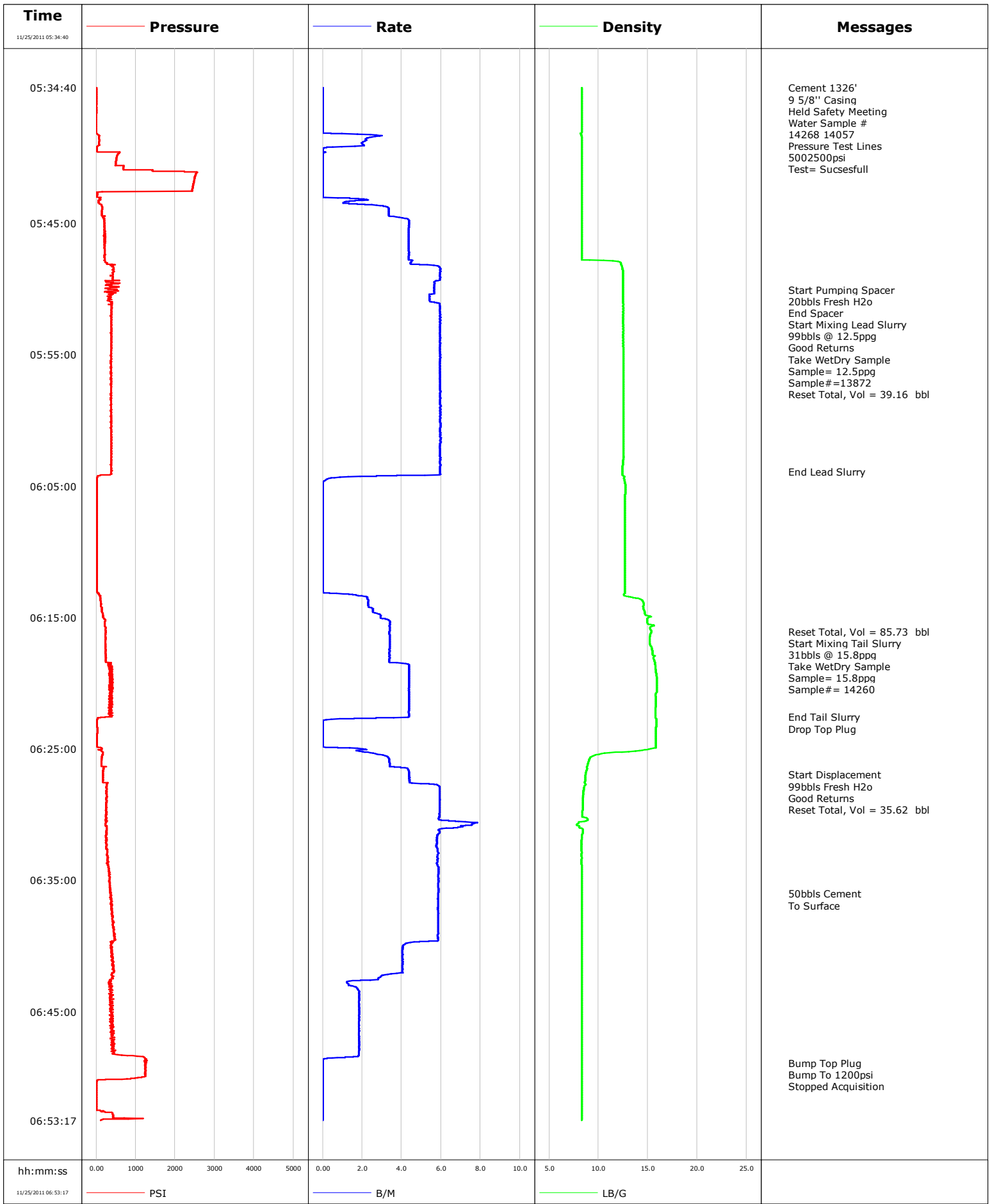


Well	ENCANA FEE 19-11B K19	Client	ENCANA
Field	S PARACHUTE	SIR No.	BUNM-00361
Engineer		Job Type	SURFACE
Country	United States	Job Date	11-25-2011

