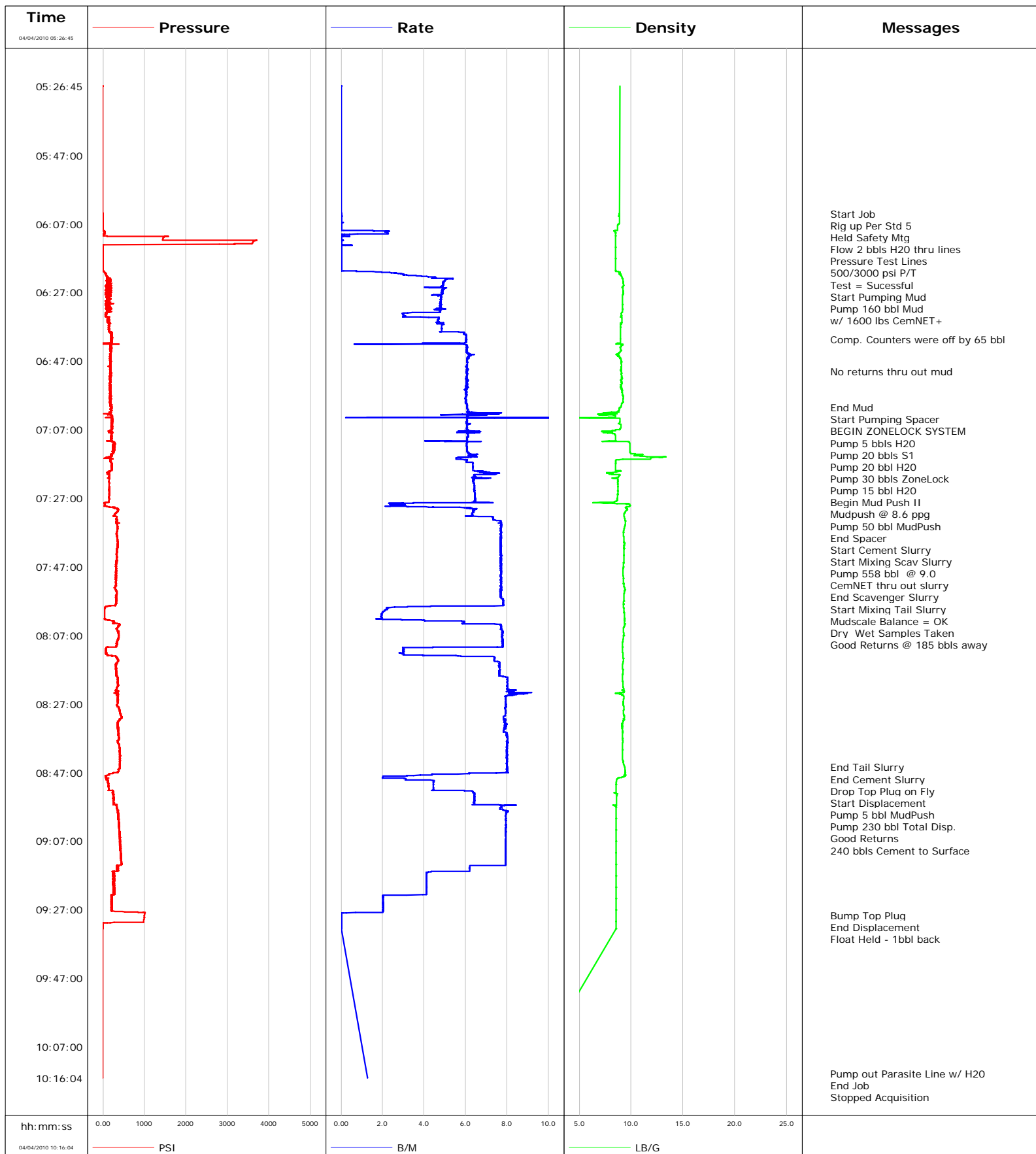


Well SGU 8505C-25 F25 496
Field N Piceance
Engineer
Country United States

Client Encana Oil Gas
SIR No. 308407
Job Type 9 5/8" surface
Job Date 04-04-2010





Cementing Service Report

				Customer Encana Oil & Gas		Job Number 308407	
Well SGU 8505C-25 F25 496 SGU 8505C-25 F25 496			Location (legal) Patterson 306		Schlumberger Location		Job Start Apr/04/2010
Field N Piceance		Formation Name/Type shale		Deviation 15 deg	Bit Size 14.8 in	Well MD 3022.0 ft	Well TVD 3022.0 ft
County Garfield		State/Province Colorado		BHP	BHST 115 degF	BHCT 95 degF	Pore Press. Gradient
Well Master 0631170187		API/UWI					
Rig Name Patterson 306		Drilled For Gas	Service Via Land	Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
							Thread
Offshore Zone		Well Class New	Well Type New Well Completion	120.0	20.000	94.0	8RD
				3022.0	9.630	36.0	8RD
Drilling Fluid Type Bentonite		Max. Density 8.90 lb/gal	Plastic Viscosity 14.000 cP	Tubing/Drill Pipe			
				Depth,	Size,	Weight,	Grade
							Thread
Service Line Cementing		Job Type 9 5/8" surface					
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press 1500 psi	WH Connection Single Cement head	Perforations/Open Hole			
				Top,	Bottom,	No. of Shots	Total Interval
							Diameter
				Treat Down Casing	Displacement 230.0 bbl	Packer Type	Packer Depth
				Tubing Vol.	Casing Vol. 230.0 bbl	Annular Vol. 384.0 bbl	Openhole Vol. 636.0 bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure 1497 psi				Shoe Type guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3022.0 ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth	
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size	
Job Scheduled For Apr/04/2010 04:00		Arrived on Location Apr/03/2010 23:00	Leave Location Apr/04/2010	Collar Type Float		Tail Pipe Depth	
				Collar Depth 3018.0 ft		Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/04/2010	05:26:15					Started Acquisition	
04/04/2010	05:26:45	-11	0.0	8.92	0.0		
04/04/2010	06:04:01					Start Job	
04/04/2010	06:04:01	-2	0.0	8.89	0.0		
04/04/2010	06:04:12					Rig up Per Std 5	
04/04/2010	06:04:12	-3	0.0	8.88	0.0		
04/04/2010	06:04:13					Held Safety Mtg	
04/04/2010	06:04:13	-2	0.0	8.88	0.0		
04/04/2010	06:04:17					Flow 2 bbls H2O thru lines	
04/04/2010	06:04:17	-2	0.0	8.89	0.0		
04/04/2010	06:04:24					Pressure Test Lines	
04/04/2010	06:04:24	-2	0.0	8.88	0.0		
04/04/2010	06:04:26					500/3000 psi P/T	
04/04/2010	06:04:26	-3	0.0	8.86	0.0		
04/04/2010	06:04:27					Test = Successful	
04/04/2010	06:04:27	-2	0.0	8.86	0.0		
04/04/2010	06:06:15	-1	0.0	8.89	0.0		
04/04/2010	06:11:15	1447	0.0	8.51	2.3		
04/04/2010	06:16:15	-4	0.0	8.51	2.4		
04/04/2010	06:20:19					Start Pumping Mud	
04/04/2010	06:20:19	-4	0.0	8.52	2.4		

Well			Field		Job Start		Customer		Job Number	
SGU 8505C-25 F25 496 SGU 8505C-25 F25 496			N Piceance		Apr/04/2010		Encana Oil & Gas		308407	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/04/2010	06:21:00	26	1.8	8.80	2.7					
04/04/2010	06:21:15	53	2.4	8.88	3.2					
04/04/2010	06:21:19					w/ 1600 lbs CemNET+				
04/04/2010	06:21:19	54	2.6	8.92	3.4					
04/04/2010	06:26:15	75	4.9	9.23	25.7					
04/04/2010	06:31:15	185	4.8	9.18	49.7					
04/04/2010	06:36:15	138	4.9	9.06	71.1					
04/04/2010	06:40:41					Comp. Counters were off by 65 bbl				
04/04/2010	06:40:41	197	6.0	8.96	95.1					
04/04/2010	06:41:15	214	6.0	8.96	98.6					
04/04/2010	06:46:15	173	6.2	8.94	128.5					
04/04/2010	06:50:00					No returns thru out mud				
04/04/2010	06:50:00	185	6.1	9.04	151.3					
04/04/2010	06:51:15	185	6.1	9.09	158.8					
04/04/2010	06:56:15	179	6.0	9.17	189.1					
04/04/2010	07:00:33					End Mud				
04/04/2010	07:00:33	190	6.1	8.92	215.0					
04/04/2010	07:00:34					Start Pumping Spacer				
04/04/2010	07:00:34	190	6.1	8.91	215.1					
04/04/2010	07:01:15	196	6.1	8.87	219.3					
04/04/2010	07:02:37					BEGIN ZONELOCK SYSTEM				
04/04/2010	07:02:37	108	4.8	7.64	227.9					
04/04/2010	07:02:38					Pump 5 bbls H2O				
04/04/2010	07:02:38	193	4.8	6.86	228.0					
04/04/2010	07:03:41					Pump 20 bbls S1				
04/04/2010	07:03:41	220	7.4	8.57	234.9					
04/04/2010	07:06:15	213	6.1	9.02	250.5					
04/04/2010	07:07:24					Pump 20 bbl H2O				
04/04/2010	07:07:24	150	6.4	7.91	257.5					
04/04/2010	07:10:24					Pump 30 bbls ZoneLock				
04/04/2010	07:10:24	198	5.0	7.23	275.8					
04/04/2010	07:11:15	266	6.0	9.87	281.0					
04/04/2010	07:15:46					Pump 15 bbl H2O				
04/04/2010	07:15:46	183	6.0	8.66	308.4					
04/04/2010	07:16:15	193	6.0	8.51	311.3					
04/04/2010	07:18:29					Begin Mud Push II				
04/04/2010	07:18:29	215	6.4	8.51	325.4					
04/04/2010	07:18:31					Mudpush @ 8.6 ppg				
04/04/2010	07:18:31	214	6.3	8.51	325.6					
04/04/2010	07:21:15	142	6.8	8.59	343.8					
04/04/2010	07:26:15	152	6.4	8.71	375.9					
04/04/2010	07:28:34					Pump 50 bbl MudPush				
04/04/2010	07:28:34	33	2.8	8.66	390.3					
04/04/2010	07:28:35					End Spacer				
04/04/2010	07:28:35	33	3.0	8.66	390.3					
04/04/2010	07:28:45					Start Cement Slurry				
04/04/2010	07:28:45	45	2.4	9.70	390.8					
04/04/2010	07:28:50					Start Mixing Scav Slurry				
04/04/2010	07:28:50	52	3.1	9.87	391.0					
04/04/2010	07:29:59					Pump 558 bbl @ 9.0				
04/04/2010	07:29:59	350	6.1	9.60	395.4					
04/04/2010	07:30:37					CemNET thru out slurry				
04/04/2010	07:30:37	358	6.4	9.51	399.5					
04/04/2010	07:31:15	315	6.3	9.37	403.5					

Well			Field		Job Start		Customer		Job Number	
SGU 8505C-25 F25 496 SGU 8505C-25 F25 496			N Piceance		Apr/04/2010		Encana Oil & Gas		308407	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/04/2010	07:31:16	317	6.3	9.37	403.6					
04/04/2010	07:31:18					Start Mixing Tail Slurry				
04/04/2010	07:31:18	322	6.3	9.36	403.8					
04/04/2010	07:36:15	348	7.7	9.31	440.0					
04/04/2010	07:41:15	348	7.7	9.33	478.5					
04/04/2010	07:46:15	320	7.7	9.28	517.0					
04/04/2010	07:51:15	311	7.7	9.27	555.6					
04/04/2010	07:51:40					Mudscale Balance = OK				
04/04/2010	07:51:40					Dry Wet Samples Taken				
04/04/2010	07:51:40	305	7.7	9.28	558.8					
04/04/2010	07:56:15	316	7.7	9.29	594.1					
04/04/2010	08:01:15	40	2.0	9.36	617.6					
04/04/2010	08:04:07					Good Returns @ 185 bbls away				
04/04/2010	08:04:07	397	7.7	9.36	630.0					
04/04/2010	08:06:15	381	7.8	9.29	646.5					
04/04/2010	08:11:15	74	3.0	9.17	681.7					
04/04/2010	08:16:15	312	7.6	9.16	711.5					
04/04/2010	08:21:15	367	8.0	9.21	750.6					
04/04/2010	08:26:15	359	7.9	9.25	791.0					
04/04/2010	08:31:15	434	7.8	9.31	830.6					
04/04/2010	08:36:15	361	8.0	9.18	870.1					
04/04/2010	08:41:15	409	8.0	9.16	910.1					
04/04/2010	08:45:31					End Tail Slurry				
04/04/2010	08:45:31	401	8.0	9.39	944.2					
04/04/2010	08:45:34					End Cement Slurry				
04/04/2010	08:45:34	401	8.0	9.40	944.6					
04/04/2010	08:45:45					Drop Top Plug on Fly				
04/04/2010	08:45:45	400	8.0	9.41	946.1					
04/04/2010	08:46:15	377	8.0	9.42	950.1					
04/04/2010	08:50:43					Start Displacement				
04/04/2010	08:50:43	140	4.4	8.53	971.0					
04/04/2010	08:51:15	132	4.4	8.53	973.4					
04/04/2010	08:52:06					Pump 5 bbl MudPush				
04/04/2010	08:52:06	137	4.4	8.55	977.2					
04/04/2010	08:52:07					Pump 230 bbl Total Disp.				
04/04/2010	08:52:07	135	4.4	8.55	977.3					
04/04/2010	08:52:39					Good Returns				
04/04/2010	08:52:39	243	6.4	8.53	980.3					
04/04/2010	08:56:15	267	6.4	8.58	1003.4					
04/04/2010	09:00:41					240 bbls Cement to Surface				
04/04/2010	09:00:41	384	7.9	8.53	1038.0					
04/04/2010	09:01:15	383	7.9	8.53	1042.5					
04/04/2010	09:06:15	407	7.9	8.53	1082.2					
04/04/2010	09:11:15	437	7.9	8.53	1121.9					
04/04/2010	09:16:15	235	4.1	8.53	1157.1					
04/04/2010	09:21:15	253	4.1	8.53	1177.7					
04/04/2010	09:26:15	216	2.0	8.53	1191.0					
04/04/2010	09:28:32					Bump Top Plug				
04/04/2010	09:28:32	1001	0.0	8.53	1194.3					
04/04/2010	09:28:34					End Displacement				
04/04/2010	09:28:34	1002	0.0	8.53	1194.3					
04/04/2010	09:31:15	-4	0.0	8.53	1194.3					
04/04/2010	09:32:10					Float Held - 1bbl back				
04/04/2010	09:32:10	-3	0.0	8.53	1194.3					

Well SGU 8505C-25 F25 496 SGU 8505C-25 F25 496	Field N Piceance	Job Start Apr/04/2010	Customer Encana Oil & Gas	Job Number 308407
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 7.0	N2	Mud	Maximum Rate 8.0	Total Slurry 558.0	Mud 160.0	Spacer 70.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3500	Final 1100	Average 300	Bump Plug to	Breakdown	Type FreshWater	Volume 741.0 bbl	Density 8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume 558.0 bbl		Displacement 230.0 bbl		Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 240.0 bbl	
Customer or Authorized Representative Norm McCready			Schlumberger Supervisor B. Farnham			Washed Thru Perfs <input type="checkbox"/>	To	
						Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	