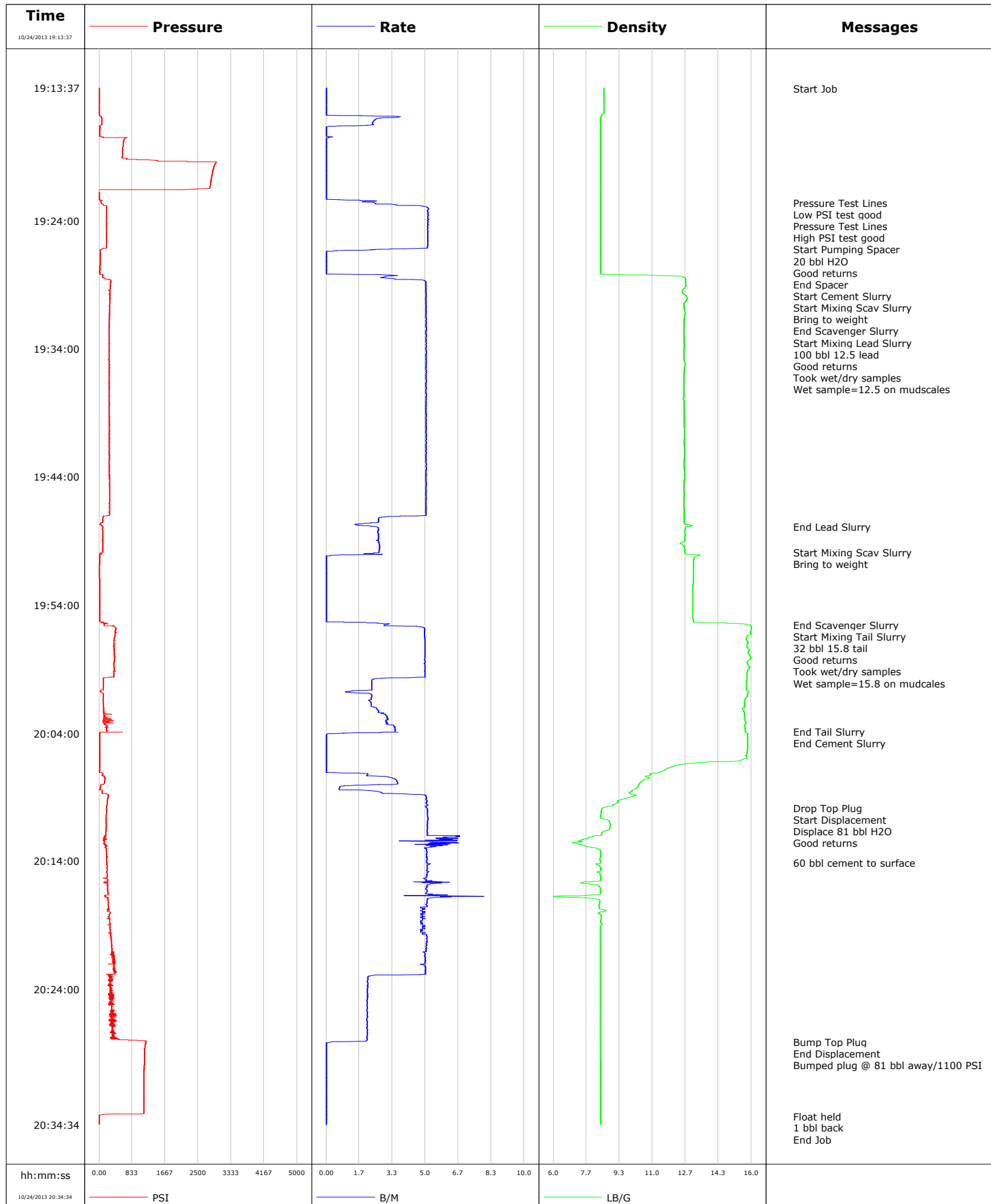


Well	Rose 22-3D	Client	Encana
Field	Parachute	SIR No.	C459-01954
Engineer	Matt Fair/Joe Fanning	Job Type	9 5/8" Surface
Country	United States	Job Date	10-24-2013



					Customer Encana		Job Number C459-01954	
Well Rose 22-3D			Location (legal)			Schlumberger Location		Job Start Oct/24/2013
Field Parachute		Formation Name/Type Shale		Deviation deg		Bit Size 12.5 in		Well MD 1090.0 ft
County Garfield		State/Province Colorado		BHP psi		BHST 94 degF		BHCT 82 degF
Well Master 0631505158		API/UWI						Pore Press. Gradient lb/gal
Rig Name Patterson 303		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		1090.0	9.6	36.0
						0.0	0.0	0.0
Drilling Fluid Type Bentonite		Max. Density 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				Perforations/Open Hole		
						Top, ft	Bottom, ft	shot/ft
								No. of Shots
								Total Interval ft
								Diameter in
						Treat Down Casing	Displacement 81.0 bbl	Packer Type
								Packer Depth ft
						Tubing Vol. bbl	Casing Vol. 84.0 bbl	Annular Vol. 70.0 bbl
								Openhole Vol. 158.0 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 539 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1090.0 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 Oct/24/2013 19:00		Arrived on Location Oct/24/2013 19:00		Leave Location Oct/24/2013 22:00		Collar Type Float		Tail Pipe Depth ft
						Collar Depth 1044.0 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	
10/24/2013	19:13:37	8.56	5	0.0	8.0	8.0	Started Acquisition	
10/24/2013	19:13:40	8.56	5	0.0	8.0	8.0	Start Job	
10/24/2013	19:16:07	8.39	73	2.5	0.9	0.9		
10/24/2013	19:18:37	8.38	594	0.0	2.1	2.1		
10/24/2013	19:21:07	8.38	2814	0.0	2.1	2.1		
10/24/2013	19:22:36	8.38	61	2.4	2.5	2.5	Pressure Test Lines	
10/24/2013	19:22:37	8.38	61	2.5	2.6	2.6	Low PSI test good	
10/24/2013	19:22:38	8.38	60	2.5	2.6	2.6	Pressure Test Lines	
10/24/2013	19:22:40	8.38	59	2.5	2.7	2.7	High PSI test good	
10/24/2013	19:22:42	8.38	94	2.9	2.8	2.8	Start Pumping Spacer	
10/24/2013	19:22:43	8.38	103	3.2	2.8	2.8	20 bbl H2O	
10/24/2013	19:23:37	8.38	186	5.1	7.2	7.2		
10/24/2013	19:24:17	8.38	184	5.1	10.6	10.6	Good returns	
10/24/2013	19:26:07	8.38	192	5.1	20.0	20.0		
10/24/2013	19:26:36	8.39	32	0.0	20.8	20.8	End Spacer	
10/24/2013	19:26:44	8.38	28	0.0	20.8	20.8	Start Cement Slurry	
10/24/2013	19:26:46	8.38	28	0.0	20.8	20.8	Bring to weight	
10/24/2013	19:28:37	12.69	291	4.7	1.3	1.3		
10/24/2013	19:29:35	12.52	283	5.0	6.2	6.2	End Scavenger Slurry	
10/24/2013	19:29:36	12.52	281	5.0	6.3	6.3	Start Mixing Lead Slurry	
10/24/2013	19:29:37	12.53	281	5.0	6.3	6.3	100 bbl 12.5 lead	

Well			Field		Job Start		Customer		Job Number
Rose 22-3D			Parachute		Oct/24/2013		Encana		C459-01954
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		
10/24/2013	19:32:54	12.59	252	5.1	22.9	22.9	Good returns		
10/24/2013	19:33:02	12.59	255	5.0	23.6	23.6	Took wet/dry samples		
10/24/2013	19:33:09	12.60	254	5.0	24.2	24.2	Wet sample=12.5 on mudscales		
10/24/2013	19:33:37	12.61	252	5.1	26.5	26.5			
10/24/2013	19:36:07	12.58	257	5.0	39.2	39.2			
10/24/2013	19:38:37	12.60	259	5.0	51.8	51.8			
10/24/2013	19:41:07	12.62	264	5.0	64.4	64.4			
10/24/2013	19:43:37	12.63	259	5.0	77.1	77.1			
10/24/2013	19:46:07	12.59	263	5.1	89.7	89.7			
10/24/2013	19:47:51	12.99	84	2.3	96.4	96.4	End Lead Slurry		
10/24/2013	19:48:37	12.64	88	2.6	98.4	98.4			
10/24/2013	19:49:54	12.64	87	2.7	101.8	101.8	Start Mixing Scav Slurry		
10/24/2013	19:49:57	12.65	30	2.4	102.0	102.0	Bring to weight		
10/24/2013	19:51:07	13.07	10	0.0	0.0	0.0			
10/24/2013	19:53:37	13.05	14	0.0	0.0	0.0			
10/24/2013	19:55:33	15.89	129	3.0	0.5	0.5	End Scavenger Slurry		
10/24/2013	19:55:34	15.93	132	2.9	0.5	0.5	Start Mixing Tail Slurry		
10/24/2013	19:55:35	15.96	130	2.9	0.6	0.6	32 bbl 15.8 tail		
10/24/2013	19:56:07	15.95	430	5.0	3.1	3.1			
10/24/2013	19:58:18	15.87	395	5.0	13.9	13.9	Good returns		
10/24/2013	19:58:23	15.82	384	5.0	14.4	14.4	Took wet/dry samples		
10/24/2013	19:58:32	15.80	375	5.0	15.1	15.1	Wet sample=15.8 on mudcales		
10/24/2013	19:58:37	15.81	367	5.0	15.5	15.5			
10/24/2013	20:01:07	15.80	105	2.3	24.0	24.0			
10/24/2013	20:03:37	15.69	191	3.5	30.8	30.8			
10/24/2013	20:03:51	15.71	191	3.5	31.6	31.6	End Tail Slurry		
10/24/2013	20:03:52	15.71	199	3.5	31.7	31.7	End Cement Slurry		
10/24/2013	20:06:07	15.48	19	0.0	0.0	0.0			
10/24/2013	20:08:37	9.89	79	2.7	3.5	3.5			
10/24/2013	20:09:52	8.51	193	5.1	9.5	9.5	Drop Top Plug		
10/24/2013	20:09:53	8.49	188	5.1	9.6	9.6	Displace 81 bbl H2O		
10/24/2013	20:10:52	8.82	178	5.1	14.6	14.6	Good returns		
10/24/2013	20:11:07	8.88	185	5.1	15.9	15.9			
10/24/2013	20:13:37	8.40	187	5.1	29.2	29.2			
10/24/2013	20:14:05	8.37	201	5.1	31.6	31.6	60 bbl cement to surface		
10/24/2013	20:16:07	8.37	215	5.0	42.0	42.0			
10/24/2013	20:18:37	8.40	264	4.9	54.6	54.6			
10/24/2013	20:21:07	8.38	322	4.9	67.1	67.1			
10/24/2013	20:23:37	8.38	241	2.1	77.5	77.5			
10/24/2013	20:26:07	8.37	434	2.1	82.7	82.7			
10/24/2013	20:28:05	8.38	1183	1.1	86.7	86.7	Bump Top Plug		
10/24/2013	20:28:06	8.38	1175	0.5	86.8	86.8	End Displacement		
10/24/2013	20:28:07	8.38	1175	0.3	86.8	86.8	Bumped plug @ 81 bbl away/1100 PSI		
10/24/2013	20:28:37	8.38	1151	0.0	86.8	86.8			
10/24/2013	20:31:07	8.38	1138	0.0	86.8	86.8			
10/24/2013	20:33:37	8.38	1136	0.0	86.8	86.8			
10/24/2013	20:33:54	8.38	1	0.0	86.8	86.8	Float held		
10/24/2013	20:34:24	8.38	3	0.0	86.8	86.8	1 bbl back		

Well	Field	Job Start	Customer	Job Number
Rose 22-3D	Parachute	Oct/24/2013	Encana	C459-01954

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
4.3			8.0		242.2	0.0	20.8	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
2957	5	340	1000			bbl		lb/gal
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
%		132.0 bbl		77.3 bbl	57 degF	<input checked="" type="checkbox"/>		60.0 bbl
						<input type="checkbox"/>		To
								ft
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed
James Retherford			Matt Fair/Joe Fanning			<input type="checkbox"/>		<input checked="" type="checkbox"/>
						-		-



Service Quality Evaluation

Client:	Encana
Field:	Parachute
Rig:	Patterson 303
Well:	Rose 22-3D
Service Line:	Cementing
Job Type:	9 5/8" Surface

Service Order #:	
Date:	Oct/24/2013
Operating Time (hh:mm):	00:00
Client Rep:	James Retherford
Schlumberger Engineer:	Matt Fair/Joe Fanning
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 - 010323, 009530 Lead - 009562 Tail - 009508
Client Signature:	Schlumberger Signature: