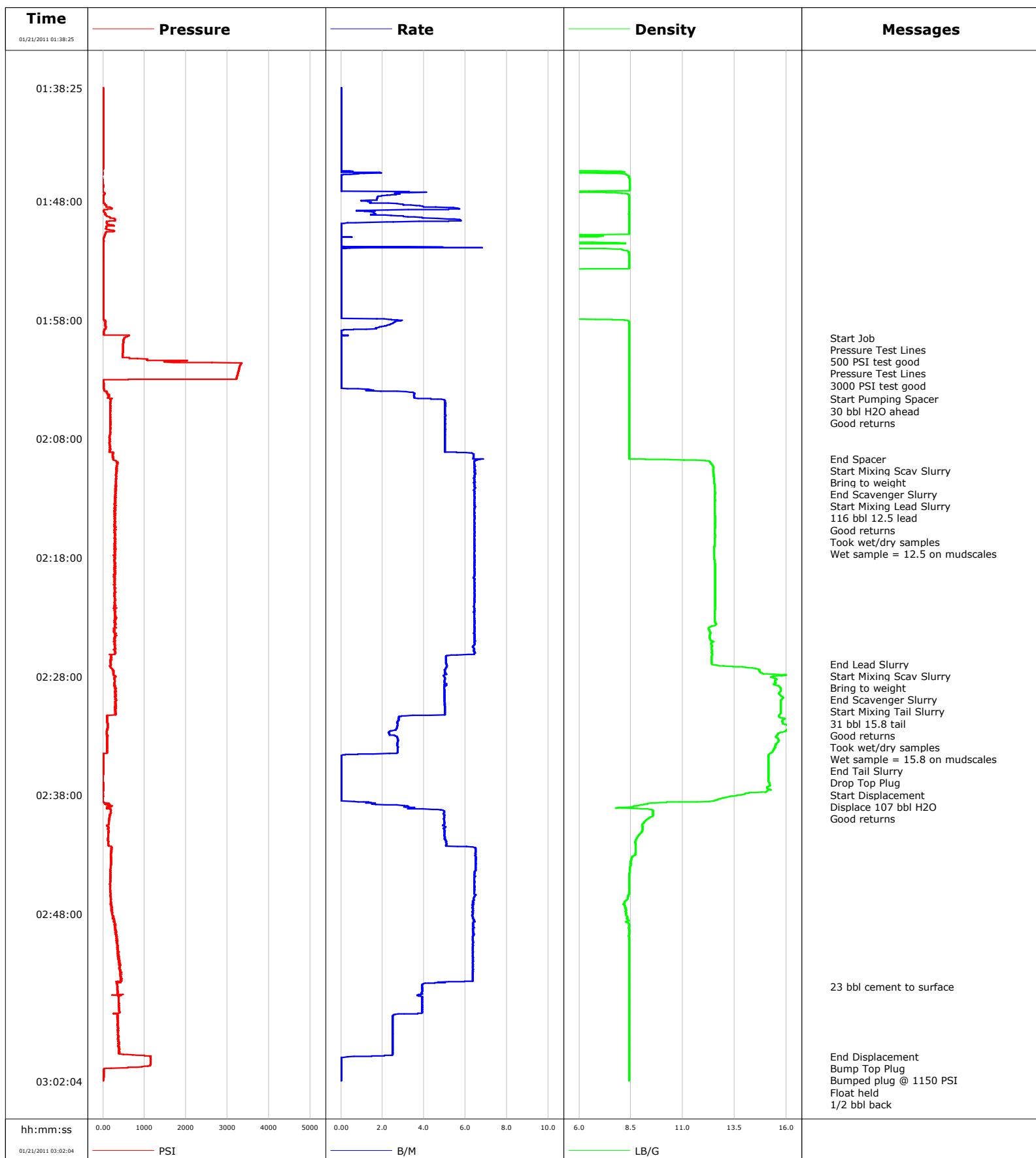


Well Benjamin Federal 28-13C1
Field Mamm Creek
Engineer Matt Fair
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 01-20-2011

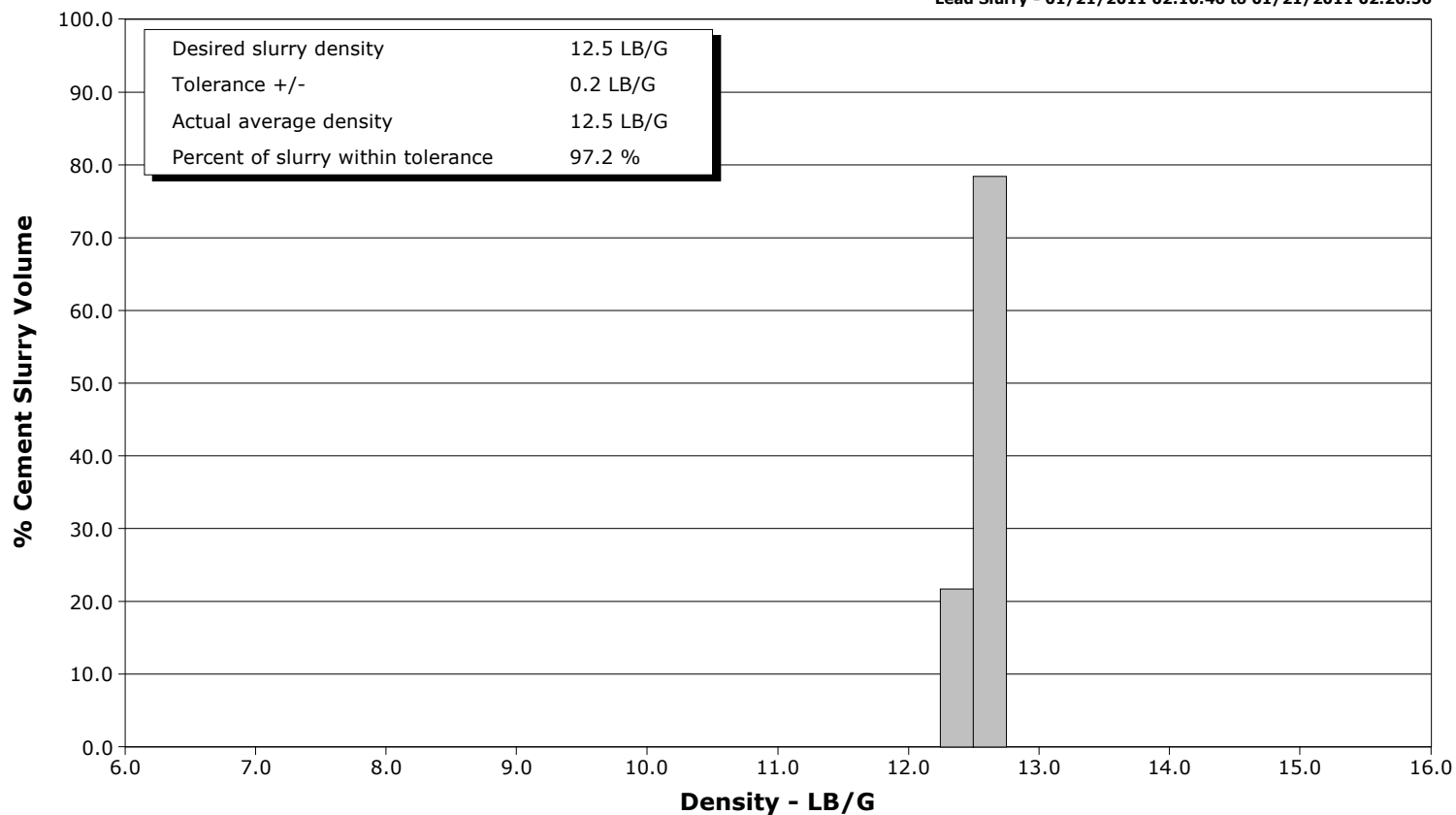


Schlumberger Cementing Qa/Qc Density Report

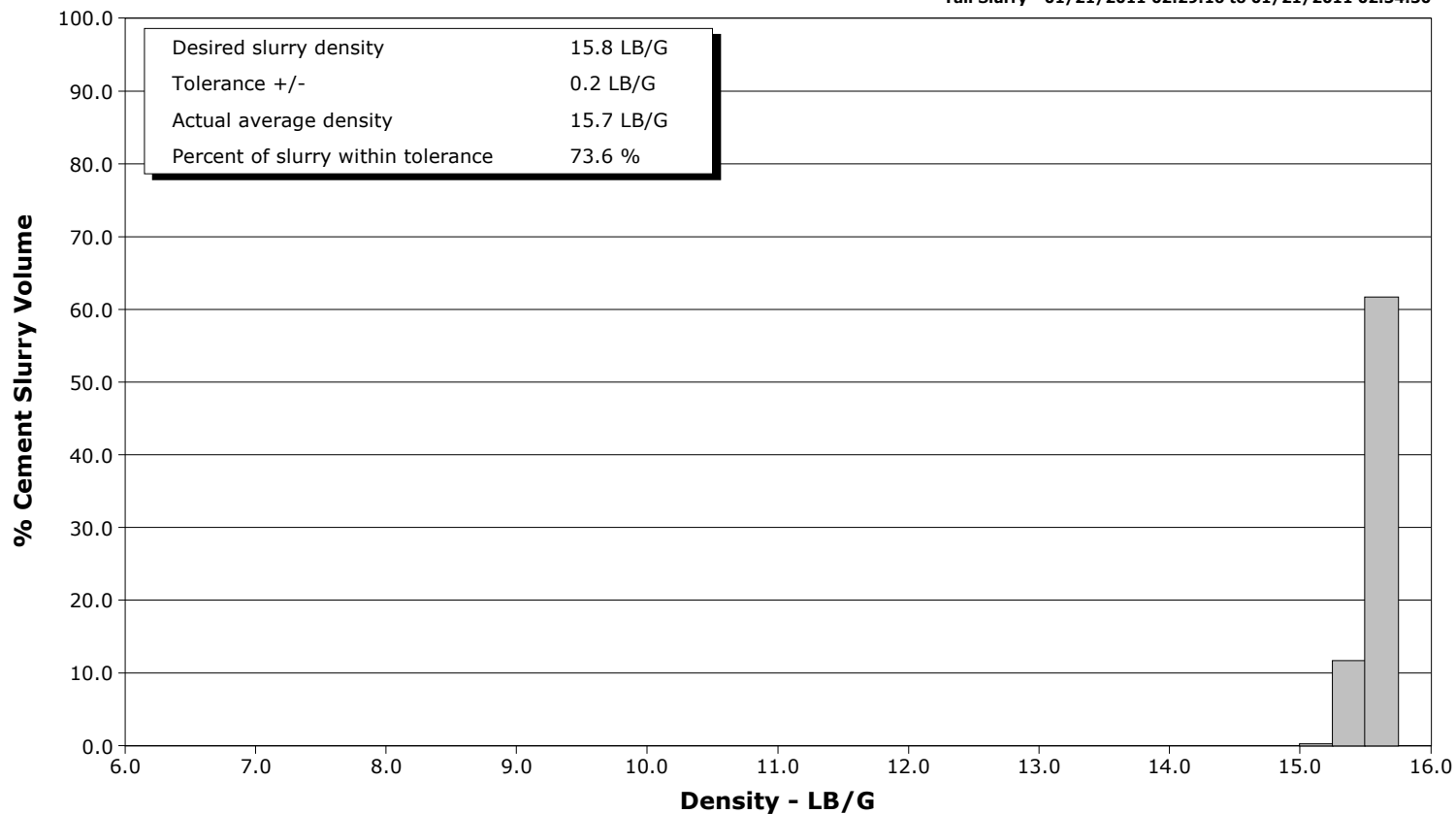
Well Benjamin Federal 28-13C1
Field Mamm Creek
Engineer Matt Fair
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 01-20-2011

Lead Slurry - 01/21/2011 02:10:46 to 01/21/2011 02:26:56



Tail Slurry - 01/21/2011 02:29:16 to 01/21/2011 02:34:30





Cementing Service Report

				Customer Encana		Job Number BAD4-00264		
Well Benjamin Federal 28-13C1			Location (legal)		Schlumberger Location		Job Start Jan/20/2011	
Field Mamm Creek		Formation Name/Type Shale		Deviation 0 deg	Bit Size 12.3 in	Well MD 1428.0 ft	Well TVD 1428.0 ft	
County Garfield		State/Province Colorado		BHP	BHST 98 degF	BHCT 90 degF	Pore Press. Gradient	
Well Master 0631233168		API/UWI						
Rig Name Nabors M15		Drilled For Gas	Service Via Land	Casing/Liner				
				Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone		Well Class New	Well Type Exploration	40.0	16.000	55.0	N/A	N/A
				1428.0	9.630	36.0	J55	8RD
Drilling Fluid Type Bentonite		Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing		Job Type 9 5/8 Surface						
Max. Allowed Tub. Press 3520 psi		Max. Allowed Ann. Press 2030 psi	WH Connection 9 5/8	Perforations/Open Hole				
				Top,	Bottom,		No. of Shots	Total Interval
								Diameter
				Treat Down Casing	Displacement 107.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 110.0 bbl	Annular Vol. 83.0 bbl	Openhole Vol. 196.0 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 707 psi				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1428.0 ft		Tool Type		
No. Centralizers 16		Top Plugs 1	Bottom Plugs 0	Stage Tool Type		Tool Depth		
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size		
Job Scheduled For Jan/20/2011 18:00		Arrived on Location Jan/20/2011 18:00	Leave Location Jan/20/2011	Collar Type Float		Tail Pipe Depth		
				Collar Depth 1385.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/21/2011	01:38:14					Started Acquisition		
01/21/2011	01:38:20					Remark		
01/21/2011	01:38:21					Remark		
01/21/2011	01:38:25	3	0.0	0.01	0.0			
01/21/2011	01:39:54	4	0.0	0.01	0.0			
01/21/2011	01:41:34	4	0.0	0.01	0.0			
01/21/2011	01:43:14	4	0.0	0.01	0.0			
01/21/2011	01:44:54	3	0.0	0.01	0.0			
01/21/2011	01:46:34	-1	0.0	8.43	0.2			
01/21/2011	01:48:14	41	3.0	8.41	2.4			
01/21/2011	01:49:54	102	0.0	8.42	7.7			
01/21/2011	01:51:34	9	0.0	6.98	7.8			
01/21/2011	01:53:14	3	0.0	8.41	8.1			
01/21/2011	01:54:54	1	0.0	0.03	8.1			
01/21/2011	01:56:34	1	0.0	0.04	8.1			
01/21/2011	01:58:14	57	2.5	8.41	9.0			
01/21/2011	01:59:28					Start Job		
01/21/2011	01:59:28	530	0.0	8.41	10.2			
01/21/2011	01:59:31					Pressure Test Lines		
01/21/2011	01:59:31	512	0.0	8.41	10.2			
01/21/2011	01:59:32					500 PSI test good		

Well			Field		Job Start		Customer		Job Number	
Benjamin Federal 28-13C1			Mamm Creek		Jan/20/2011		Encana		BAD4-00264	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/21/2011	01:59:54	490	0.0	8.41	10.2					
01/21/2011	02:01:33					Pressure Test Lines				
01/21/2011	02:01:33	1703	0.0	8.41	10.2					
01/21/2011	02:01:34					3000 PSI test good				
01/21/2011	02:01:34	2624	0.0	8.41	10.2					
01/21/2011	02:03:14	7	0.0	8.41	10.2					
01/21/2011	02:04:37					Start Pumping Spacer				
01/21/2011	02:04:37	195	4.3	8.41	12.7					
01/21/2011	02:04:54	187	5.0	8.41	14.1					
01/21/2011	02:05:38					30 bbl H2O ahead				
01/21/2011	02:05:38					Good returns				
01/21/2011	02:05:38	181	5.0	8.41	17.7					
01/21/2011	02:06:34	171	5.0	8.41	22.4					
01/21/2011	02:08:14	177	5.0	8.41	30.8					
01/21/2011	02:09:40					End Spacer				
01/21/2011	02:09:40	241	6.4	8.41	38.7					
01/21/2011	02:09:42					Start Mixing Scav Slurry				
01/21/2011	02:09:42	247	6.9	8.44	38.9					
01/21/2011	02:09:54	330	6.4	12.27	40.2					
01/21/2011	02:10:43					Bring to weight				
01/21/2011	02:10:43	341	6.5	12.47	45.5					
01/21/2011	02:10:45					End Scavenger Slurry				
01/21/2011	02:10:45	338	6.4	12.46	45.7					
01/21/2011	02:10:46					Start Mixing Lead Slurry				
01/21/2011	02:10:46	326	6.4	12.46	45.8					
01/21/2011	02:10:47					116 bbl 12.5 lead				
01/21/2011	02:10:47					Good returns				
01/21/2011	02:10:47					Took wet/dry samples				
01/21/2011	02:10:47					Wet sample = 12.5 on mudscales				
01/21/2011	02:10:47	326	6.4	12.46	45.9					
01/21/2011	02:11:34	312	6.4	12.51	51.0					
01/21/2011	02:13:14	297	6.4	12.55	61.7					
01/21/2011	02:14:54	288	6.4	12.55	72.4					
01/21/2011	02:16:34	280	6.4	12.54	83.1					
01/21/2011	02:18:14	284	6.4	12.53	93.9					
01/21/2011	02:19:54	290	6.5	12.55	104.6					
01/21/2011	02:21:34	298	6.4	12.55	115.3					
01/21/2011	02:23:14	280	6.4	12.53	126.0					
01/21/2011	02:24:54	291	6.4	12.32	136.8					
01/21/2011	02:26:34	183	5.1	12.38	147.0					
01/21/2011	02:26:56					End Lead Slurry				
01/21/2011	02:26:56	186	5.1	12.39	148.8					
01/21/2011	02:26:58					Start Mixing Scav Slurry				
01/21/2011	02:26:58					Bring to weight				
01/21/2011	02:26:58	200	5.1	12.41	149.0					
01/21/2011	02:28:14	272	5.0	15.52	155.4					
01/21/2011	02:29:14					End Scavenger Slurry				
01/21/2011	02:29:14	288	5.0	15.72	160.4					
01/21/2011	02:29:16					Start Mixing Tail Slurry				
01/21/2011	02:29:16					31 bbl 15.8 tail				
01/21/2011	02:29:16	311	5.0	15.71	160.5					
01/21/2011	02:29:17					Good returns				
01/21/2011	02:29:17					Took wet/dry samples				
01/21/2011	02:29:17					Wet sample = 15.8 on mudscales				

Well			Field		Job Start		Customer		Job Number	
Benjamin Federal 28-13C1			Mamm Creek		Jan/20/2011		Encana		BAD4-00264	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/21/2011	02:29:54	312	5.0	15.78	163.7					
01/21/2011	02:31:34	100	2.8	15.92	171.4					
01/21/2011	02:33:14	106	2.7	15.59	175.8					
01/21/2011	02:34:30					End Tail Slurry				
01/21/2011	02:34:30	33	2.3	15.23	179.2					
01/21/2011	02:34:34					Drop Top Plug				
01/21/2011	02:34:34	7	0.8	15.17	179.3					
01/21/2011	02:34:36					Start Displacement				
01/21/2011	02:34:36	10	0.2	15.15	179.4					
01/21/2011	02:34:37					Displace 107 bbl H2O				
01/21/2011	02:34:37					Good returns				
01/21/2011	02:34:37	10	0.2	15.15	179.4					
01/21/2011	02:34:54	9	0.0	15.14	179.4					
01/21/2011	02:36:34	-1	0.0	15.13	179.4					
01/21/2011	02:38:14	-1	0.0	13.01	179.4					
01/21/2011	02:39:54	154	5.0	9.39	184.5					
01/21/2011	02:41:34	120	5.0	8.81	192.8					
01/21/2011	02:43:14	207	6.5	8.55	202.5					
01/21/2011	02:44:54	178	6.5	8.42	213.3					
01/21/2011	02:46:34	183	6.4	8.36	224.0					
01/21/2011	02:48:14	242	6.3	8.32	234.6					
01/21/2011	02:49:54	340	6.4	8.40	245.2					
01/21/2011	02:51:34	383	6.3	8.41	255.8					
01/21/2011	02:53:14	415	6.3	8.41	266.4					
01/21/2011	02:54:08					23 bbl cement to surface				
01/21/2011	02:54:08	349	3.9	8.41	271.2					
01/21/2011	02:54:54	400	3.8	8.41	274.2					
01/21/2011	02:56:34	360	2.5	8.41	280.5					
01/21/2011	02:58:14	390	2.5	8.41	284.6					
01/21/2011	02:59:54	849	2.5	8.41	288.8					
01/21/2011	02:59:59					End Displacement				
01/21/2011	02:59:59	1153	1.5	8.41	288.9					
01/21/2011	03:00:01					Bump Top Plug				
01/21/2011	03:00:01	1153	0.6	8.41	289.0					
01/21/2011	03:00:02					Bumped plug @ 1150 PSI				
01/21/2011	03:00:02					Float held				
01/21/2011	03:00:02					1/2 bbl back				
01/21/2011	03:00:02	1137	0.3	8.41	289.0					
01/21/2011	03:01:34	13	0.0	8.41	289.0					
01/21/2011	03:02:02					End Job				
01/21/2011	03:02:02	11	0.0	8.41	289.0					

Well Benjamin Federal 28-13C1	Field Mamm Creek	Job Start Jan/20/2011	Customer Encana	Job Number BAD4-00264
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Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to 1500	Breakdown	Type	Volume		Density
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	
					Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
Tim Phillips			Matt Fair			-		-



Service Order #:	
Date:	Jan/20/2011
Operating Time:	0.0
Client Rep:	Encana
Schlumberger Engineer:	Matt Fair
Schlumberger FSM:	

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

2	Design / Preparation					
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
					Sub-total	100%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total	100%
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Client:	Schlumberger:
Client Signature:	Schlumberger Signature: