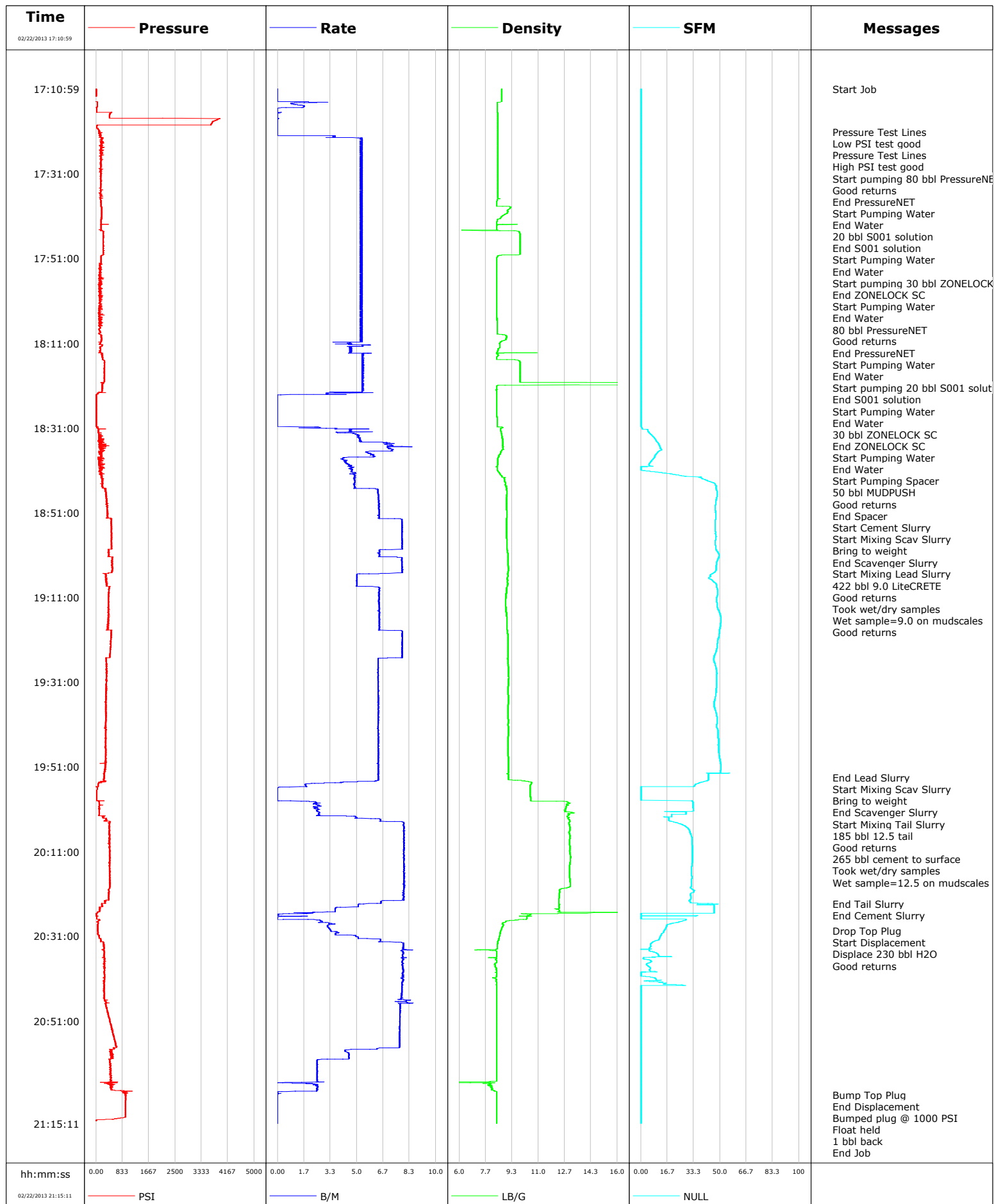


<b>Well</b>	SGU 8507B-35	<b>Client</b>	Encana
<b>Field</b>	Story Gulch	<b>SIR No.</b>	C610-01134
<b>Engineer</b>	Matt Fair/Ted Hansen	<b>Job Type</b>	9 5/8" Surface
<b>Country</b>	United States	<b>Job Date</b>	02-22-2013



					Customer Encana			Job Number C610-01134	
Well SGU 8507B-35			Location (legal)			Schlumberger Location		Job Start Feb/22/2013	
Field Story Gulch		Formation Name/Type Shale		Deviation deg		Bit Size 14.8 in		Well MD 3021.0 ft	
County Garfield		State/Province Colorado		BHP psi		BHST 120 degF		BHCT 96 degF	
Well Master 0631304013		API/UWI						Pore Press. Gradient lb/gal	
Rig Name Patterson 326		Drilled For Gas		Service Via Land		Casing/Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
						Thread			
Offshore Zone		Well Class New		Well Type Development		3021.0		9.6	
						36.0		K55	
						0.0		8RD	
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe			
						T/D		Depth, ft	
						Size, in		Weight, lb/ft	
						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 Single Cement head		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
						Total Interval ft			
						ft		ft	
						ft		ft	
						ft		ft	
						Treat Down Casing		Displacement 230.0 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 234.0 bbl	
						Annular Vol. 384.0 bbl		Openhole Vol. 635.0 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 1495 psi				Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3021.0 ft		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs 0		Stage Tool Type		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Feb/22/2013 14:00		Arrived on Location Feb/22/2013 14:00		Leave Location Feb/22/2013 23:00		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 2977.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message		
02/22/2013	17:10:59	8.67	1	0.0	0.0	0.0	Started Acquisition		
02/22/2013	17:11:04	8.67	1	0.0	0.0	0.0	Start Job		
02/22/2013	17:13:29	8.68	-2	0.0	0.0	0.0			
02/22/2013	17:15:59	8.40	21	0.0	2.0	2.0			
02/22/2013	17:18:29	8.42	3764	0.0	2.1	2.1			
02/22/2013	17:20:59	8.42	127	0.0	0.0	2.1			
02/22/2013	17:21:10	8.42	90	0.0	0.0	2.1	Pressure Test Lines		
02/22/2013	17:21:11	8.42	103	0.0	0.0	2.1	Low PSI test good		
02/22/2013	17:21:12	8.42	96	0.0	0.0	2.1	Pressure Test Lines		
02/22/2013	17:21:13	8.42	96	0.0	0.0	2.1	High PSI test good		
02/22/2013	17:22:08	8.42	132	3.6	0.4	2.5	Start pumping 80 bbl PressureNET		
02/22/2013	17:23:29	8.42	192	5.3	6.9	9.0			
02/22/2013	17:25:58	8.42	175	5.3	20.0	22.1	Good returns		
02/22/2013	17:25:59	8.42	175	5.2	20.1	22.2			
02/22/2013	17:28:29	8.42	157	5.2	33.4	35.5			
02/22/2013	17:30:59	8.42	144	5.2	46.6	48.7			
02/22/2013	17:33:29	8.42	156	5.2	59.9	61.9			
02/22/2013	17:35:59	8.42	138	5.3	73.1	75.2			
02/22/2013	17:36:46	8.43	162	5.3	77.3	79.3	End PressureNET		
02/22/2013	17:36:54	8.54	144	5.3	0.5	80.0	Start Pumping Water		
02/22/2013	17:38:29	8.37	159	5.2	8.9	88.4			

Well			Field		Job Start		Customer	Job Number
SGU 8507B-35			Story Gulch		Feb/22/2013		Encana	C610-01134
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message	
02/22/2013	17:38:48	9.19	167	5.3	0.4	90.1	20 bbl S001 solution	
02/22/2013	17:40:59	8.73	174	5.3	11.9	101.7		
02/22/2013	17:43:29	8.37	165	5.3	5.3	114.9		
02/22/2013	17:43:48	8.37	161	5.3	7.0	116.6	End S001 solution	
02/22/2013	17:43:49	8.37	164	5.2	7.1	116.7	Start Pumping Water	
02/22/2013	17:44:33	9.69	215	5.2	0.4	120.6	End Water	
02/22/2013	17:44:35	9.72	236	5.2	0.5	120.7	Start pumping 30 bbl ZONELOCK SC	
02/22/2013	17:45:59	9.83	227	5.3	7.9	128.2		
02/22/2013	17:48:29	9.83	223	5.3	21.2	141.4		
02/22/2013	17:50:05	9.83	234	5.3	29.7	149.9	End ZONELOCK SC	
02/22/2013	17:50:19	8.55	178	5.2	0.7	151.1	Start Pumping Water	
02/22/2013	17:50:59	8.38	178	5.3	4.2	154.6		
02/22/2013	17:52:13	8.37	128	5.3	0.3	161.2	End Water	
02/22/2013	17:52:15	8.37	126	5.2	0.4	161.3	80 bbl PressureNET	
02/22/2013	17:53:29	8.38	163	5.3	7.0	167.9		
02/22/2013	17:55:53	8.38	107	5.2	19.7	180.6	Good returns	
02/22/2013	17:55:59	8.38	129	5.2	20.2	181.1		
02/22/2013	17:58:29	8.38	123	5.3	33.5	194.4		
02/22/2013	18:00:59	8.38	110	5.3	46.7	207.6		
02/22/2013	18:03:29	8.38	99	5.2	60.0	220.8		
02/22/2013	18:05:59	8.39	181	5.2	73.2	234.1		
02/22/2013	18:08:17	8.39	120	5.3	7.3	246.3	End PressureNET	
02/22/2013	18:08:20	8.39	129	5.2	7.6	246.5	Start Pumping Water	
02/22/2013	18:08:29	8.39	143	5.3	8.4	247.3		
02/22/2013	18:08:57	8.67	108	5.2	0.3	249.8	End Water	
02/22/2013	18:08:58	8.67	122	5.2	0.4	249.9	Start pumping 20 bbl S001 solution	
02/22/2013	18:10:59	8.56	147	4.5	10.8	260.4		
02/22/2013	18:12:58	8.41	123	4.6	0.3	269.8	End S001 solution	
02/22/2013	18:12:59	8.41	120	4.6	0.4	269.9	Start Pumping Water	
02/22/2013	18:13:29	8.37	175	5.3	2.8	272.3		
02/22/2013	18:14:43	8.37	204	5.3	9.4	278.9	End Water	
02/22/2013	18:14:44	8.37	205	5.3	9.5	279.0	30 bbl ZONELOCK SC	
02/22/2013	18:15:59	9.83	266	5.3	16.2	285.7		
02/22/2013	18:18:29	9.83	263	5.3	29.6	299.1		
02/22/2013	18:18:57	9.83	260	5.3	32.1	301.6	End ZONELOCK SC	
02/22/2013	18:18:58	9.83	257	5.3	32.2	301.7	Start Pumping Water	
02/22/2013	18:20:24	25.00	173	5.3	39.9	309.4	End Water	
02/22/2013	18:20:30	25.00	237	5.4	40.4	309.9	Start Pumping Spacer	
02/22/2013	18:20:31	25.00	245	5.4	40.5	310.0	50 bbl MUDPUSH	
02/22/2013	18:20:59	8.43	194	5.3	0.6	312.5		
02/22/2013	18:23:29	8.38	5	0.0	11.2	323.0		
02/22/2013	18:25:59	8.38	3	0.0	0.0	323.0		
02/22/2013	18:28:29	8.39	9	0.0	0.0	323.0		
02/22/2013	18:30:59	8.73	72	2.6	0.6	323.6		
02/22/2013	18:33:29	8.72	120	5.2	12.2	335.2		
02/22/2013	18:35:12	8.76	237	7.3	22.7	345.7	Good returns	
02/22/2013	18:35:59	8.75	156	7.2	28.3	351.3		
02/22/2013	18:38:29	8.43	189	4.1	42.8	365.8		
02/22/2013	18:40:59	8.41	120	4.7	54.0	377.0		
02/22/2013	18:42:13	8.64	168	4.9	0.0	382.9	End Spacer	
02/22/2013	18:42:16	8.66	173	4.9	0.2	383.1	Start Cement Slurry	
02/22/2013	18:42:17	8.66	173	4.9	0.3	383.2	Start Mixing Scav Slurry	
02/22/2013	18:42:19	8.67	202	4.9	0.5	383.3	Bring to weight	
02/22/2013	18:43:29	8.86	200	4.9	6.2	389.0		

Well			Field		Job Start		Customer		Job Number
SGU 8507B-35			Story Gulch		Feb/22/2013		Encana		C610-01134
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message		
02/22/2013	18:43:59	8.91	203	4.8	8.6	391.4	422 bbl 9.0 LiteCRETE		
02/22/2013	18:45:59	9.00	298	6.3	19.3	402.1			
02/22/2013	18:48:29	8.98	343	6.4	35.2	418.0			
02/22/2013	18:50:59	9.00	362	6.4	51.2	434.0			
02/22/2013	18:53:29	8.98	482	7.8	68.7	451.5			
02/22/2013	18:55:59	8.99	492	7.9	88.3	471.2			
02/22/2013	18:58:29	9.01	483	7.9	108.0	490.8			
02/22/2013	19:00:59	9.07	405	6.4	125.8	508.6			
02/22/2013	19:03:29	9.08	508	7.8	144.7	527.5			
02/22/2013	19:05:11	9.08	498	7.9	158.0	540.9	Good returns		
02/22/2013	19:05:59	9.06	305	5.0	162.6	545.5			
02/22/2013	19:07:43	9.06	344	5.0	171.3	554.1	Took wet/dry samples		
02/22/2013	19:07:55	9.05	323	5.0	172.3	555.1	Wet sample=9.0 on mudscales		
02/22/2013	19:08:29	9.03	441	5.6	175.1	558.0			
02/22/2013	19:10:59	8.94	392	6.4	191.1	574.0			
02/22/2013	19:13:00	8.93	387	6.4	204.0	586.9	Good returns		
02/22/2013	19:13:29	8.94	384	6.4	207.1	590.0			
02/22/2013	19:15:59	9.01	388	6.4	223.2	606.0			
02/22/2013	19:18:29	9.02	362	6.4	239.2	622.1			
02/22/2013	19:20:59	9.07	470	7.9	258.4	641.2			
02/22/2013	19:23:29	9.08	456	7.8	278.0	660.9			
02/22/2013	19:25:59	9.06	330	6.4	296.7	679.6			
02/22/2013	19:28:29	9.12	332	6.3	312.6	695.4			
02/22/2013	19:30:59	9.10	326	6.4	328.4	711.3			
02/22/2013	19:33:29	9.09	314	6.4	344.3	727.2			
02/22/2013	19:35:59	9.09	312	6.4	360.2	743.1			
02/22/2013	19:38:29	9.08	306	6.4	376.1	759.0			
02/22/2013	19:40:59	9.09	302	6.3	392.0	774.9			
02/22/2013	19:43:29	9.09	292	6.4	407.9	790.8			
02/22/2013	19:45:59	9.08	312	6.4	423.8	806.7			
02/22/2013	19:48:29	9.09	310	6.4	439.7	822.6			
02/22/2013	19:50:59	9.11	299	6.4	455.6	838.5			
02/22/2013	19:53:29	9.11	259	6.4	471.5	854.4			
02/22/2013	19:53:32	9.11	266	6.4	471.8	854.7	End Lead Slurry		
02/22/2013	19:53:33	9.11	251	6.4	471.9	854.8	Start Mixing Scav Slurry		
02/22/2013	19:53:35	9.11	253	6.4	472.1	855.0	Bring to weight		
02/22/2013	19:55:59	10.48	32	0.0	0.0	864.0			
02/22/2013	19:58:29	10.50	29	0.0	0.0	864.0			
02/22/2013	20:00:56	12.71	93	2.5	4.4	868.4	End Scavenger Slurry		
02/22/2013	20:00:57	12.71	93	2.6	4.5	868.5	Start Mixing Tail Slurry		
02/22/2013	20:00:58	12.71	138	2.6	4.5	868.5	185 bbl 12.5 tail		
02/22/2013	20:00:59	12.71	91	2.5	4.6	868.5			
02/22/2013	20:03:29	12.94	336	6.5	13.5	877.4			
02/22/2013	20:04:40	12.95	425	8.0	22.2	886.2	Good returns		
02/22/2013	20:05:59	12.97	409	8.0	32.7	896.7			
02/22/2013	20:08:29	12.95	407	8.0	52.7	916.6			
02/22/2013	20:10:19	12.99	421	8.0	67.3	931.3	265 bbl cement to surface		
02/22/2013	20:10:27	12.98	434	8.0	68.4	932.3	Took wet/dry samples		
02/22/2013	20:10:35	12.98	433	7.9	69.4	933.4	Wet sample=12.5 on mudscales		
02/22/2013	20:10:59	12.97	416	8.0	72.6	936.6			
02/22/2013	20:13:29	13.00	435	8.0	92.5	956.5			
02/22/2013	20:15:59	12.95	433	8.0	112.5	976.5			
02/22/2013	20:18:29	13.01	444	8.0	132.5	996.4			
02/22/2013	20:20:59	12.33	401	7.9	152.4	1016.3			

Well			Field		Job Start		Customer		Job Number
SGU 8507B-35			Story Gulch		Feb/22/2013		Encana		C610-01134
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message		
02/22/2013	20:23:21	12.49	196	5.4	170.1	1034.1	End Cement Slurry		
02/22/2013	20:23:29	12.49	191	5.1	170.8	1034.8			
02/22/2013	20:25:59	9.09	15	0.0	179.2	1043.1			
02/22/2013	20:28:29	8.59	54	3.2	4.4	1047.6			
02/22/2013	20:29:39	8.50	55	3.3	8.2	1051.3	Drop Top Plug		
02/22/2013	20:29:40	8.50	55	3.3	8.3	1051.4	Start Displacement		
02/22/2013	20:30:59	8.46	94	4.9	13.4	1056.5			
02/22/2013	20:32:53	8.43	239	7.9	25.5	1068.6	Good returns		
02/22/2013	20:33:29	8.43	241	7.9	30.3	1073.4			
02/22/2013	20:35:59	8.43	234	7.9	50.1	1093.2			
02/22/2013	20:38:29	8.43	286	7.9	69.8	1112.9			
02/22/2013	20:40:59	8.42	271	7.8	89.6	1132.7			
02/22/2013	20:43:29	8.41	257	7.8	109.3	1152.4			
02/22/2013	20:45:59	8.18	273	7.9	128.8	1172.0			
02/22/2013	20:48:29	8.45	350	7.7	148.5	1191.7			
02/22/2013	20:50:59	8.45	426	7.7	167.8	1211.0			
02/22/2013	20:53:29	8.45	523	7.7	187.1	1230.3			
02/22/2013	20:55:59	8.45	600	7.7	206.4	1249.5			
02/22/2013	20:58:29	8.46	480	4.4	222.6	1265.7			
02/22/2013	21:00:59	8.37	441	2.5	231.9	1275.1			
02/22/2013	21:03:29	8.37	476	2.5	238.2	1281.3			
02/22/2013	21:05:59	7.91	465	2.6	243.9	1287.0			
02/22/2013	21:08:20	8.37	947	0.0	247.9	1291.1	Bump Top Plug		
02/22/2013	21:08:23	8.37	944	0.0	247.9	1291.1	End Displacement		
02/22/2013	21:08:29	8.37	932	0.0	247.9	1291.1			
02/22/2013	21:08:37	8.37	938	0.0	247.9	1291.1	Bumped plug @ 1000 PSI		
02/22/2013	21:10:59	8.38	930	0.0	247.9	1291.1			
02/22/2013	21:13:29	8.38	928	0.0	247.9	1291.1			
02/22/2013	21:14:53	8.38	-2	0.0	247.9	1291.1	Float held		
02/22/2013	21:14:56	8.38	-2	0.0	247.9	1291.1	1 bbl back		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.0	N2	Mud	Maximum Rate 8.6	Total Slurry 607.0	Mud 0.0	Spacer 50.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3910	Final -2	Average 308	Bump Plug to 1000	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 607.0 bbl		Displacement 228.0 bbl	Mix Water Temp 73 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 265.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Curt Childers			Schlumberger Supervisor Matt Fair/Ted Hansen			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	



# Service Quality Evaluation

Client:	Encana
Field:	Story Gulch
Rig:	Patterson 326
Well:	SGU 8507B-35
Service Line:	Cementing
Job Type:	9 5/8" Surface

Service Order #:	
Date:	Feb/22/2013
Operating Time (hh:mm):	00:00
Client Rep:	Curt Childers
Schlumberger Engineer:	Matt Fair/Ted Hansen
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	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 succesfully	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 succesfully	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 as 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:
	Water - 009715, 009644    Lead - 010314, 009754    Tail - 009813, 009800
Client Signature:	Schlumberger Signature: