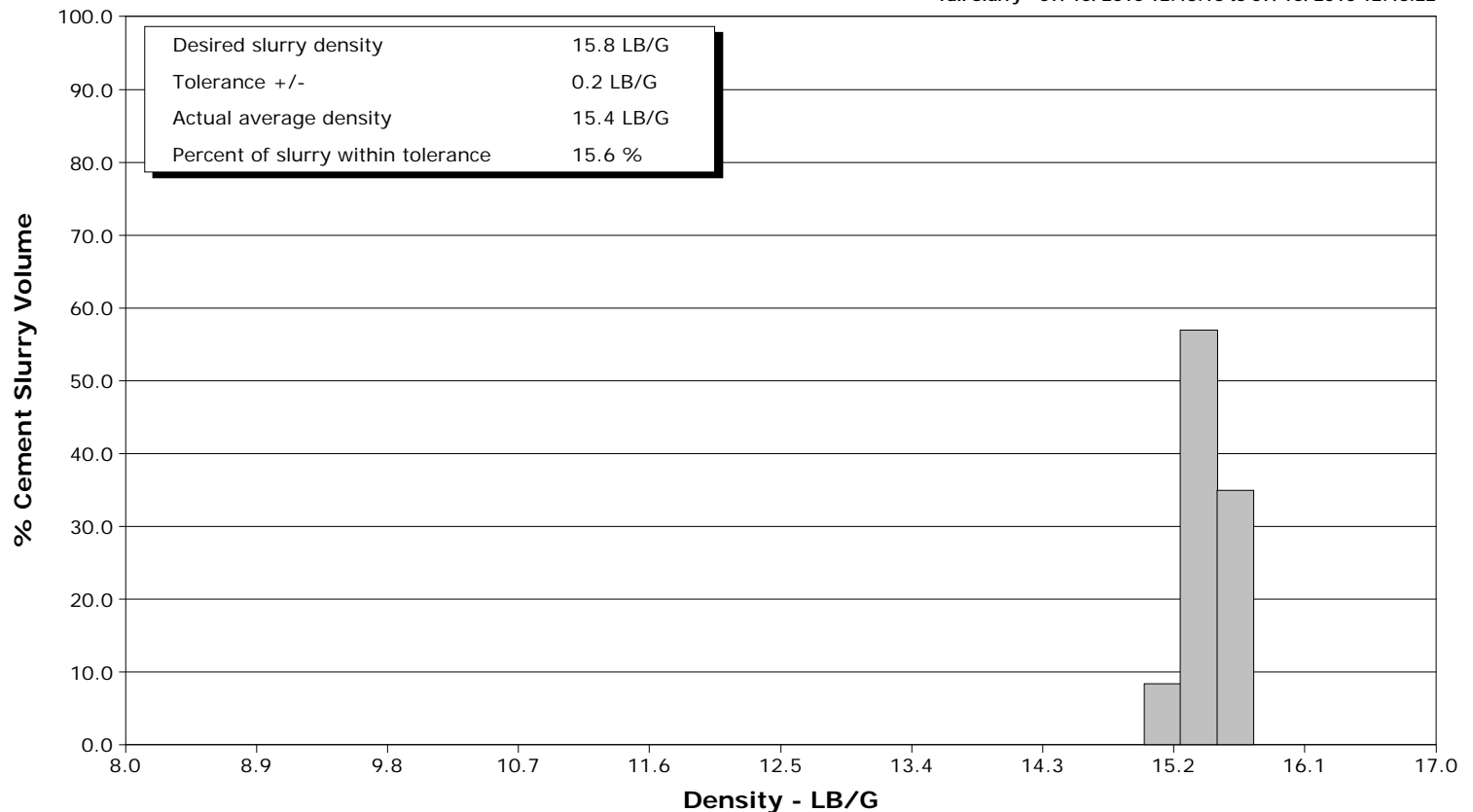
**Well** GMR 8-6A1  
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**Country** United States

**Client** Encana Oil Gas  
**SIR No.** 000347409  
**Job Type** 1284ft 9 5/8 Surface  
**Job Date** 07-10-10

Lead Slurry - 07/10/2010 12:23:47 to 07/10/2010 12:38:17



Tail Slurry - 07/10/2010 12:43:13 to 07/10/2010 12:46:22





# Cementing Service Report

				Customer Encana Oil & Gas		Job Number 000347409	
Well GMR 8-6A1 GMR 8 6A1			Location (legal) Mamm Creek		Schlumberger Location Grand Junctin		Job Start Jul/10/2010
Field S Parachute		Formation Name/Type shale		Deviation 0 deg	Bit Size 12.3 in	Well MD 1284.0 ft	Well TVD 1284.0 ft
County Garfield		State/Province Colorado		BHP	BHST 100 degF	BHCT 83 degF	Pore Press. Gradient
Well Master 0631179482		API/UWI					
Rig Name NABORS M-13		Drilled For Gas	Service Via Land	Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class New	Well Type Development	40.0	16.000	65.0	N/A
				1284.0	9.630	36.0	K55
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal	Plastic Viscosity 35.000 cP	Tubing/Drill Pipe			
				Depth,	Size,	Weight,	Grade
Service Line Cementing		Job Type 1284ft 9 5/8 Surface					
Max. Allowed Tub. Press 3500 psi		Max. Allowed Ann. Press 2200 psi	WH Connection Single Cement head	Perforations/Open Hole			
				Top,	Bottom,	No. of Shots	Total Interval
							Diameter
				Treat Down Casing	Displacement 96.0 bbl	Packer Type	Packer Depth
				Tubing Vol. 0.0 bbl	Casing Vol. 99.2 bbl	Annular Vol. 75.0 bbl	Openhole Vol. 177.0 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 643 psi				Shoe Type Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1284.0 ft		Tool Type	
No. Centralizers 5		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth	
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size	
Job Scheduled For Jul/10/2010 11:00		Arrived on Location Jul/10/2010 10:45	Leave Location Jul/10/2010 13:00	Collar Type Float		Tail Pipe Depth	
				Collar Depth 1242.0 ft		Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/10/2010	11:51:24					Started Acquisition	
07/10/2010	11:51:28					Pre Job Safty Meeting	
07/10/2010	12:06:12	5	0.0	8.35	0.0		
07/10/2010	12:06:18					Start Job	
07/10/2010	12:06:18	5	0.0	8.35	0.0		
07/10/2010	12:06:21					2bbl fresh water ahead	
07/10/2010	12:06:21	4	0.0	8.35	0.0		
07/10/2010	12:06:24	4	0.0	8.35	0.0		
07/10/2010	12:11:24	3	0.0	8.34	0.0		
07/10/2010	12:13:33					Pressure Test Lines	
07/10/2010	12:13:33	467	0.0	8.34	0.0		
07/10/2010	12:13:38					low pressure test 500=good	
07/10/2010	12:13:38	403	0.0	8.34	0.0		
07/10/2010	12:15:42					Pressure Test Lines	
07/10/2010	12:15:42	3428	0.0	8.34	0.0		
07/10/2010	12:15:47					high pressure test 3000=good	
07/10/2010	12:15:47	3409	0.0	8.34	0.0		
07/10/2010	12:16:24	3346	0.0	8.34	0.0		
07/10/2010	12:18:24					Start Pumping Spacer	
07/10/2010	12:18:24	47	1.5	8.37	0.1		
07/10/2010	12:18:28					pumping 20 bbl fresh water	

Well			Field		Job Start		Customer		Job Number	
GMR 8-6A1 GMR 8 6A1			S Parachute		Jul/10/2010		Encana Oil & Gas		000347409	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/10/2010	12:18:32					good returns				
07/10/2010	12:18:32	28	1.6	8.35	0.3					
07/10/2010	12:21:24	168	5.1	8.34	12.5					
07/10/2010	12:22:59					End Spacer				
07/10/2010	12:22:59	175	5.1	8.34	20.5					
07/10/2010	12:23:00					Start Cement Slurry				
07/10/2010	12:23:00	176	5.1	8.34	20.6					
07/10/2010	12:23:01					Start Mixing Scav Slurry				
07/10/2010	12:23:01	176	5.1	8.34	20.7					
07/10/2010	12:23:05					Reset Total, Vol = 21.15 bbl				
07/10/2010	12:23:05	195	11.5	10.08	21.2					
07/10/2010	12:23:46					End Scavenger Slurry				
07/10/2010	12:23:46	235	5.1	12.44	25.0					
07/10/2010	12:23:47					Start Mixing Lead Slurry				
07/10/2010	12:23:47	225	5.1	12.44	25.1					
07/10/2010	12:23:58					79bbl(211sks) og 12.5ppg Cement				
07/10/2010	12:23:58					mud scale test				
07/10/2010	12:23:58	225	5.1	12.44	26.0					
07/10/2010	12:23:59					Reads 12.5ppg				
07/10/2010	12:23:59	238	5.1	12.44	26.1					
07/10/2010	12:24:08					Good returns				
07/10/2010	12:24:08	227	5.1	12.44	26.9					
07/10/2010	12:26:24	211	5.2	12.39	36.8					
07/10/2010	12:31:24	348	6.6	12.55	65.0					
07/10/2010	12:36:24	328	6.6	12.65	97.0					
07/10/2010	12:38:17					End Lead Slurry				
07/10/2010	12:38:17	211	5.2	13.00	109.2					
07/10/2010	12:38:18					Start Mixing Scav Slurry				
07/10/2010	12:38:18	224	5.2	13.00	109.3					
07/10/2010	12:41:24	296	5.1	15.36	125.1					
07/10/2010	12:43:12					End Scavenger Slurry				
07/10/2010	12:43:12	317	5.1	15.55	134.2					
07/10/2010	12:43:13					Start Mixing Tail Slurry				
07/10/2010	12:43:13	301	5.1	15.55	134.3					
07/10/2010	12:43:17					31bbl(149sks)15.8ppg Cement				
07/10/2010	12:43:17	296	5.1	15.57	134.6					
07/10/2010	12:43:18					Took Mud Scale Test				
07/10/2010	12:43:18	316	5.1	15.57	134.7					
07/10/2010	12:43:19					Reads 15.8ppg				
07/10/2010	12:43:19					Good returns				
07/10/2010	12:43:19	316	5.1	15.58	134.8					
07/10/2010	12:46:22					End Tail Slurry				
07/10/2010	12:46:22	201	4.7	15.34	150.2					
07/10/2010	12:46:23					End Cement Slurry				
07/10/2010	12:46:23	86	4.7	15.34	150.3					
07/10/2010	12:46:24	86	3.4	15.36	150.4					
07/10/2010	12:46:29					Drop Top Plug				
07/10/2010	12:46:29	18	0.8	15.46	150.5					
07/10/2010	12:46:30					Start Displacement				
07/10/2010	12:46:30	18	0.4	15.47	150.5					
07/10/2010	12:46:33					96bbl of fresh water				
07/10/2010	12:46:33					Good returns				
07/10/2010	12:46:33	15	0.1	15.47	150.5					
07/10/2010	12:51:24	63	2.5	9.81	151.4					

Well			Field		Job Start	Customer		Job Number	
GMR 8-6A1 GMR 8 6A1			S Parachute		Jul/10/2010	Encana Oil & Gas		000347409	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/10/2010	13:01:24	389	7.2	8.31	210.0				
07/10/2010	13:06:24	339	2.3	8.31	240.7				
07/10/2010	13:07:05					at 46bbl away Cement to surface			
07/10/2010	13:07:05					50bbl cement to surface			
07/10/2010	13:07:05	320	1.9	8.31	242.0				
07/10/2010	13:11:24	395	1.9	8.31	250.1				
07/10/2010	13:13:49					Bump Top Plug			
07/10/2010	13:13:49	866	0.0	8.31	250.4				
07/10/2010	13:13:50					End Displacement			
07/10/2010	13:13:50	866	0.0	8.31	250.4				
07/10/2010	13:13:53					.5bbl back			
07/10/2010	13:13:53	837	0.0	8.31	250.4				
07/10/2010	13:14:50					Stopped Acquisition			

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry 110.0	Mud 0.0	Spacer 20.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3000	Final 1300	Average 300	Bump Plug to 1300	Breakdown 275	Type FreshWater	Volume 273.0 bbl		Density 8.34 lb/gal		
Avg. N2 Percent		Designed Slurry Volume 110.0 bbl		Displacement 96.0 bbl		Mix Water Temp 70 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 50.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Danny Asuchak				Schlumberger Supervisor Dustin C Krueger				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-