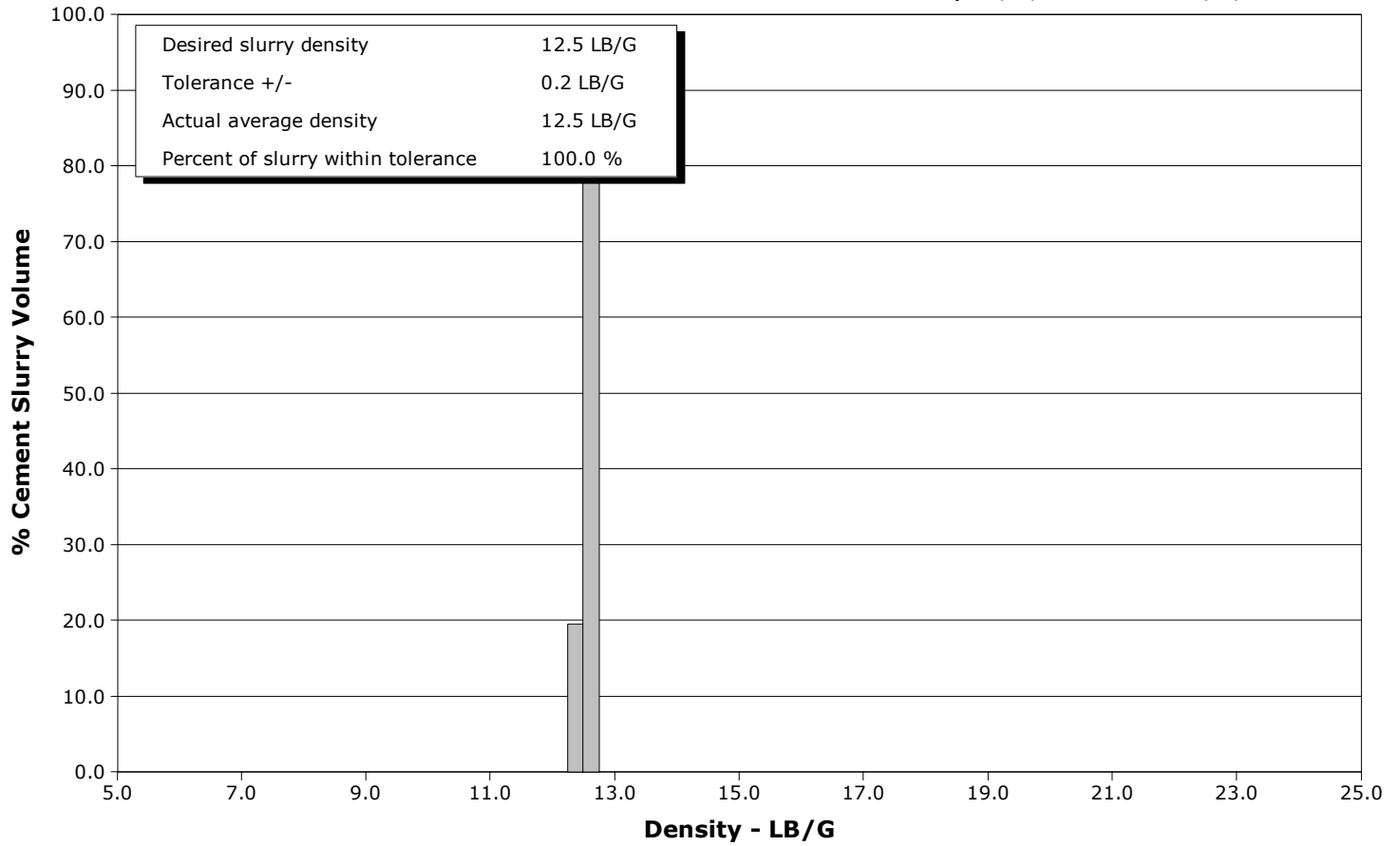


Schlumberger Cementing Qa/Qc Density Report

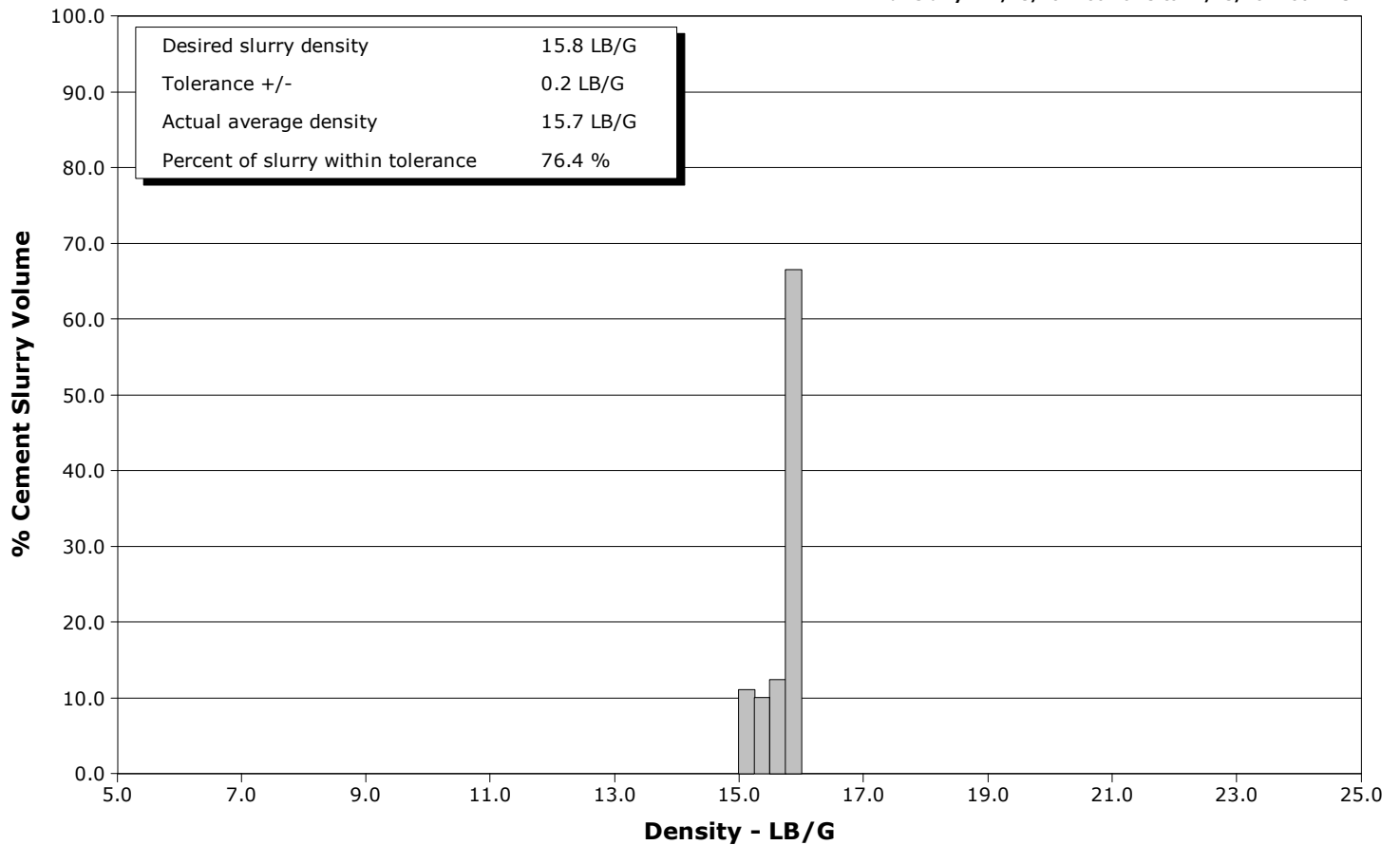
Well ENCANA FEE 19-11B K19
Field S PARACHUTE
Engineer
Country United States

Client ENCANA
SIR No. BUNM-00361
Job Type SURFACE
Job Date 11-25-2011

Lead Slurry - 11/25/2011 05:51:07 to 11/25/2011 06:03:54



Tail Slurry - 11/25/2011 06:16:19 to 11/25/2011 06:22:34





Cementing Service Report

Customer ENCANA	Job Number BUNM-00361
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Well ENCANA FEE 19-11B K19	Location (legal) HUNTER MESA	Schlumberger Location GCO	Job Start Nov/25/2011
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Field S PARACHUTE	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
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County GARFILED	State/Province Colorado	BHP	BHST	BHCT	Pore Press. Gradient
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Well Master 0631286858	API/UWI	Casing/Liner			
Rig Name NABORS M-13	Drilled For Gas	Service Via Land	Depth,	Size,	Weight,

Offshore Zone	Well Class New	Well Type Exploration			
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Drilling Fluid Type	Max. Density	Plastic Viscosity	Tubing/Drill Pipe		
			Depth,	Size,	Weight,

Service Line Cementing	Job Type SURFACE
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Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole		
			Top,	Bottom,	No. of Shots

Service Instructions
 263sks 12.5lead 2.11ft3/sk
 150sks 15.8 tail 1.17 ft3/sk
 water test = good

					Total Interval
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					Diameter
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Treat Down Casing	Displacement 99.0 bbl	Packer Type	Packer Depth
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Tubing Vol.	Casing Vol. 102.0 bbl	Annular Vol. 74.0 bbl	Openhole Vol. 176.0 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	Shoe Type Guide	Squeeze Type
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 1326.0 ft	Tool Type
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No. Centralizers	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 Nov/25/2011	Arrived on Location Nov/25/2011	Leave Location Nov/25/2011	Collar Type Diff-Fill	Tail Pipe Depth
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			Collar Depth 1283.0 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
11/25/2011	04:49:50					Started Acquisition
11/25/2011	05:34:40					Cement 1326'
11/25/2011	05:34:40	3	0.0	8.33	0.0	
11/25/2011	05:34:41					9 5/8" Casing
11/25/2011	05:34:41					Held Safety Meeting
11/25/2011	05:34:41					Water Sample #
11/25/2011	05:34:41					14268 14057
11/25/2011	05:34:41	3	0.0	8.33	0.0	
11/25/2011	05:34:50	3	0.0	8.33	0.0	
11/25/2011	05:35:20	3	0.0	8.33	0.0	
11/25/2011	05:35:25					Pressure Test Lines
11/25/2011	05:35:25	3	0.0	8.33	0.0	
11/25/2011	05:35:26					5002500psi
11/25/2011	05:35:26	3	0.0	8.33	0.0	
11/25/2011	05:35:27					Test= Sucsesfull
11/25/2011	05:35:27	3	0.0	8.33	0.0	
11/25/2011	05:35:50	3	0.0	8.33	0.0	
11/25/2011	05:36:20	0	0.0	8.33	0.0	
11/25/2011	05:36:50	-0	0.0	8.33	0.0	
11/25/2011	05:37:20	-0	0.0	8.33	0.0	
11/25/2011	05:37:50	-1	0.0	8.32	0.0	

Well			Field		Job Start	Customer		Job Number
ENCANA FEE 19-11B K19			S PARACHUTE		Nov/25/2011	ENCANA		BUNM-00361
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/25/2011	05:38:50	74	2.0	8.32	1.5			
11/25/2011	05:39:20	17	0.0	8.32	2.2			
11/25/2011	05:39:50	530	0.0	8.32	2.2			
11/25/2011	05:40:20	499	0.0	8.32	2.2			
11/25/2011	05:40:50	684	0.0	8.32	2.2			
11/25/2011	05:41:20	2517	0.0	8.32	2.2			
11/25/2011	05:41:50	2473	0.0	8.32	2.2			
11/25/2011	05:42:20	2442	0.0	8.32	2.2			
11/25/2011	05:42:50	26	0.0	8.32	2.2			
11/25/2011	05:43:20	62	1.4	8.32	2.7			
11/25/2011	05:43:50	153	3.3	8.32	3.8			
11/25/2011	05:44:20	144	3.3	8.32	5.5			
11/25/2011	05:44:50	197	4.4	8.32	7.4			
11/25/2011	05:45:20	199	4.4	8.32	9.6			
11/25/2011	05:45:50	197	4.4	8.32	11.8			
11/25/2011	05:46:20	202	4.3	8.32	14.0			
11/25/2011	05:46:50	202	4.3	8.32	16.1			
11/25/2011	05:47:20	212	4.4	8.31	18.3			
11/25/2011	05:47:50	208	4.5	10.49	20.5			
11/25/2011	05:48:20	427	5.9	12.39	23.0			
11/25/2011	05:48:50	433	5.9	12.46	25.9			
11/25/2011	05:49:20	413	5.9	12.48	28.9			
11/25/2011	05:49:50	577	5.7	12.49	31.7			
11/25/2011	05:50:03					Start Pumping Spacer		
11/25/2011	05:50:03	532	5.7	12.49	33.0			
11/25/2011	05:50:05					20bbbls Fresh H2o		
11/25/2011	05:50:05	464	5.7	12.49	33.2			
11/25/2011	05:50:13					End Spacer		
11/25/2011	05:50:13	211	5.7	12.49	33.9			
11/25/2011	05:50:20	408	5.7	12.49	34.6			
11/25/2011	05:50:50	383	5.4	12.49	37.3			
11/25/2011	05:51:07					Start Mixing Lead Slurry		
11/25/2011	05:51:07	401	5.9	12.50	38.9			
11/25/2011	05:51:08					99bbbls @ 12.5ppg		
11/25/2011	05:51:08					Good Returns		
11/25/2011	05:51:08					Take WetDry Sample		
11/25/2011	05:51:08	378	5.9	12.50	39.0			
11/25/2011	05:51:09					Sample= 12.5ppg		
11/25/2011	05:51:09					Sample#=13872		
11/25/2011	05:51:09	378	5.9	12.50	39.1			
11/25/2011	05:51:10					Reset Total, Vol = 39.16 bbl		
11/25/2011	05:51:10	380	5.9	12.50	39.2			
11/25/2011	05:51:20	397	5.9	12.49	40.1			
11/25/2011	05:51:50	381	6.0	12.50	43.1			
11/25/2011	05:52:20	385	5.9	12.50	46.1			
11/25/2011	05:52:50	390	6.0	12.50	49.1			
11/25/2011	05:53:20	373	5.9	12.50	52.0			
11/25/2011	05:53:50	384	5.9	12.50	55.0			
11/25/2011	05:54:20	385	6.0	12.50	58.0			
11/25/2011	05:54:50	373	5.9	12.51	61.0			
11/25/2011	05:55:20	381	5.9	12.51	63.9			
11/25/2011	05:55:50	375	5.9	12.51	66.9			
11/25/2011	05:56:20	367	5.9	12.51	69.9			
11/25/2011	05:56:50	384	5.9	12.51	72.8			

Well			Field		Job Start	Customer		Job Number
ENCANA FEE 19-11B K19			S PARACHUTE		Nov/25/2011	ENCANA		BUNM-00361
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/25/2011	05:57:50	371	6.0	12.52	78.8			
11/25/2011	05:58:20	385	6.0	12.53	81.8			
11/25/2011	05:58:50	368	5.9	12.53	84.7			
11/25/2011	05:59:20	375	6.0	12.52	87.7			
11/25/2011	05:59:50	384	6.0	12.52	90.7			
11/25/2011	06:00:20	372	6.0	12.53	93.7			
11/25/2011	06:00:50	383	5.9	12.53	96.7			
11/25/2011	06:01:20	388	6.0	12.53	99.6			
11/25/2011	06:01:50	375	5.9	12.53	102.6			
11/25/2011	06:02:20	392	5.9	12.54	105.6			
11/25/2011	06:02:50	389	6.0	12.55	108.6			
11/25/2011	06:03:20	373	6.0	12.49	111.5			
11/25/2011	06:03:50	394	6.0	12.45	114.5			
11/25/2011	06:03:54					End Lead Slurry		
11/25/2011	06:03:54	382	5.9	12.45	114.9			
11/25/2011	06:04:20	28	0.9	12.62	117.0			
11/25/2011	06:04:50	17	0.0	12.69	117.1			
11/25/2011	06:05:20	16	0.0	12.71	117.1			
11/25/2011	06:05:50	15	0.0	12.69	117.1			
11/25/2011	06:06:20	15	0.0	12.67	117.1			
11/25/2011	06:06:50	16	0.0	12.67	117.1			
11/25/2011	06:07:20	15	0.0	12.67	117.1			
11/25/2011	06:07:50	15	0.0	12.67	117.1			
11/25/2011	06:08:20	15	0.0	12.66	117.1			
11/25/2011	06:08:50	15	0.0	12.66	117.1			
11/25/2011	06:09:20	15	0.0	12.66	117.1			
11/25/2011	06:09:50	15	0.0	12.67	117.1			
11/25/2011	06:10:20	15	0.0	12.67	117.1			
11/25/2011	06:10:50	15	0.0	12.67	117.1			
11/25/2011	06:11:20	15	0.0	12.67	117.1			
11/25/2011	06:11:50	15	0.0	12.67	117.1			
11/25/2011	06:12:20	15	0.0	12.68	117.1			
11/25/2011	06:12:50	17	0.0	12.68	117.1			
11/25/2011	06:13:20	84	1.8	12.60	117.3			
11/25/2011	06:13:50	116	2.3	14.52	118.4			
11/25/2011	06:14:20	141	2.5	14.55	119.6			
11/25/2011	06:14:50	165	2.9	14.76	120.9			
11/25/2011	06:15:20	219	3.4	14.93	122.5			
11/25/2011	06:15:50	235	3.4	15.22	124.2			
11/25/2011	06:16:03					Reset Total, Vol = 85.73 bbl		
11/25/2011	06:16:03	234	3.4	15.35	124.9			
11/25/2011	06:16:19					Start Mixing Tail Slurry		
11/25/2011	06:16:19	238	3.4	15.22	125.8			
11/25/2011	06:16:20	238	3.4	15.22	125.8			
11/25/2011	06:16:21					31bbls @ 15.8ppg		
11/25/2011	06:16:21					Take WetDry Sample		
11/25/2011	06:16:21					Sample= 15.8ppg		
11/25/2011	06:16:21	231	3.4	15.22	125.9			
11/25/2011	06:16:22					Sample#= 14260		
11/25/2011	06:16:22	231	3.4	15.22	126.0			
11/25/2011	06:16:50	230	3.4	15.15	127.5			
11/25/2011	06:17:20	231	3.4	15.40	129.2			
11/25/2011	06:17:50	241	3.4	15.47	130.9			
11/25/2011	06:18:20	243	3.4	15.67	132.6			

Well			Field		Job Start	Customer		Job Number
ENCANA FEE 19-11B K19			S PARACHUTE		Nov/25/2011	ENCANA		BUNM-00361
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/25/2011	06:19:20	410	4.4	15.86	136.9			
11/25/2011	06:19:50	414	4.4	15.91	139.0			
11/25/2011	06:20:20	420	4.4	15.92	141.2			
11/25/2011	06:20:50	398	4.4	15.79	143.4			
11/25/2011	06:21:20	350	4.4	15.80	145.6			
11/25/2011	06:21:50	409	4.4	15.79	147.8			
11/25/2011	06:22:20	310	4.4	15.77	150.0			
11/25/2011	06:22:34					End Tail Slurry		
11/25/2011	06:22:34	399	4.4	15.77	151.0			
11/25/2011	06:22:39					Drop Top Plug		
11/25/2011	06:22:39	41	3.6	15.77	151.3			
11/25/2011	06:22:50	21	0.1	15.84	151.6			
11/25/2011	06:23:20	21	0.0	15.83	151.6			
11/25/2011	06:23:50	26	0.0	15.81	151.6			
11/25/2011	06:24:20	19	0.0	15.80	151.6			
11/25/2011	06:24:50	20	0.0	15.80	151.6			
11/25/2011	06:25:20	176	2.6	10.59	152.4			
11/25/2011	06:25:50	133	3.4	9.05	153.9			
11/25/2011	06:26:20	126	3.4	8.85	155.6			
11/25/2011	06:26:50	167	4.4	8.72	157.7			
11/25/2011	06:26:58					Start Displacement		
11/25/2011	06:26:58	163	4.4	8.68	158.3			
11/25/2011	06:26:59					99bbls Fresh H2o		
11/25/2011	06:26:59	162	4.4	8.68	158.4			
11/25/2011	06:27:13					Good Returns		
11/25/2011	06:27:13	179	4.4	8.65	159.4			
11/25/2011	06:27:20	165	4.4	8.65	159.9			
11/25/2011	06:27:28					Reset Total, Vol = 35.62 bbl		
11/25/2011	06:27:28	164	4.4	8.63	160.5			
11/25/2011	06:27:50	266	5.9	8.60	162.4			
11/25/2011	06:28:20	268	5.9	8.46	165.3			
11/25/2011	06:28:50	249	5.9	8.42	168.3			
11/25/2011	06:29:20	253	5.9	8.40	171.3			
11/25/2011	06:29:50	248	5.9	8.37	174.2			
11/25/2011	06:30:20	239	5.9	8.88	177.2			
11/25/2011	06:30:50	223	7.3	7.89	180.7			
11/25/2011	06:31:20	251	5.9	8.41	183.8			
11/25/2011	06:31:50	257	5.8	8.29	186.8			
11/25/2011	06:32:20	259	5.8	8.27	189.7			
11/25/2011	06:32:50	272	5.8	8.29	192.6			
11/25/2011	06:33:20	292	5.8	8.30	195.5			
11/25/2011	06:33:50	300	5.8	8.30	198.4			
11/25/2011	06:34:20	314	5.9	8.32	201.3			
11/25/2011	06:34:50	334	5.9	8.32	204.2			
11/25/2011	06:35:20	344	5.9	8.32	207.2			
11/25/2011	06:35:50	364	5.9	8.32	210.1			
11/25/2011	06:36:01					50bbls Cement		
11/25/2011	06:36:01	358	5.9	8.32	211.2			
11/25/2011	06:36:12					To Surface		
11/25/2011	06:36:12	362	5.8	8.32	212.2			
11/25/2011	06:36:20	354	5.8	8.32	213.0			
11/25/2011	06:36:50	394	5.9	8.32	215.9			
11/25/2011	06:37:20	404	5.8	8.32	218.9			
11/25/2011	06:37:50	420	5.9	8.32	221.8			

Well			Field		Job Start	Customer		Job Number
ENCANA FEE 19-11B K19			S PARACHUTE		Nov/25/2011	ENCANA		BUNM-00361
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/25/2011	06:38:50	436	5.9	8.32	227.6			
11/25/2011	06:39:20	464	5.8	8.32	230.6			
11/25/2011	06:39:50	396	4.2	8.32	233.2			
11/25/2011	06:40:20	382	4.0	8.32	235.3			
11/25/2011	06:40:50	423	4.0	8.32	237.3			
11/25/2011	06:41:20	407	4.0	8.32	239.3			
11/25/2011	06:41:50	451	4.0	8.32	241.3			
11/25/2011	06:42:20	430	3.0	8.32	243.2			
11/25/2011	06:42:50	318	1.2	8.32	244.3			
11/25/2011	06:43:20	324	1.8	8.32	245.0			
11/25/2011	06:43:50	353	1.8	8.32	246.0			
11/25/2011	06:44:20	366	1.8	8.32	246.9			
11/25/2011	06:44:50	355	1.8	8.32	247.8			
11/25/2011	06:45:20	419	1.8	8.32	248.7			
11/25/2011	06:45:50	416	1.8	8.32	249.6			
11/25/2011	06:46:20	423	1.8	8.32	250.5			
11/25/2011	06:46:50	399	1.8	8.32	251.5			
11/25/2011	06:47:20	396	1.8	8.32	252.4			
11/25/2011	06:47:50	401	1.8	8.32	253.3			
11/25/2011	06:48:20	645	1.8	8.32	254.2			
11/25/2011	06:48:50	1270	0.0	8.32	254.5			
11/25/2011	06:48:55					Bump Top Plug		
11/25/2011	06:48:55					Bump To 1200psi		
11/25/2011	06:48:55	1267	0.0	8.32	254.5			
11/25/2011	06:49:20	1251	0.0	8.33	254.5			
11/25/2011	06:49:50	1255	0.0	8.33	254.5			
11/25/2011	06:50:20	13	0.0	8.33	254.5			
11/25/2011	06:50:50	4	0.0	8.33	254.5			
11/25/2011	06:51:20	3	0.0	8.33	254.5			
11/25/2011	06:51:50	2	0.0	8.33	254.5			
11/25/2011	06:52:20	2	0.0	8.33	254.5			
11/25/2011	06:52:50	422	0.0	8.33	254.5			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
4.5		0.0	7.8	254.5	0.0	33.9	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2556	108	323	1200				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Washed Thru Perfs	Volume	To
	130.0 bbl	103.2 bbl	61 degF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	50.0 bbl	
Customer or Authorized Representative		Schlumberger Supervisor		Circulation Lost	Job Completed		
CHARLI BROWN		JASON CRICK		<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Client:	ENCANA
Field:	S PARACHUTE
Rig:	NABORS M-13
Well:	ENCANA FEE 19-11B K19
Service Line:	Cementing
Job Type:	SURFACE

Service Order #:	
Date:	Nov/25/2011
Operating Time:	0.0
Client Rep:	ENCANA
Schlumberger Engineer:	JASON CRICK
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 type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Free of RIRs	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1d	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

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%

3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	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%

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: