

Well FT Lupton Highlands 32-9

Field DJ

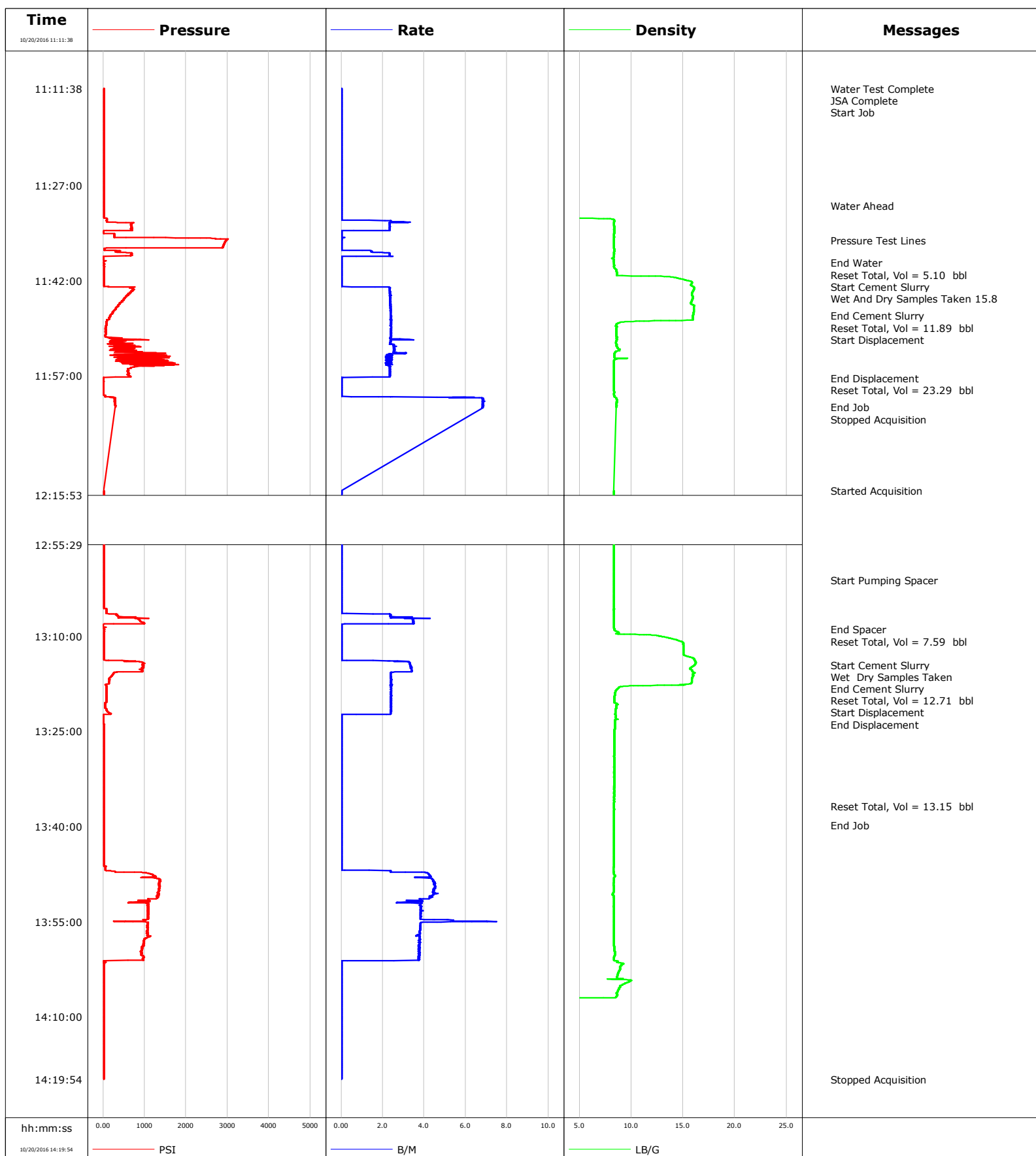
Engineer Wayne Silvester

Country United States

Client Anadarko

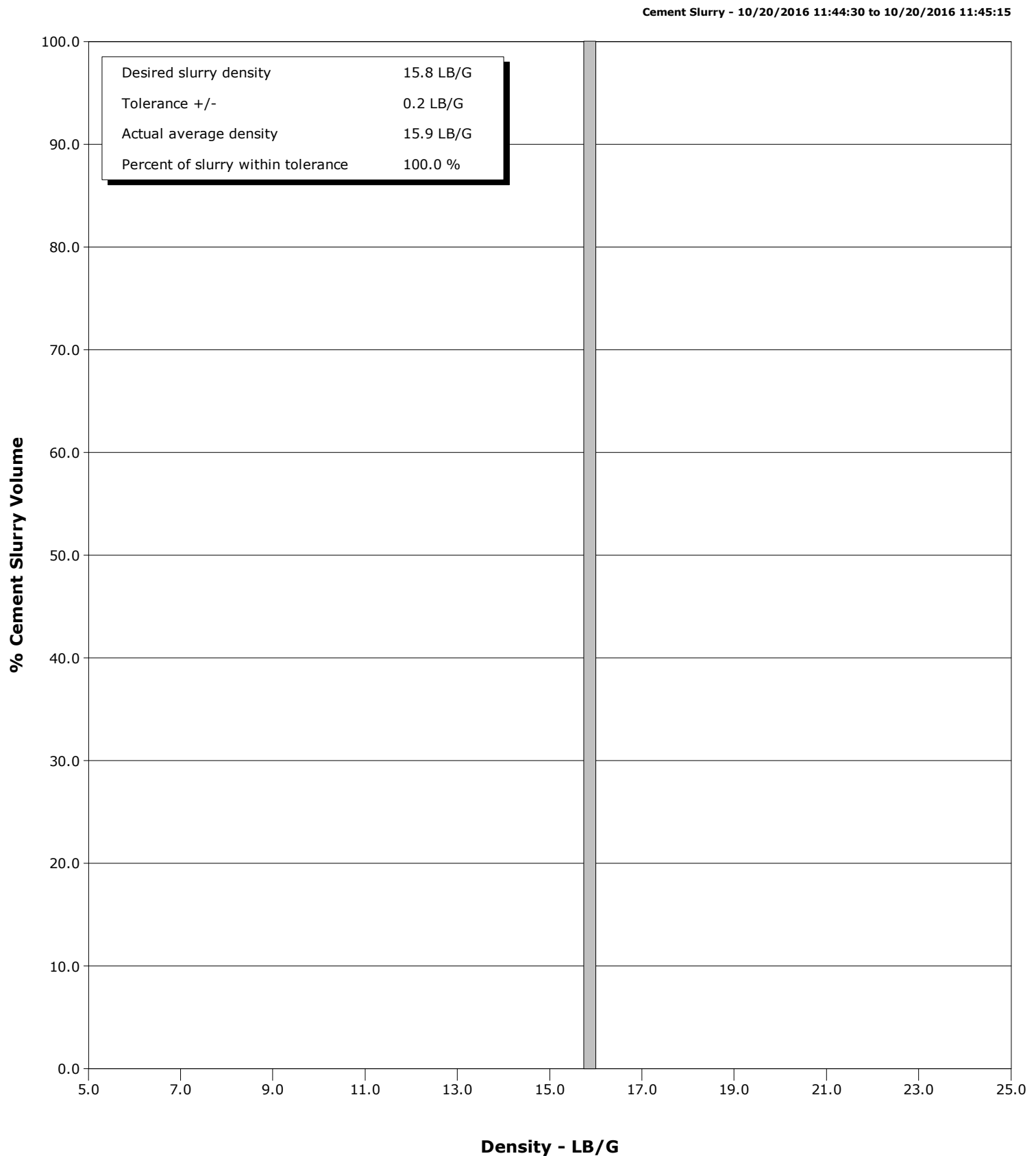
SIR No. D9PE-00005

Job Type Nio Sussex Plug

Job Date 10-20-2016


Well FT Lupton Highlands 32-9
Field DJ
Engineer Wayne Silvester
Country United States

Client Anadarko
SIR No. D9PE-00005
Job Type Nio Sussex Plug
Job Date 10-20-2016



				Customer Anadarko			Job Number D9PE-00005		
Well FT Lupton Highlands 32-9		Location (legal) 217304		Schlumberger Location Cheyenne			Job Start Oct/20/2016		
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 7460.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 220 degF		BHCT 210 degF	
Well Master 0630806911		API/UWI 05123238200000						Pore Press. Gradient lb/gal	
Rig Name Workover		Drilled For Oil & Gas		Service Via Land		Casing/ Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
Offshore Zone		Well Class Old		Well Type Other		7460.0		4.5	
						11.6		N/A	
						4870.0		4.5	
						11.6		N/A	
Drilling Fluid Type		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 Nio & Sussex Plug				T		7460.0	
						2.4		4.7	
						T		4870.0	
						2.4		4.7	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
						ft		ft	
						ft		ft	
						ft		ft	
						Treat Down Tubing		Displacement bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. bbl	
						Annular Vol. bbl		Openhole Vol. 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 psi						Shoe Type		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft		Tool Type	
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type						Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Oct/20/2016		Arrived on Location Oct/20/2016		Leave Location Oct/20/2016		Collar Type		Tail Pipe Depth ft	
						Collar Depth ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
10/20/2016	11:11:38	0.0	-0.00	0.0	13	Water Test Taken			
10/20/2016	11:11:39	0.0	-0.00	0.0	13	Water Test Complete			
10/20/2016	11:11:41	0.0	-0.00	0.0	13	Start Job			
10/20/2016	11:16:39	0.0	-0.00	0.0	13				
10/20/2016	11:21:40	0.0	-0.00	0.0	13				
10/20/2016	11:26:41	0.0	-0.00	0.0	13				
10/20/2016	11:30:12	0.0	-0.00	0.0	17	Water Ahead			
10/20/2016	11:31:42	0.0	-0.00	0.0	13				
10/20/2016	11:35:41	0.0	8.35	4.2	2965	Pressure Test Lines			
10/20/2016	11:36:43	0.0	8.35	4.2	2888				
10/20/2016	11:39:13	0.0	8.34	6.3	8	End Water			
10/20/2016	11:39:14	0.0	8.34	6.3	8	Reset Total, Vol = 5.10 bbl			
10/20/2016	11:41:44	0.0	14.78	6.3	17				
10/20/2016	11:42:11	0.0	15.83	6.3	13	Start Cement Slurry			
10/20/2016	11:44:14	2.3	15.82	9.2	599	Wet And Dry Samples Taken 15.8			
10/20/2016	11:46:45	2.4	16.01	15.2	265				
10/20/2016	11:47:35	2.4	15.92	17.2	187	End Cement Slurry			
10/20/2016	11:47:36	2.4	15.92	17.2	178	Reset Total, Vol = 11.89 bbl			
10/20/2016	11:48:21	2.4	12.88	19.1	86	Start Displacement			
10/20/2016	11:51:46	2.4	8.50	27.9	480				
10/20/2016	11:56:47	2.4	8.35	40.8	608				

Well			Field		Job Start		Customer		Job Number	
FT Lupton Highlands 32-9			DJ		Oct/20/2016		Anadarko		D9PE-00005	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message				
10/20/2016	11:57:25	0.0	8.35	42.0	4	Reset Total, Vol = 23.29 bbl				
10/20/2016	12:01:48	6.8	8.56	52.1	306					
10/20/2016	12:02:01	6.8	8.56	53.6	287	End Job				
10/20/2016	12:02:03	6.9	8.54	53.9	292	Stopped Acquisition				
10/20/2016	12:16:51	0.0	8.34	53.9	17					
10/20/2016	12:21:52	0.0	8.34	53.9	17					
10/20/2016	12:26:53	0.0	8.34	53.9	17					
10/20/2016	12:56:59	0.0	8.34	0.0	17					
10/20/2016	13:01:07	0.0	8.35	0.0	17	Start Pumping Spacer				
10/20/2016	13:02:00	0.0	8.35	0.0	17					
10/20/2016	13:08:53	0.0	8.38	7.6	36	End Spacer				
10/20/2016	13:09:32	0.0	8.74	7.6	17	Reset Total, Vol = 7.59 bbl				
10/20/2016	13:12:02	0.0	15.04	7.6	17					
10/20/2016	13:14:31	3.3	16.10	9.9	942	Start Cement Slurry				
10/20/2016	13:16:21	2.4	15.93	15.4	196	Wet Dry Samples Taken				
10/20/2016	13:17:03	2.4	15.84	17.1	146					
10/20/2016	13:17:42	2.4	13.92	18.7	63	End Cement Slurry				
10/20/2016	13:17:44	2.4	12.52	18.8	72	Start Displacement				
10/20/2016	13:22:04	2.4	8.47	30.8	150					
10/20/2016	13:22:35	0.0	8.51	31.5	4	End Displacement				
10/20/2016	13:27:05	0.0	8.38	31.5	13					
10/20/2016	13:32:06	0.0	8.35	61.4	13					
10/20/2016	13:36:44	0.0	8.35	104.1	13	Reset Total, Vol = 13.15 bbl				
10/20/2016	13:37:07	0.0	8.35	107.6	13					
10/20/2016	13:39:46	0.0	8.34	132.0	13	End Job				
10/20/2016	13:42:08	0.0	8.33	153.8	13					
10/20/2016	13:47:09	2.4	8.31	185.5	297					
10/20/2016	13:52:10	3.9	8.35	209.4	1093					
10/20/2016	13:57:11	3.6	8.35	230.7	1089					
10/20/2016	14:02:12	0.0	8.89	246.0	17					
10/20/2016	14:07:13	0.0	0.65	246.7	17					
10/20/2016	14:12:14	0.0	-0.00	246.7	13					
10/20/2016	14:17:15	0.0	-0.00	246.7	17					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.4	N2	Mud	Maximum Rate 7.0	Total Slurry 24.5	Mud 0.0	Spacer 14.4	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1391	Final 17	Average 238	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 24.7 bbl		Displacement 36.7 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
Traux Deal			Wayne Silvester			-	-	

Well FT Lupton Highland 32-9

Field DJ

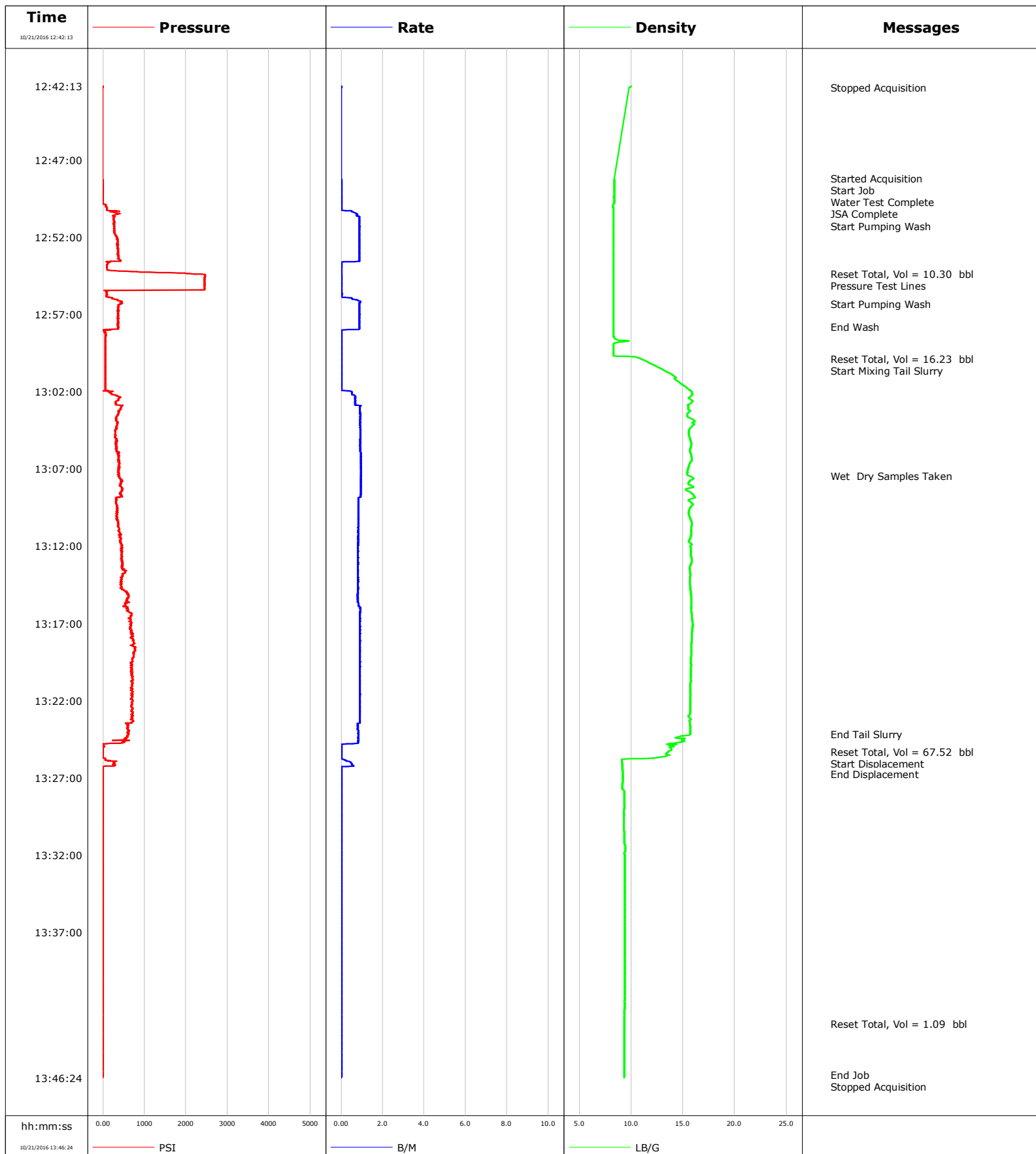
Engineer Wayne Silvester

Country United States

Client Anadarko

SIR No. D9PE-00007

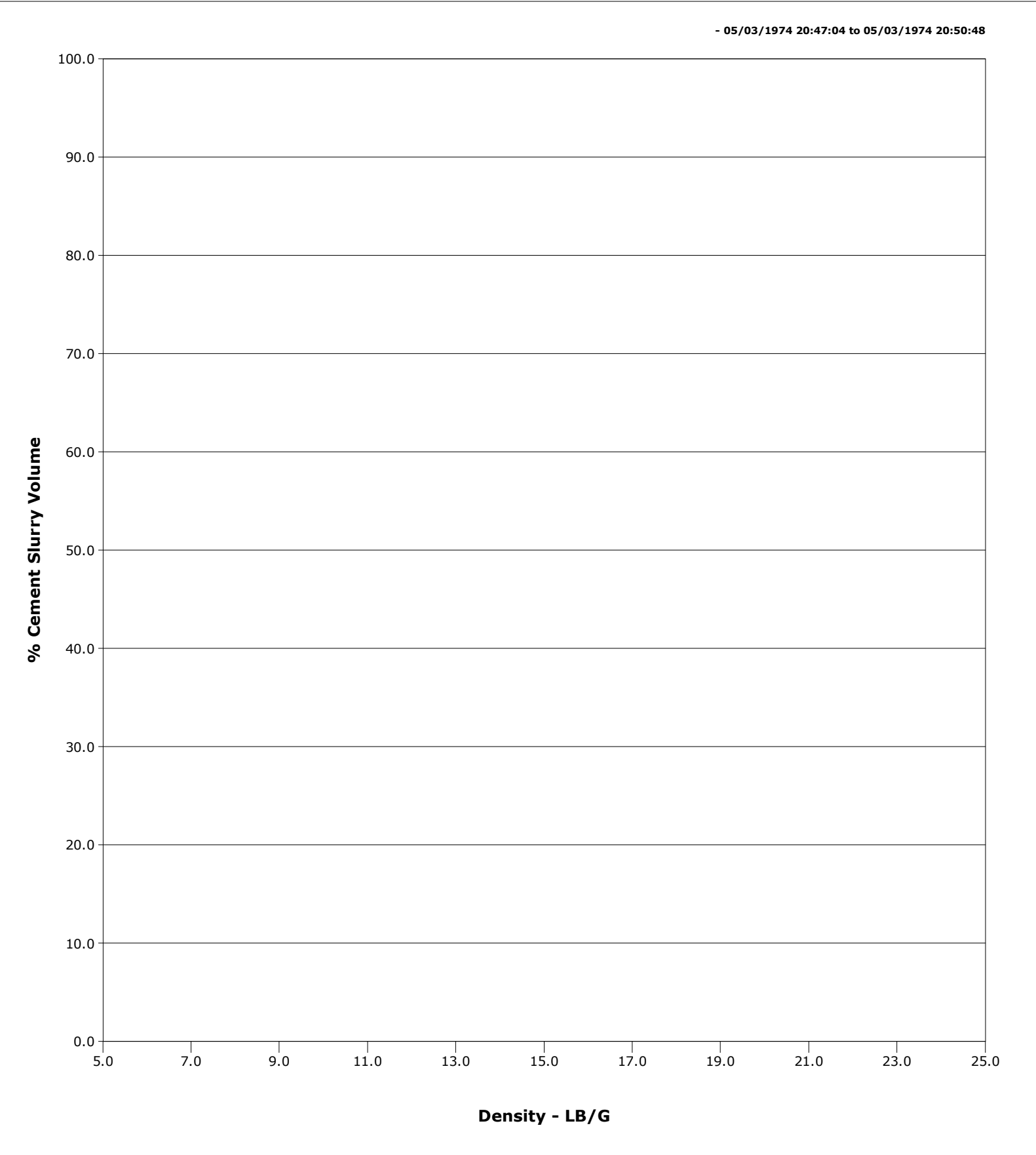
Job Type Stub Plug

Job Date 10-21-2016




Cementing Qa/Qc Density Report

Well	FT Lupton Highland 32-9	Client	Anadarko
Field	DJ	SIR No.	D9PE-00007
Engineer	Wayne Silvester	Job Type	Stub Plug
Country	United States	Job Date	10-21-2016



Cementing Service Report

				Customer Anadarko			Job Number D9PE-00007				
Well FT Lupton Highland 32-9			Location (legal) 217304			Schlumberger Location Cheyenne			Job Start Oct/21/2016		
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 1700.0 ft		Well TVD 1700.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal	
Well Master 0630806911		API/UWI 05123238200000									
Rig Name Workover		Drilled For Oil and Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Other		1700.0		4.5		11.6	
						1096.0		8.6		24.0	
										N/A	
										N/A	
Drilling Fluid Type		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 Stub Plug				T		1700.0		2.4	
										4.7	
										N/A	
										N/A	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval	
						ft		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
						Treat Down Tubing		Displacement 1.0 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. 2.0 bbl		Casing Vol. bbl		Annular Vol. bbl	
										Openhole Vol. 30.3 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 psi						Shoe Type		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft		Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth ft			
Cement Head Type						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Oct/21/2016		Arrived on Location Oct/21/2016		Leave Location Oct/21/2016		Collar Type		Tail Pipe Depth ft			
						Collar Depth ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message					
10/21/2016	12:42:13	0.0	10.02	0.0	-1	Started Acquisition					
10/21/2016	12:42:20	0.0	9.80	0.0	-1	Stopped Acquisition					
10/21/2016	12:48:18	0.0	8.38	0.0	-1	Start Job					
10/21/2016	12:48:20	0.0	8.38	0.0	-1	Water Test Complete					
10/21/2016	12:48:22	0.0	8.38	0.0	-1	Start Pumping Wash					
10/21/2016	12:52:15	0.9	8.28	6.3	352						
10/21/2016	12:54:22	0.0	8.28	10.3	2032	Reset Total, Vol = 10.30 bbl					
10/21/2016	12:54:41	0.0	8.28	10.3	2448	Pressure Test Lines					
10/21/2016	12:56:19	0.9	8.28	11.4	452	Start Pumping Wash					
10/21/2016	12:57:16	0.9	8.28	14.2	374						
10/21/2016	12:57:50	0.9	8.28	15.9	379	End Wash					
10/21/2016	12:59:53	0.0	10.94	16.5	49	Reset Total, Vol = 16.23 bbl					
10/21/2016	12:59:56	0.0	11.11	16.5	49	Start Mixing Tail Slurry					
10/21/2016	13:02:17	0.7	15.78	16.6	333						
10/21/2016	13:07:18	1.0	15.37	31.7	384						
10/21/2016	13:07:26	0.9	15.50	32.2	388	Wet Dry Samples Taken					
10/21/2016	13:12:19	0.8	15.75	46.7	443						
10/21/2016	13:17:20	0.9	15.89	61.0	677						
10/21/2016	13:22:21	0.9	15.69	76.2	690						
10/21/2016	13:24:10	0.8	15.71	81.5	599	End Tail Slurry					
10/21/2016	13:25:19	0.0	13.57	84.0	-1	Reset Total, Vol = 67.52 bbl					

Well			Field		Job Start	Customer		Job Number	
FT Lupton Highland 32-9			DJ		Oct/21/2016	Anadarko		D9PE-00007	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
10/21/2016	13:26:45	0.0	9.18	85.2	-5	End Displacement			
10/21/2016	13:27:22	0.0	9.16	85.3	-5				
10/21/2016	13:32:23	0.0	9.37	104.6	-1				
10/21/2016	13:37:24	0.0	9.37	128.6	-1				
10/21/2016	13:42:25	0.0	9.35	152.7	-1				
10/21/2016	13:42:56	0.0	9.35	155.1	-1	Reset Total, Vol = 1.09 bbl			
10/21/2016	13:46:12	0.0	9.34	170.7	-1	End Job			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.2	N2	Mud	Maximum Rate 6.3	Total Slurry 67.5	Mud 0.0	Spacer 16.3	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2476	Final -1	Average 466	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 65.0 bbl		Displacement 1.1 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Traux Deal			Schlumberger Supervisor Wayne Silvester			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	