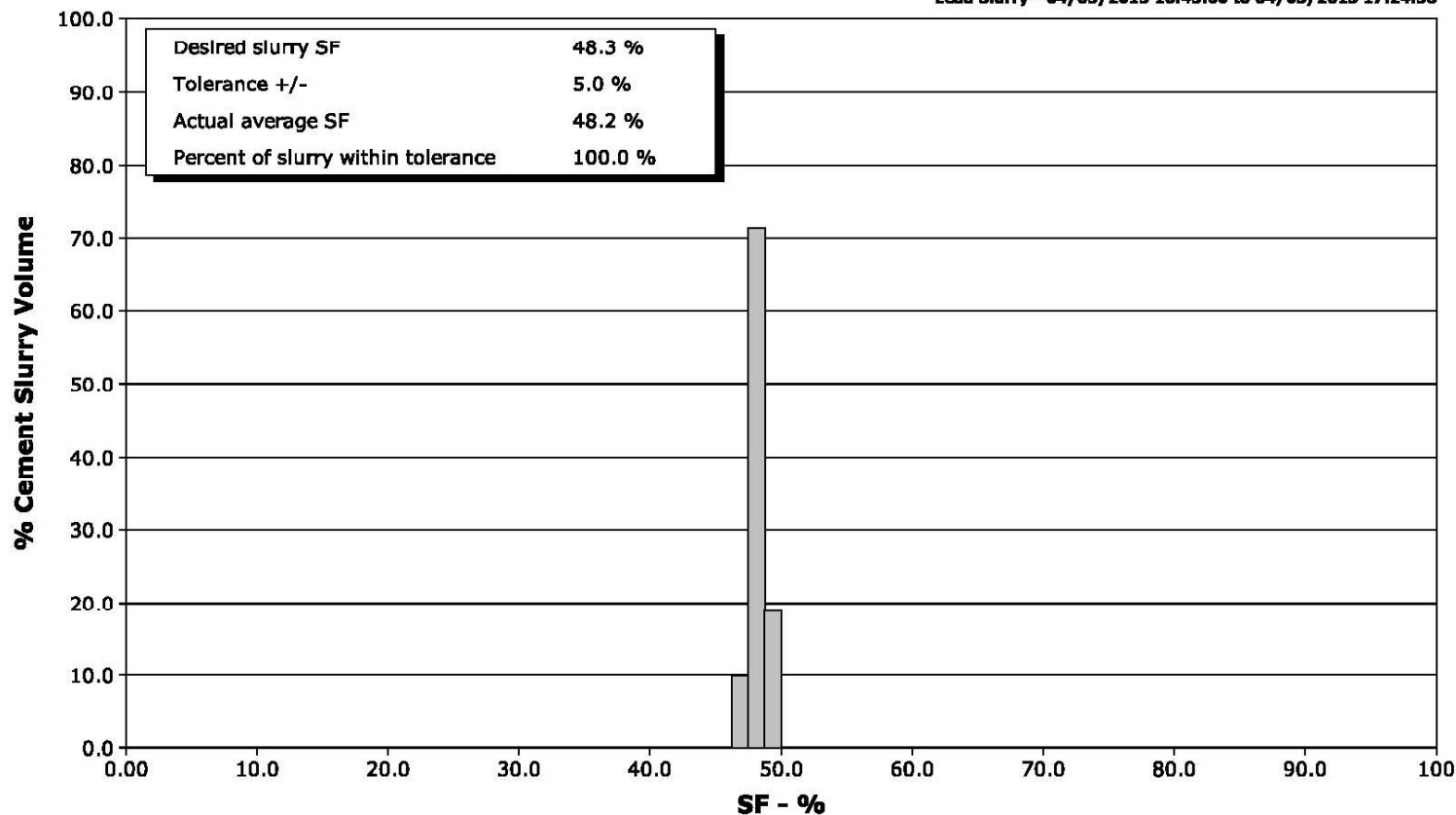


04/03/2013 21:21:47

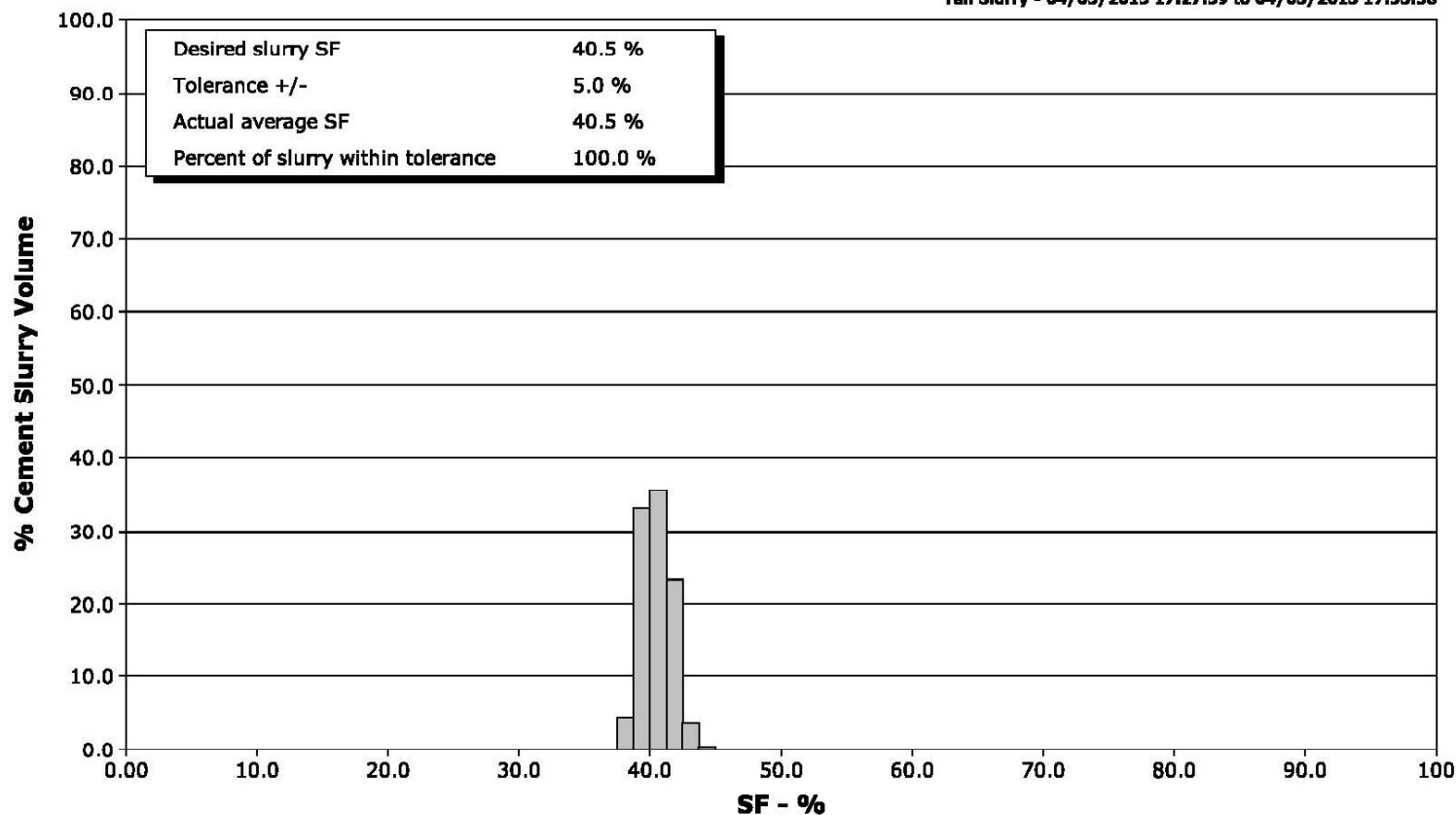
Well SG WD01D-30
Field Story Gulch
Engineer Jordan Moreland
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 04-03-2013

Lead Slurry - 04/03/2013 16:43:00 to 04/03/2013 17:24:38



Tail Slurry - 04/03/2013 17:27:39 to 04/03/2013 17:53:58



Cementing Service Report

				Customer Encana		Job Number C610-01209	
Well SG WD01D-30		Location (legal) N30		Schlumberger Location GCO		Job Start Apr/03/2013	
Field Story Gulch		Formation Name/Type Shale		Deviation 14.8 in		Well MD Well TVD	
County Garfield		State/Province Colorado		BHP		BHST 120 degF	
Well Master 0631452796		API/UWI		BHCT 90 degF		Pore Press. Gradient	
Rig Name Patterson 306		Drilled For Gas		Service Via Land		Casing/Liner	
Offshore Zone		Well Class New		Well Type Development		Depth, ft 3005.0	
						Size, in 9.630	
						Weight, lb/ft 36.0	
						Grade J55	
						Thread 8RD	
Drilling Fluid Type		Max. Density 8.75 lb/gal		Plastic Viscosity		Tubing/Drill Pipe	
Service Line Cementing		Job Type 9 5/8 Surface		Depth,		Size,	
				Weight,		Grade	
				Thread			
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole	
				Top,		Bottom,	
						No. of Shots	
						Total Interval	
						Diameter	
				Treat Down Casing		Displacement 229.0 bbl	
				Packer Type		Packer Depth	
				Tubing Vol.		Casing Vol. 231.0 bbl	
				Annular Vol. 382.0 bbl		Openhole Vol. 632.0 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 1487 psi		Shoe Type Guide		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3005.0 ft		Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs		Tool Depth	
Cement Head Type Single		Stage Tool Type		Stage Tool Depth		Tail Pipe Size	
Job Scheduled For Apr/03/2013		Arrived on Location Apr/03/2013		Leave Location Apr/03/2013		Collar Type Float	
						Collar Depth 2959.0 ft	
						Seq. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/03/2013	14:27:12					Started Acquisition	
04/03/2013	15:06:49	-1	0.0	8.34	0.0		
04/03/2013	15:06:50					80 bbl PressureNET	
04/03/2013	15:06:50					80 ZONELOCK	
04/03/2013	15:06:50					80 bbl PressureNET	
04/03/2013	15:06:50					80 ZONELOCK	
04/03/2013	15:06:50	-1	0.0	8.34	0.0		
04/03/2013	15:06:51					50 bbl MUDPUSH EXPRESS	
04/03/2013	15:06:51					717 sks 9.0 LiteCRETE	
04/03/2013	15:06:51					374 sks 10.0 LiteFIL	
04/03/2013	15:06:51					Displace 229 bbl Fresh Water	
04/03/2013	15:06:51					Rig Up Per Standard	
04/03/2013	15:06:51					Held Safety Meeting	
04/03/2013	15:06:51	-1	0.0	8.34	0.0		
04/03/2013	15:06:53					Start Job	
04/03/2013	15:06:53	-1	0.0	8.34	0.0		
04/03/2013	15:06:55					Pressure Test Lines	
04/03/2013	15:06:55	-1	0.0	8.34	0.0		
04/03/2013	15:06:56					Low Test 500 psi	
04/03/2013	15:06:56					Test Good	
04/03/2013	15:06:56	-1	0.0	8.34	0.0		

Well			Field	Job Start		Customer	Job Number
SG WD01D-30			Story Gulch	Apr/03/2013		Encana	C610-01209
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/03/2013	15:06:57					Test Good	
04/03/2013	15:06:57	-1	0.0	8.34	0.0		
04/03/2013	15:08:52	-1	0.0	8.34	0.0		
04/03/2013	15:13:02	-1	0.0	8.33	3.6		
04/03/2013	15:17:12	3134	0.0	8.33	3.7		
04/03/2013	15:21:22	170	5.4	8.33	11.0		
04/03/2013	15:24:47					Start Pumping Spacer	
04/03/2013	15:24:47	186	5.6	8.33	29.6		
04/03/2013	15:25:23					80 bbl PressureNET	
04/03/2013	15:25:23	174	5.4	8.33	32.9		
04/03/2013	15:25:26					Returns	
04/03/2013	15:25:26	192	5.4	8.33	33.2		
04/03/2013	15:25:32	175	5.4	8.33	33.7		
04/03/2013	15:29:42	52	5.4	8.33	55.6		
04/03/2013	15:33:52	72	5.4	8.33	78.4		
04/03/2013	15:35:15					End Spacer	
04/03/2013	15:35:15	68	5.4	8.36	85.9		
04/03/2013	15:35:18					10 bbl Water	
04/03/2013	15:35:18	67	5.4	8.33	86.2		
04/03/2013	15:35:19					20 bbl S001	
04/03/2013	15:35:19	67	5.4	8.33	86.3		
04/03/2013	15:37:29					10 bbl Water	
04/03/2013	15:37:29	116	5.4	9.34	98.1		
04/03/2013	15:38:02	118	5.6	9.10	101.1		
04/03/2013	15:42:12	102	5.4	8.32	123.8		
04/03/2013	15:46:22	147	5.6	9.83	145.8		
04/03/2013	15:48:45					30 bbl ZONELOCK	
04/03/2013	15:48:45	103	5.4	8.34	159.1		
04/03/2013	15:50:18					10 bbl Water	
04/03/2013	15:50:18	107	5.4	8.33	167.6		
04/03/2013	15:50:21					80 bbl PressureNET	
04/03/2013	15:50:21	123	5.4	8.33	167.8		
04/03/2013	15:50:22					Good Returns	
04/03/2013	15:50:22	79	5.6	8.33	167.9		
04/03/2013	15:50:32	105	5.4	8.33	168.8		
04/03/2013	15:54:42	118	5.4	8.33	191.6		
04/03/2013	15:58:52	96	5.4	8.33	214.3		
04/03/2013	16:03:02	102	5.4	8.33	237.0		
04/03/2013	16:03:24					10 bbl Water	
04/03/2013	16:03:24	84	5.4	8.33	239.0		
04/03/2013	16:03:26					20 bbl S001	
04/03/2013	16:03:26	46	5.4	8.33	239.2		
04/03/2013	16:03:27					10 bbl Water	
04/03/2013	16:03:27					30 bbl ZONELOCK	
04/03/2013	16:03:27	46	5.4	8.33	239.3		
04/03/2013	16:03:28					10 bbl Water	
04/03/2013	16:03:28	97	5.4	8.33	239.4		
04/03/2013	16:04:00					50 hbl MUDPUSH EXPRESS	
04/03/2013	16:04:00					10 lbs/bbl D097	
04/03/2013	16:04:00					Good Returns	
04/03/2013	16:04:00	79	5.6	8.33	242.3		
04/03/2013	16:07:12	102	5.4	8.40	259.8		
04/03/2013	16:11:22	148	5.8	9.39	281.7		
04/03/2013	16:15:32	212	5.2	9.84	303.4		

Well			Field		Job Start		Customer		Job Number	
SG WD01D-30			Story Gulch		Apr/03/2013		Encana		C610-01209	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/03/2013	16:23:52	11	1.9	8.32	324.5					
04/03/2013	16:27:00					Start Cement Slurry				
04/03/2013	16:27:00	106	5.5	8.80	333.1					
04/03/2013	16:28:02	107	5.6	8.89	338.8					
04/03/2013	16:32:12	95	5.4	8.58	361.9					
04/03/2013	16:36:22	91	5.4	8.65	384.3					
04/03/2013	16:40:32	351	7.6	9.01	411.9					
04/03/2013	16:43:00					Start Mixing Lead Slurry				
04/03/2013	16:43:00	393	7.7	9.02	430.8					
04/03/2013	16:43:28					Wet Dry Samples				
04/03/2013	16:43:28	461	7.7	9.02	434.4					
04/03/2013	16:43:29					Test = 9.0 ppg				
04/03/2013	16:43:29					Good Returns				
04/03/2013	16:43:29					374 bbl 9.0 LiteCRETE				
04/03/2013	16:43:29	461	7.7	9.03	434.5					
04/03/2013	16:44:42	448	7.7	9.04	443.9					
04/03/2013	16:48:52	431	7.6	9.05	475.9					
04/03/2013	16:53:02	471	7.6	9.04	507.7					
04/03/2013	16:57:12	467	7.6	9.04	539.4					
04/03/2013	17:01:22	487	7.5	9.02	570.9					
04/03/2013	17:05:32	384	7.5	9.03	602.3					
04/03/2013	17:09:42	363	7.5	9.06	633.5					
04/03/2013	17:13:52	378	7.5	9.21	664.5					
04/03/2013	17:18:02	344	7.5	9.13	695.6					
04/03/2013	17:22:12	521	7.4	9.10	726.6					
04/03/2013	17:24:38					End Lead Slurry				
04/03/2013	17:24:38	513	7.4	9.10	744.6					
04/03/2013	17:26:22	479	7.4	9.09	757.5					
04/03/2013	17:27:39					Start Mixing Tail Slurry				
04/03/2013	17:27:39	394	7.4	9.38	766.9					
04/03/2013	17:27:41					Wet Dry Samples				
04/03/2013	17:27:41					Test = 10.0 ppg				
04/03/2013	17:27:41					Good Returns				
04/03/2013	17:27:41					186 bbl 10.0 LiteFIL				
04/03/2013	17:27:41	314	7.4	9.40	767.2					
04/03/2013	17:30:32	382	7.4	10.06	788.3					
04/03/2013	17:34:42	404	7.3	10.08	819.0					
04/03/2013	17:38:52	306	7.4	10.06	849.4					
04/03/2013	17:43:02	293	7.4	10.18	880.1					
04/03/2013	17:47:12	396	7.4	10.13	911.1					
04/03/2013	17:51:22	283	7.4	10.18	942.0					
04/03/2013	17:53:58					End Tail Slurry				
04/03/2013	17:53:58	304	7.5	10.04	961.3					
04/03/2013	17:54:00					End Cement Slurry				
04/03/2013	17:54:00	303	7.5	10.04	961.6					
04/03/2013	17:55:32	-45	0.0	10.08	970.8					
04/03/2013	17:59:42	-26	0.0	10.16	970.8					
04/03/2013	18:00:50					Drop Top Plug				
04/03/2013	18:00:50	-35	0.0	10.78	970.8					
04/03/2013	18:02:08					Start Displacement				
04/03/2013	18:02:08	-10	2.5	9.11	973.7					
04/03/2013	18:02:10					229 bbl Fresh Water				
04/03/2013	18:02:10	21	2.5	9.11	973.7					
04/03/2013	18:02:11					Good Returns				

Well			Field		Job Start		Customer		Job Number	
SG WD01D-30			Story Gulch		Apr/03/2013		Encana		C610-01209	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/03/2013	18:03:52	26	2.9	9.02	978.6					
04/03/2013	18:08:02	51	4.5	8.29	994.7					
04/03/2013	18:12:12	203	7.5	8.32	1015.8					
04/03/2013	18:16:22	322	7.6	8.33	1047.2					
04/03/2013	18:20:32	265	7.6	8.33	1078.7					
04/03/2013	18:24:42	381	7.6	8.33	1110.2					
04/03/2013	18:28:52	415	7.6	8.33	1141.9					
04/03/2013	18:33:02	409	7.8	8.33	1171.1					
04/03/2013	18:37:12	348	5.2	8.33	1199.0					
04/03/2013	18:41:22	269	2.2	8.33	1209.9					
04/03/2013	18:44:36					Bump Top Plug				
04/03/2013	18:44:36	855	0.0	8.33	1213.8					
04/03/2013	18:44:37					End Displacement				
04/03/2013	18:44:37	855	0.0	8.33	1213.8					
04/03/2013	18:45:32	855	0.0	8.33	1213.8					
04/03/2013	18:49:42	855	0.0	8.33	1213.9					
04/03/2013	18:53:38					Bleed Off Check Floats				
04/03/2013	18:53:38					Floats Held				
04/03/2013	18:53:38					3/4 bbl Back				
04/03/2013	18:53:38					328 bbl Cement To Surface				
04/03/2013	18:53:38	-43	0.0	8.33	1213.9					
04/03/2013	18:53:52	-44	0.0	8.33	1213.9					
04/03/2013	18:58:02	-43	0.0	8.33	1214.0					
04/03/2013	19:02:12	841	0.0	8.33	1214.3					
04/03/2013	19:06:22	197	5.6	8.34	1224.3					
04/03/2013	19:10:32	220	5.6	8.33	1247.8					
04/03/2013	19:14:42	-44	0.0	8.33	1263.4					
04/03/2013	19:18:52	-31	0.0	8.33	1267.4					
04/03/2013	19:22:54					Pump Out Rig Flow Line				
04/03/2013	19:22:54					Wait To Pump Parisite				
04/03/2013	19:22:54	-41	0.5	8.34	1271.7					
04/03/2013	19:23:02	13	1.9	8.34	1271.9					
04/03/2013	19:27:12	-43	0.0	8.34	1281.2					
04/03/2013	19:31:22	-43	0.0	8.34	1281.3					
04/03/2013	19:35:32	-43	0.0	8.34	1281.3					
04/03/2013	19:39:42	-43	0.0	8.34	1281.4					
04/03/2013	19:43:52	-43	0.0	8.34	1281.5					
04/03/2013	19:48:02	-43	0.0	8.34	1281.5					
04/03/2013	19:52:12	-43	0.0	8.34	1281.6					
04/03/2013	19:56:22	-43	0.0	8.34	1281.6					
04/03/2013	20:00:32	-43	0.0	8.34	1281.7					
04/03/2013	20:04:42	-42	0.0	8.34	1281.7					
04/03/2013	20:08:52	-42	0.0	8.34	1281.8					
04/03/2013	20:13:02	-42	0.0	8.34	1281.9					
04/03/2013	20:17:12	-42	0.0	8.34	1281.9					
04/03/2013	20:21:22	-42	0.0	8.34	1282.0					
04/03/2013	20:25:32	-43	0.0	8.34	1282.0					
04/03/2013	20:29:42	-42	0.0	8.34	1282.1					
04/03/2013	20:33:52	-41	0.0	8.34	1282.2					
04/03/2013	20:38:02	-42	0.0	8.34	1282.2					
04/03/2013	20:42:12	-43	0.0	8.34	1282.3					
04/03/2013	20:46:22	-42	0.0	8.34	1282.3					
04/03/2013	20:50:32	-42	0.0	8.34	1282.4					
04/03/2013	20:54:42	-42	0.0	8.34	1282.5					

Well			Field		Job Start	Customer		Job Number	
SG WD01D-30			Story Gulch		Apr/03/2013	Encana		C610-01209	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/03/2013	21:03:02	-29	2.4	8.43	1284.1				
04/03/2013	21:07:12	182	1.4	8.34	1292.4				
04/03/2013	21:09:40					Pump Parasite Line			
04/03/2013	21:09:40					12 bbl Sugar Water			
04/03/2013	21:09:40					Rig Down			
04/03/2013	21:09:40	-51	0.0	8.34	1293.9				
04/03/2013	21:09:41					End Job			
04/03/2013	21:09:41	-51	0.0	8.34	1293.9				

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to 900	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume
						Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative James Retherford				Schlumberger Supervisor Jordan Moreland			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
							-	-