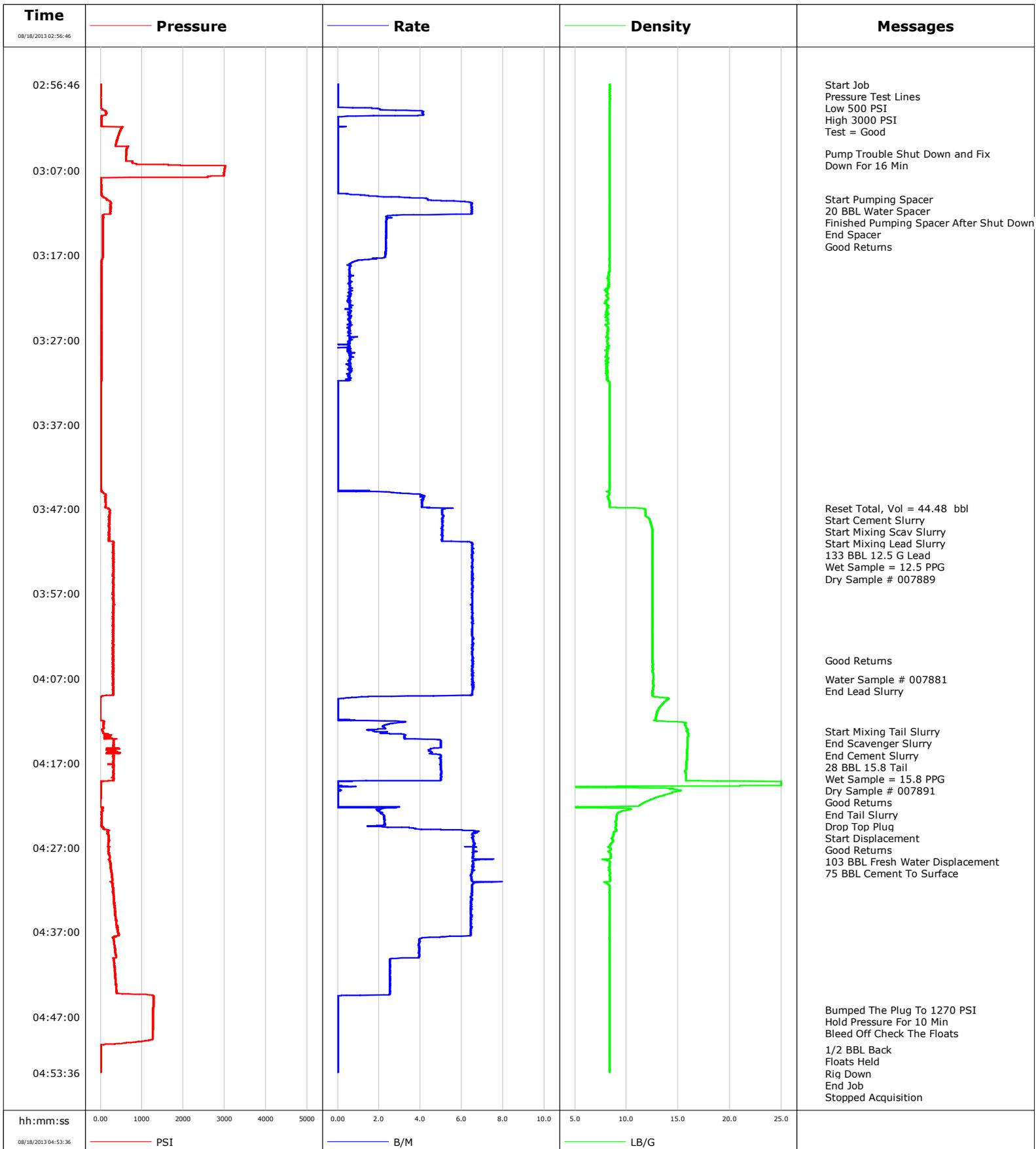


Well	HMU 6-12DD	Client	Encana
Field	Mamm Creek	SIR No.	
Engineer	Cole Fairbrook/Travis Willardson	Job Type	9 5/8 Surface
Country	United States	Job Date	08-17-2013



Well		Field		Job Start	Customer	Job Number
HMU 6-12DD HMU 6-12DD		Mamm Creek		Aug/17/2013	Encana	6-12DD
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
08/18/2013	03:10:35	203	5.3	8.37	5.7	
08/18/2013	03:10:36					Good Returns
08/18/2013	03:10:36	215	5.6	8.37	5.8	
08/18/2013	03:11:38	238	6.5	8.38	12.5	
08/18/2013	03:16:38	55	2.3	8.37	26.6	
08/18/2013	03:21:38	17	0.6	8.13	31.0	
08/18/2013	03:26:38	17	0.5	8.16	33.9	
08/18/2013	03:31:38	17	0.5	8.17	36.8	
08/18/2013	03:36:38	7	0.0	8.36	36.9	
08/18/2013	03:41:38	6	0.0	8.35	36.9	
08/18/2013	03:46:38	131	4.1	8.37	43.5	
08/18/2013	03:46:52					Reset Total, Vol = 44.48 bbl
08/18/2013	03:46:52	130	4.4	9.90	44.5	
08/18/2013	03:47:00					Start Cement Slurry
08/18/2013	03:47:00	191	5.1	11.74	0.7	
08/18/2013	03:47:07					Start Mixing Scav Slurry
08/18/2013	03:47:07	237	5.0	11.82	1.3	
08/18/2013	03:49:15					Start Mixing Lead Slurry
08/18/2013	03:49:15	212	5.0	12.46	12.1	
08/18/2013	03:49:19					133 BBL 12.5 G Lead
08/18/2013	03:49:19	219	5.0	12.48	12.4	
08/18/2013	03:49:20					Wet Sample = 12.5 PPG
08/18/2013	03:49:20					Dry Sample # 007889
08/18/2013	03:49:20	211	5.0	12.48	12.5	
08/18/2013	03:51:38	308	6.5	12.52	25.3	
08/18/2013	03:56:38	307	6.5	12.50	57.8	
08/18/2013	04:01:38	307	6.5	12.50	90.4	
08/18/2013	04:04:53					Good Returns
08/18/2013	04:04:53	290	6.5	12.48	111.5	
08/18/2013	04:06:38	306	6.5	12.58	123.0	
08/18/2013	04:07:08					Water Sample # 007881
08/18/2013	04:07:08	293	6.5	12.58	126.2	
08/18/2013	04:07:53					End Lead Slurry
08/18/2013	04:07:53	297	6.5	12.64	131.1	
08/18/2013	04:11:38	-3	0.0	12.85	139.4	
08/18/2013	04:13:17					Start Mixing Tail Slurry
08/18/2013	04:13:17	53	1.8	15.82	142.3	
08/18/2013	04:13:22					End Scavenger Slurry
08/18/2013	04:13:22	59	2.4	15.88	142.5	
08/18/2013	04:13:23					End Cement Slurry
08/18/2013	04:13:23	56	2.2	15.89	142.5	
08/18/2013	04:13:28					28 BBL 15.8 Tail
08/18/2013	04:13:28					Wet Sample = 15.8 PPG
08/18/2013	04:13:28	64	2.1	15.94	142.7	
08/18/2013	04:13:29					Dry Sample # 007891
08/18/2013	04:13:29					Good Returns
08/18/2013	04:13:29	62	2.1	15.95	142.8	
08/18/2013	04:16:38	313	5.0	15.84	156.7	
08/18/2013	04:18:48					End Tail Slurry
08/18/2013	04:18:48	315	5.0	15.74	167.6	
08/18/2013	04:18:51					Drop Top Plug
08/18/2013	04:18:51	322	5.0	15.74	167.8	
08/18/2013	04:19:02					Start Displacement
08/18/2013	04:19:02	302	5.0	15.73	168.7	

Well		Field		Job Start		Customer		Job Number	
HMU 6-12DD HMU 6-12DD		Mamm Creek		Aug/17/2013		Encana		6-12DD	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/18/2013	04:19:04					103 BBL Fresh Water Displacement			
08/18/2013	04:19:04	314	5.0	15.73	168.9				
08/18/2013	04:19:05					75 BBL Cement To Surface			
08/18/2013	04:19:05	314	5.0	15.73	169.0				
08/18/2013	04:21:38	-10	0.0	11.84	169.3				
08/18/2013	04:26:38	186	6.6	8.43	186.7				
08/18/2013	04:31:38	301	6.5	8.36	219.6				
08/18/2013	04:36:38	404	6.4	8.37	251.9				
08/18/2013	04:41:38	352	2.5	8.37	271.7				
08/18/2013	04:46:11					Bumped The Plug To 1270 PSI			
08/18/2013	04:46:11					Hold Pressure For 10 Min			
08/18/2013	04:46:11	1273	0.0	8.38	278.8				
08/18/2013	04:46:12					Bleed Off Check The Floats			
08/18/2013	04:46:12	1273	0.0	8.38	278.8				
08/18/2013	04:46:38	1271	0.0	8.37	278.8				
08/18/2013	04:50:53					1/2 BBL Back			
08/18/2013	04:50:53					Floats Held			
08/18/2013	04:50:53	4	0.0	8.38	278.8				
08/18/2013	04:51:37					Rig Down			
08/18/2013	04:51:37	4	0.0	8.38	278.8				
08/18/2013	04:51:38	3	0.0	8.38	278.8				
08/18/2013	04:52:11					End Job			
08/18/2013	04:52:11	2	0.0	8.38	278.8				

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	Breakdown	Type	Volume	Density
Avg. N2 Percent		Designed Slurry Volume 161.0 bbl		Displacement		Mix Water Temp 78 degF	
Customer or Authorized Representative Vlad Kochetov				Schlumberger Supervisor Cole Fairbrook/Travis Willardson		Circulation Lost -	
						Cement Circulated to Surface? <input checked="" type="checkbox"/> Volume Washed Thru Perfs <input type="checkbox"/> To Job Completed <input checked="" type="checkbox"/>	

Service Quality Evaluation

Client:	Encana
Field:	Mamm Creek
Rig:	Nabors M15
Well:	HMU 6-12DD
Service Line:	Cementing
Job Type:	9 5/8 Surface

Service Order #:	1
Date:	Aug/17/2013
Operating Time:	0.0
Client Rep:	Encana
Schlumberger Engineer:	Cole Fairbrook/Travis Willardson
Schlumberger FSM:	

Main Objective:

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

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Free of RIRs	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1d	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

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

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested successfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested successfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
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%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: