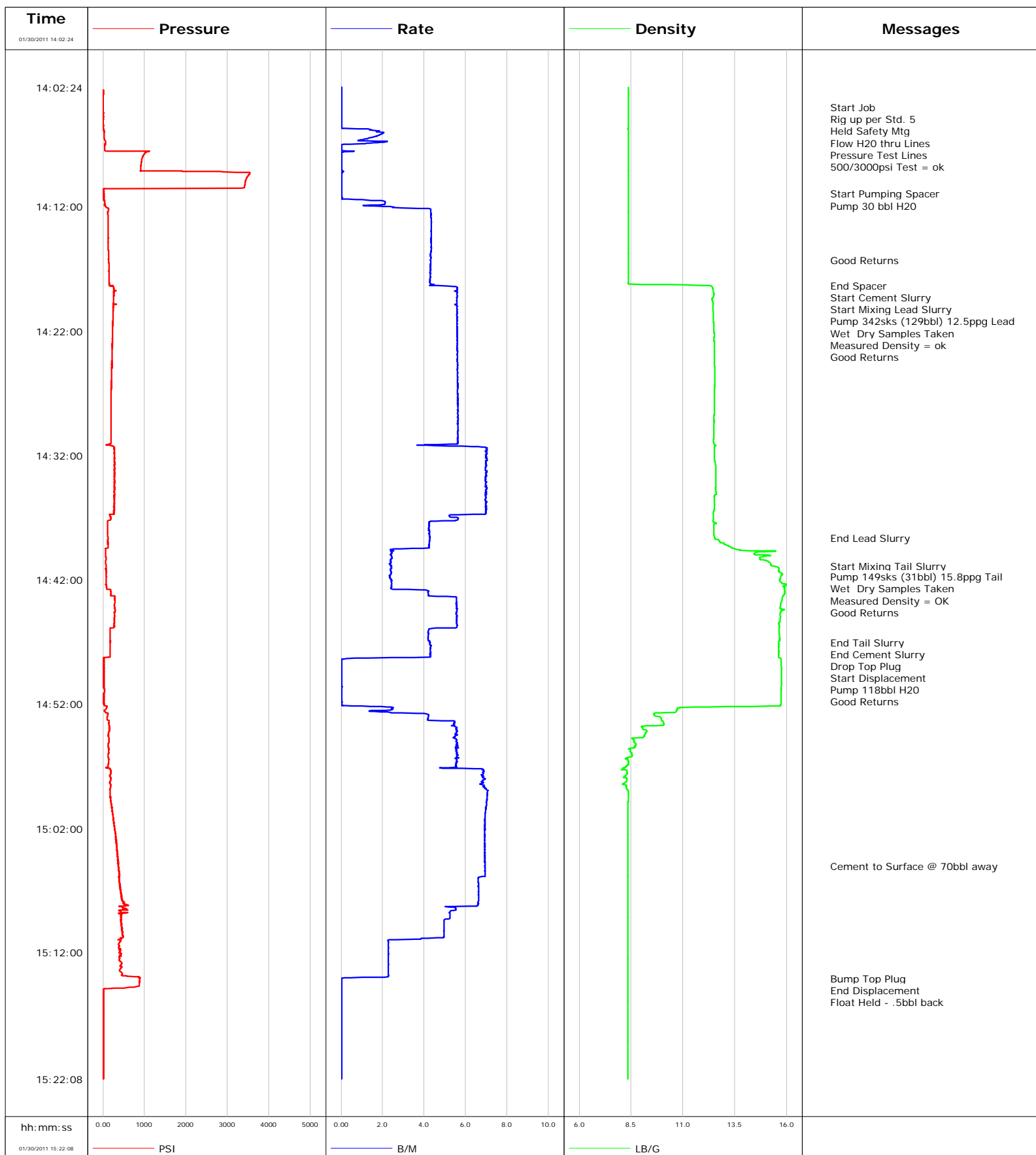


Well Benj. Fed. 33-3BC2 K2
Field Mamm Creek
Engineer B. Farnham
Country United States

Client Encana Oil Gas
SIR No. 471060
Job Type 9 5/8" Surface
Job Date 1-30-2011



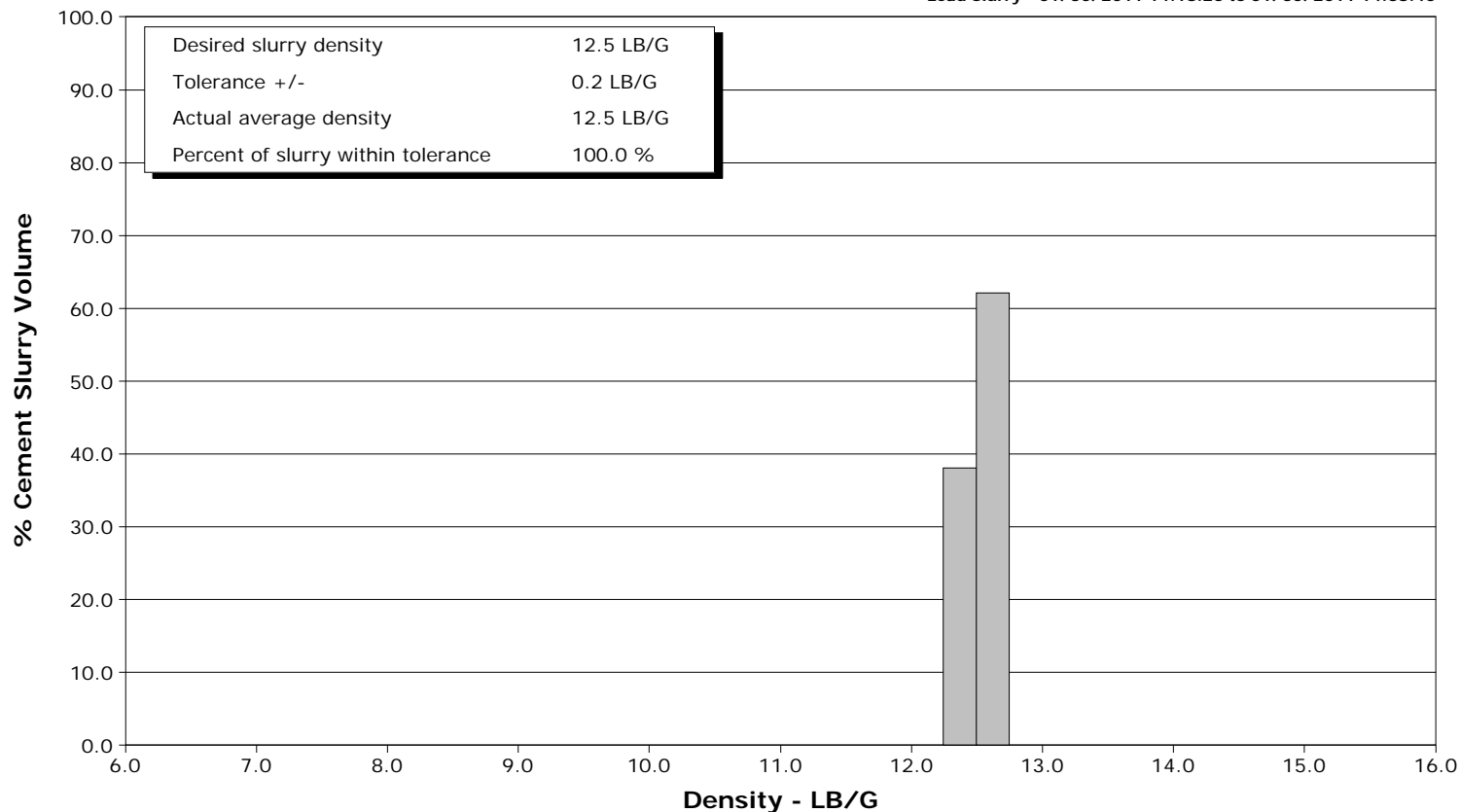
Schlumberger

Cementing Qa/Qc Density Report

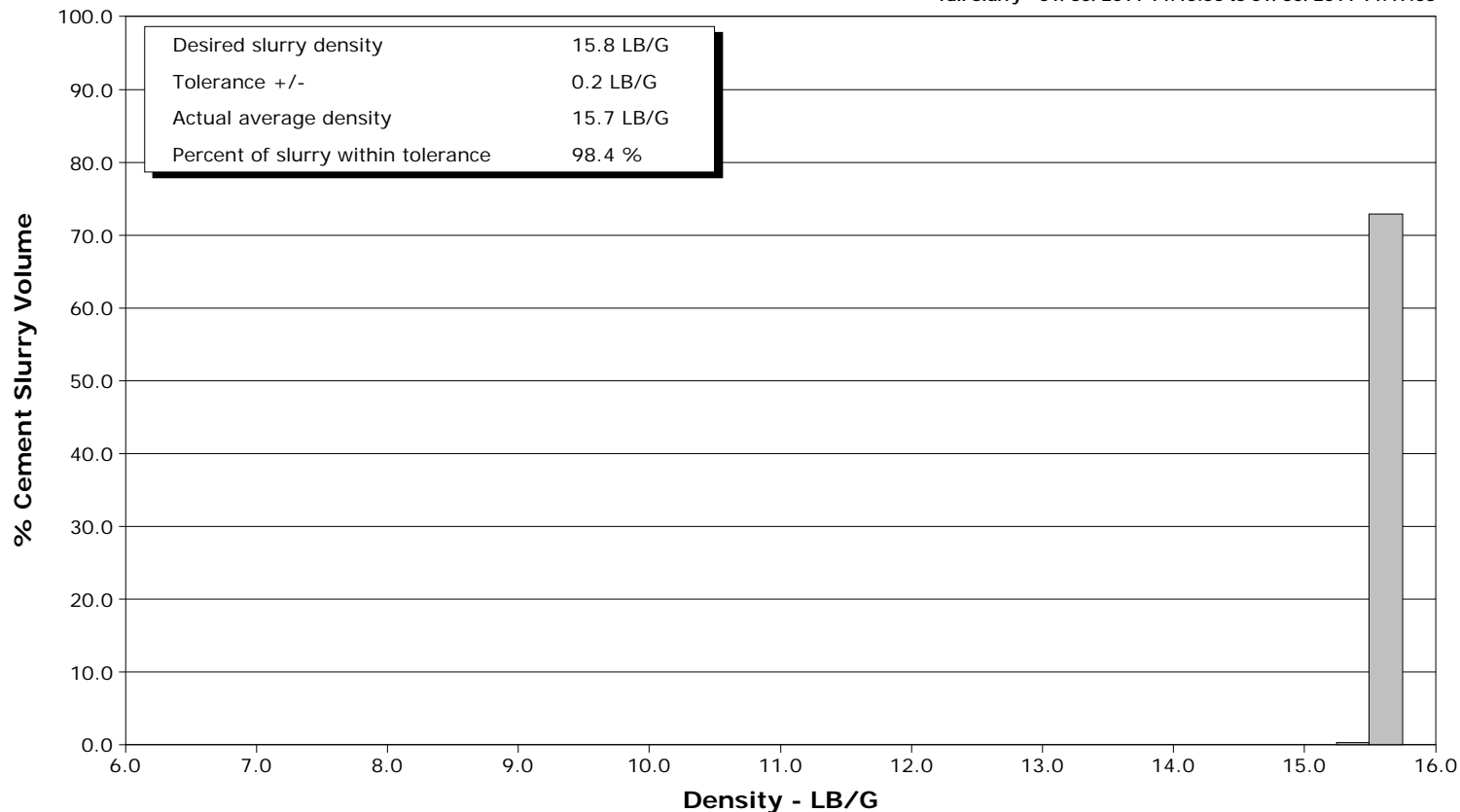
Well Benj. Fed. 33-3BC2 K2
Field Mamm Creek
Engineer B. Farnham
Country United States

Client Encana Oil Gas
SIR No. 471060
Job Type 9 5/8" Surface
Job Date 1-30-2011

Lead Slurry - 01/30/2011 14:18:26 to 01/30/2011 14:38:40



Tail Slurry - 01/30/2011 14:40:56 to 01/30/2011 14:47:03



Well Benj. Fed. 33-3BC2 K2 33-3B			Field Mamm Creek		Job Start Jan/30/2011		Customer Encana Oil & Gas		Job Number 471060	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/30/2011	14:07:35	1054	0.4	8.37	2.0					
01/30/2011	14:07:48	990	0.0	8.37	2.1					
01/30/2011	14:08:18	932	0.0	8.37	2.1					
01/30/2011	14:08:48	913	0.0	8.37	2.1					
01/30/2011	14:09:18	3547	0.0	8.37	2.1					
01/30/2011	14:09:48	3451	0.0	8.37	2.1					
01/30/2011	14:10:18	3416	0.0	8.37	2.1					
01/30/2011	14:10:48	12	0.0	8.37	2.1					
01/30/2011	14:10:58					Start Pumping Spacer				
01/30/2011	14:10:58	13	0.0	8.37	2.1					
01/30/2011	14:10:59					Pump 30 bbl H2O				
01/30/2011	14:10:59	13	0.0	8.37	2.1					
01/30/2011	14:11:18	13	0.0	8.37	2.1					
01/30/2011	14:11:48	49	2.1	8.37	2.8					
01/30/2011	14:12:18	127	4.3	8.37	4.2					
01/30/2011	14:12:48	123	4.3	8.37	6.4					
01/30/2011	14:13:18	127	4.3	8.37	8.5					
01/30/2011	14:13:48	124	4.3	8.37	10.7					
01/30/2011	14:14:18	126	4.3	8.37	12.9					
01/30/2011	14:14:48	126	4.3	8.37	15.1					
01/30/2011	14:15:18	126	4.3	8.36	17.2					
01/30/2011	14:15:48	136	4.3	8.36	19.4					
01/30/2011	14:16:16					Good Returns				
01/30/2011	14:16:16	137	4.3	8.36	21.4					
01/30/2011	14:16:18	140	4.3	8.36	21.5					
01/30/2011	14:16:48	146	4.3	8.36	23.7					
01/30/2011	14:17:18	145	4.3	8.36	25.9					
01/30/2011	14:17:48	146	4.3	8.36	28.0					
01/30/2011	14:18:18	155	4.3	11.29	30.2					
01/30/2011	14:18:21					End Spacer				
01/30/2011	14:18:21	153	4.3	12.14	30.4					
01/30/2011	14:18:22					Start Cement Slurry				
01/30/2011	14:18:22	240	4.7	12.28	30.5					
01/30/2011	14:18:26					Start Mixing Lead Slurry				
01/30/2011	14:18:26	256	5.5	12.40	30.8					
01/30/2011	14:18:33					Pump 342sks (129bbl) 12.5ppg Lead				
01/30/2011	14:18:33					Wet Dry Samples Taken				
01/30/2011	14:18:33	257	5.6	12.42	31.5					
01/30/2011	14:18:34					Measured Density = ok				
01/30/2011	14:18:34					Good Returns				
01/30/2011	14:18:34	263	5.6	12.43	31.5					
01/30/2011	14:18:48	261	5.5	12.47	32.8					
01/30/2011	14:19:18	256	5.6	12.45	35.6					
01/30/2011	14:19:48	255	5.6	12.45	38.4					
01/30/2011	14:20:18	246	5.6	12.44	41.2					
01/30/2011	14:20:48	245	5.6	12.47	44.0					
01/30/2011	14:21:18	239	5.6	12.48	46.8					
01/30/2011	14:21:48	237	5.6	12.48	49.6					
01/30/2011	14:22:18	231	5.6	12.50	52.4					
01/30/2011	14:22:48	231	5.6	12.50	55.2					
01/30/2011	14:23:18	223	5.6	12.51	58.0					
01/30/2011	14:23:48	220	5.6	12.52	60.8					
01/30/2011	14:24:18	215	5.6	12.50	63.6					
01/30/2011	14:24:48	214	5.6	12.52	66.4					

Well Benj. Fed. 33-3BC2 K2 33-3B			Field Mamm Creek		Job Start Jan/30/2011	Customer Encana Oil & Gas	Job Number 471060
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/30/2011	14:25:48	204	5.6	12.53	72.0		
01/30/2011	14:26:18	204	5.6	12.52	74.8		
01/30/2011	14:26:48	197	5.6	12.52	77.6		
01/30/2011	14:27:18	197	5.6	12.51	80.4		
01/30/2011	14:27:48	193	5.6	12.50	83.2		
01/30/2011	14:28:18	197	5.6	12.51	86.1		
01/30/2011	14:28:48	199	5.6	12.50	88.9		
01/30/2011	14:29:18	196	5.6	12.50	91.7		
01/30/2011	14:29:48	198	5.6	12.50	94.5		
01/30/2011	14:30:18	195	5.6	12.49	97.3		
01/30/2011	14:30:48	198	5.6	12.47	100.1		
01/30/2011	14:31:18	269	6.6	12.52	102.8		
01/30/2011	14:31:48	277	7.0	12.51	106.3		
01/30/2011	14:32:18	284	7.0	12.52	109.8		
01/30/2011	14:32:48	284	7.0	12.57	113.3		
01/30/2011	14:33:18	278	7.0	12.58	116.8		
01/30/2011	14:33:48	277	6.9	12.58	120.3		
01/30/2011	14:34:18	284	7.0	12.58	123.7		
01/30/2011	14:34:48	276	7.0	12.58	127.2		
01/30/2011	14:35:18	283	7.0	12.50	130.7		
01/30/2011	14:35:48	275	7.0	12.52	134.2		
01/30/2011	14:36:18	265	7.0	12.51	137.7		
01/30/2011	14:36:48	162	5.3	12.45	141.1		
01/30/2011	14:37:18	117	4.4	12.45	143.8		
01/30/2011	14:37:48	116	4.2	12.48	145.9		
01/30/2011	14:38:18	116	4.2	12.49	148.1		
01/30/2011	14:38:40					End Lead Slurry	
01/30/2011	14:38:40	124	4.3	12.54	149.6		
01/30/2011	14:38:48	114	4.3	12.73	150.2		
01/30/2011	14:39:18	121	4.2	13.19	152.3		
01/30/2011	14:39:48	66	2.5	14.52	153.9		
01/30/2011	14:40:18	77	2.5	14.69	155.1		
01/30/2011	14:40:48	75	2.3	15.24	156.3		
01/30/2011	14:40:56					Start Mixing Tail Slurry	
01/30/2011	14:40:56	76	2.4	15.41	156.6		
01/30/2011	14:41:18	79	2.4	15.60	157.5		
01/30/2011	14:41:45					Pump 149sks (31bbl) 15.8ppg Tail	
01/30/2011	14:41:45	84	2.3	15.71	158.6		
01/30/2011	14:41:46					Wet Dry Samples Taken	
01/30/2011	14:41:46					Measured Density = OK	
01/30/2011	14:41:46	84	2.4	15.71	158.6		
01/30/2011	14:41:47					Good Returns	
01/30/2011	14:41:47	78	2.3	15.70	158.7		
01/30/2011	14:41:48	76	2.4	15.70	158.7		
01/30/2011	14:42:18	72	2.4	15.79	159.9		
01/30/2011	14:42:48	185	3.2	15.89	161.1		
01/30/2011	14:43:18	189	4.2	15.83	163.2		
01/30/2011	14:43:48	286	5.6	15.74	165.9		
01/30/2011	14:44:18	289	5.6	15.68	168.7		
01/30/2011	14:44:48	277	5.6	15.69	171.5		
01/30/2011	14:45:18	277	5.6	15.67	174.3		
01/30/2011	14:45:48	272	5.6	15.64	177.1		
01/30/2011	14:46:18	168	4.2	15.64	179.3		
01/30/2011	14:46:48	171	4.2	15.67	181.4		

Well Benj. Fed. 33-3BC2 K2 33-3B			Field Mamm Creek		Job Start Jan/30/2011	Customer Encana Oil & Gas	Job Number 471060
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/30/2011	14:47:03	174	4.3	15.61	182.5		
01/30/2011	14:47:05					End Cement Slurry	
01/30/2011	14:47:05	177	4.3	15.61	182.6		
01/30/2011	14:47:18	176	4.3	15.61	183.5		
01/30/2011	14:47:48	170	4.3	15.62	185.7		
01/30/2011	14:48:18	15	1.3	15.67	187.7		
01/30/2011	14:48:20					Drop Top Plug	
01/30/2011	14:48:20					Start Displacement	
01/30/2011	14:48:20	17	0.3	15.71	187.8		
01/30/2011	14:48:23					Pump 118bbl H2O	
01/30/2011	14:48:23					Good Returns	
01/30/2011	14:48:23	17	0.0	15.72	187.8		
01/30/2011	14:48:48	16	0.0	15.73	187.8		
01/30/2011	14:49:18	16	0.0	15.75	187.8		
01/30/2011	14:49:48	16	0.0	15.75	187.8		
01/30/2011	14:50:18	21	0.0	15.74	187.8		
01/30/2011	14:50:48	35	0.0	15.74	187.8		
01/30/2011	14:51:18	23	0.0	15.73	187.8		
01/30/2011	14:51:48	23	0.0	15.73	187.8		
01/30/2011	14:52:18	88	2.5	10.84	188.1		
01/30/2011	14:52:48	120	4.1	9.60	189.3		
01/30/2011	14:53:18	126	4.2	9.96	191.4		
01/30/2011	14:53:48	163	5.5	8.99	194.1		
01/30/2011	14:54:18	134	5.6	9.18	196.9		
01/30/2011	14:54:48	149	5.5	8.56	199.6		
01/30/2011	14:55:18	125	5.5	8.73	202.4		
01/30/2011	14:55:48	142	5.5	8.45	205.2		
01/30/2011	14:56:18	119	5.6	8.31	208.0		
01/30/2011	14:56:48	136	5.5	8.35	210.7		
01/30/2011	14:57:18	187	6.8	8.20	213.6		
01/30/2011	14:57:48	169	6.9	8.21	217.1		
01/30/2011	14:58:18	166	6.8	8.19	220.5		
01/30/2011	14:58:48	172	7.0	8.27	223.9		
01/30/2011	14:59:18	174	7.0	8.36	227.4		
01/30/2011	14:59:48	185	7.0	8.36	230.9		
01/30/2011	15:00:18	219	7.0	8.35	234.4		
01/30/2011	15:00:48	238	6.9	8.35	237.9		
01/30/2011	15:01:18	249	6.9	8.35	241.4		
01/30/2011	15:01:48	278	6.9	8.35	244.9		
01/30/2011	15:02:18	298	6.9	8.35	248.3		
01/30/2011	15:02:48	312	6.9	8.35	251.8		
01/30/2011	15:03:18	334	6.9	8.35	255.2		
01/30/2011	15:03:48	340	6.9	8.35	258.7		
01/30/2011	15:04:18	363	6.9	8.35	262.2		
01/30/2011	15:04:48	371	6.9	8.35	265.6		
01/30/2011	15:05:03					Cement to Surface @ 70bbl away	
01/30/2011	15:05:03	371	6.9	8.35	267.4		
01/30/2011	15:05:18	381	6.9	8.35	269.1		
01/30/2011	15:05:48	399	6.9	8.35	272.6		
01/30/2011	15:06:18	405	6.6	8.35	275.9		
01/30/2011	15:06:48	411	6.6	8.35	279.2		
01/30/2011	15:07:18	449	6.6	8.35	282.5		
01/30/2011	15:07:48	460	6.6	8.35	285.8		
01/30/2011	15:08:18	444	5.0	8.35	289.1		

Well			Field	Job Start	Customer	Job Number
Benj. Fed. 33-3BC2 K2 33-3B			Mamm Creek	Jan/30/2011	Encana Oil & Gas	471060
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
01/30/2011	15:09:18	426	5.1	8.35	294.4	
01/30/2011	15:09:48	449	5.0	8.35	296.9	
01/30/2011	15:10:18	464	5.0	8.35	299.4	
01/30/2011	15:10:48	423	4.6	8.35	301.8	
01/30/2011	15:11:18	376	2.3	8.35	303.2	
01/30/2011	15:11:48	434	2.3	8.35	304.3	
01/30/2011	15:12:18	384	2.3	8.35	305.5	
01/30/2011	15:12:48	453	2.3	8.35	306.6	
01/30/2011	15:13:18	421	2.3	8.35	307.8	
01/30/2011	15:13:48	450	2.3	8.35	308.9	
01/30/2011	15:14:03					Bump Top Plug
01/30/2011	15:14:03					End Displacement
01/30/2011	15:14:03	901	0.1	8.35	309.3	
01/30/2011	15:14:18	883	0.0	8.35	309.3	
01/30/2011	15:14:48	583	0.0	8.35	309.3	
01/30/2011	15:14:52					Float Held - .5bbl back
01/30/2011	15:14:52	122	0.0	8.35	309.3	
01/30/2011	15:15:18	4	0.0	8.35	309.3	
01/30/2011	15:15:48	5	0.0	8.35	309.3	
01/30/2011	15:16:18	5	0.0	8.35	309.3	
01/30/2011	15:16:48	5	0.0	8.35	309.3	
01/30/2011	15:17:18	6	0.0	8.35	309.3	
01/30/2011	15:17:48	5	0.0	8.35	309.4	
01/30/2011	15:18:18	5	0.0	8.35	309.4	
01/30/2011	15:18:48	5	0.0	8.35	309.4	
01/30/2011	15:19:18	5	0.0	8.35	309.4	
01/30/2011	15:19:48	6	0.0	8.35	309.4	
01/30/2011	15:20:18	5	0.0	8.35	309.4	
01/30/2011	15:20:48	6	0.0	8.35	309.4	
01/30/2011	15:21:18	5	0.0	8.35	309.4	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.0	N2	Mud	Maximum Rate 7.0	Total Slurry 160.0	Mud	Spacer 20.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3000	Final 900	Average 150	Bump Plug to 900	Breakdown	Type FreshWater	Volume 300.0 bbl	Density 8.34 lb/gal	
Avg. N2 Percent		Designed Slurry Volume 160.0 bbl		Displacement	Mix Water Temp 70 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 48.0 bbl	
						Washed Thru Perfs <input type="checkbox"/>	To	
Customer or Authorized Representative Tim Phillips			Schlumberger Supervisor B. Farnham			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	



Service Order #:	
Date:	Feb/19/2010
Operating Time:	0.0
Client Rep:	Encana Oil & Gas
Schlumberger Engineer:	B. Farnham
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 type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
Sub-total						0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: