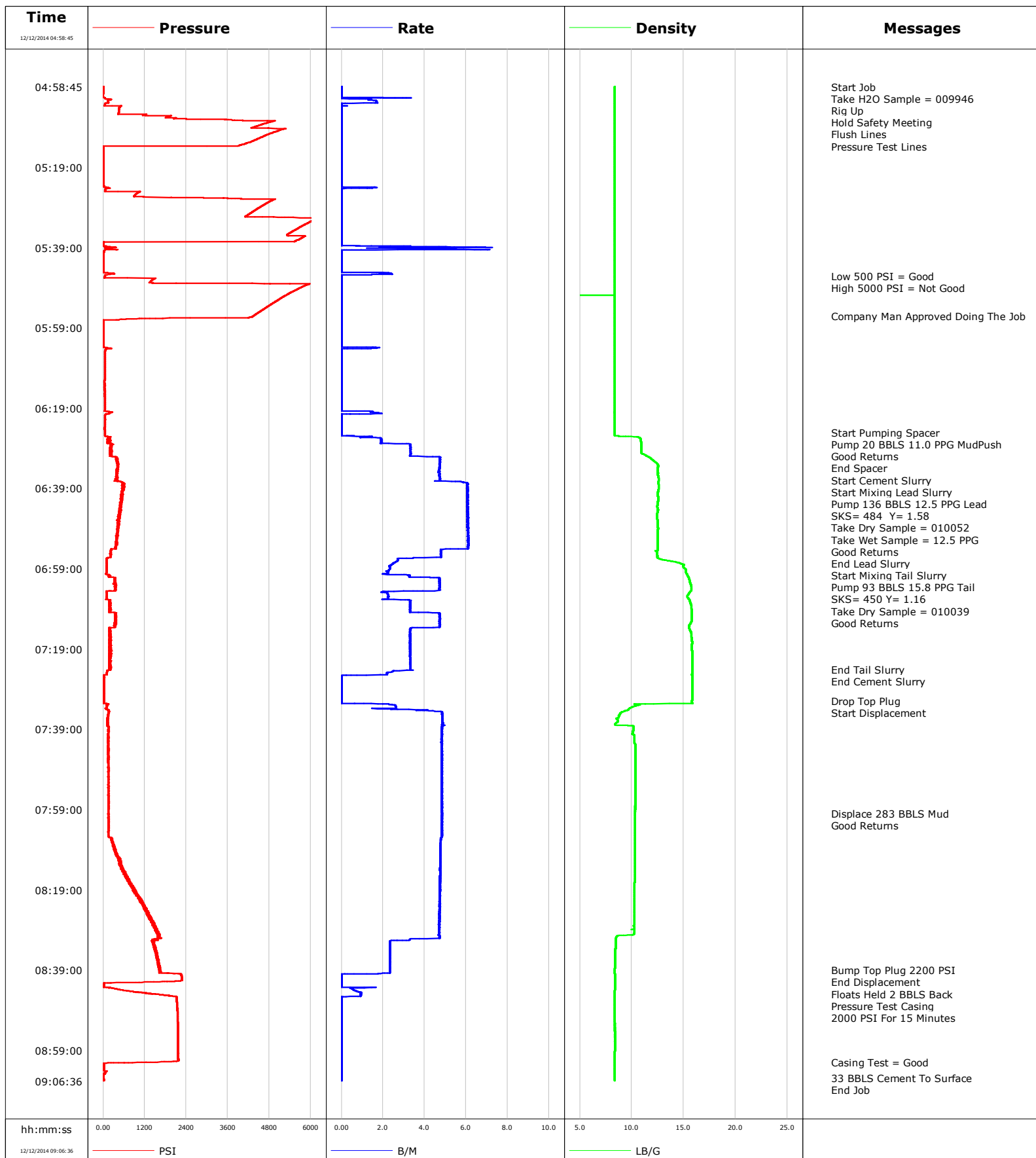


Well Windsor LV C-14H
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

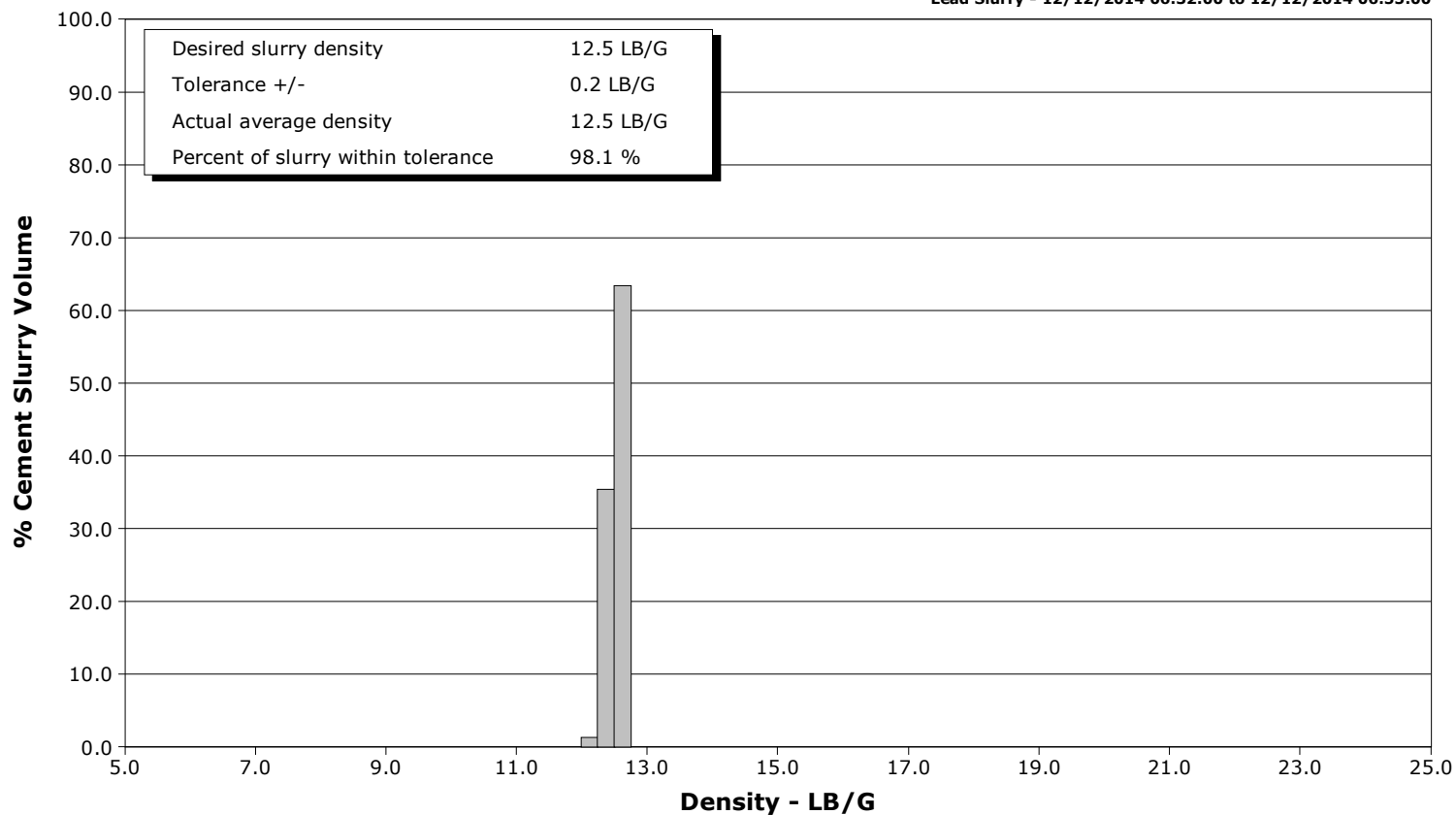
Client Extraction Oil Gas
SIR No. 2070862
Job Type 7" Intermediate
Job Date 12-12-2014



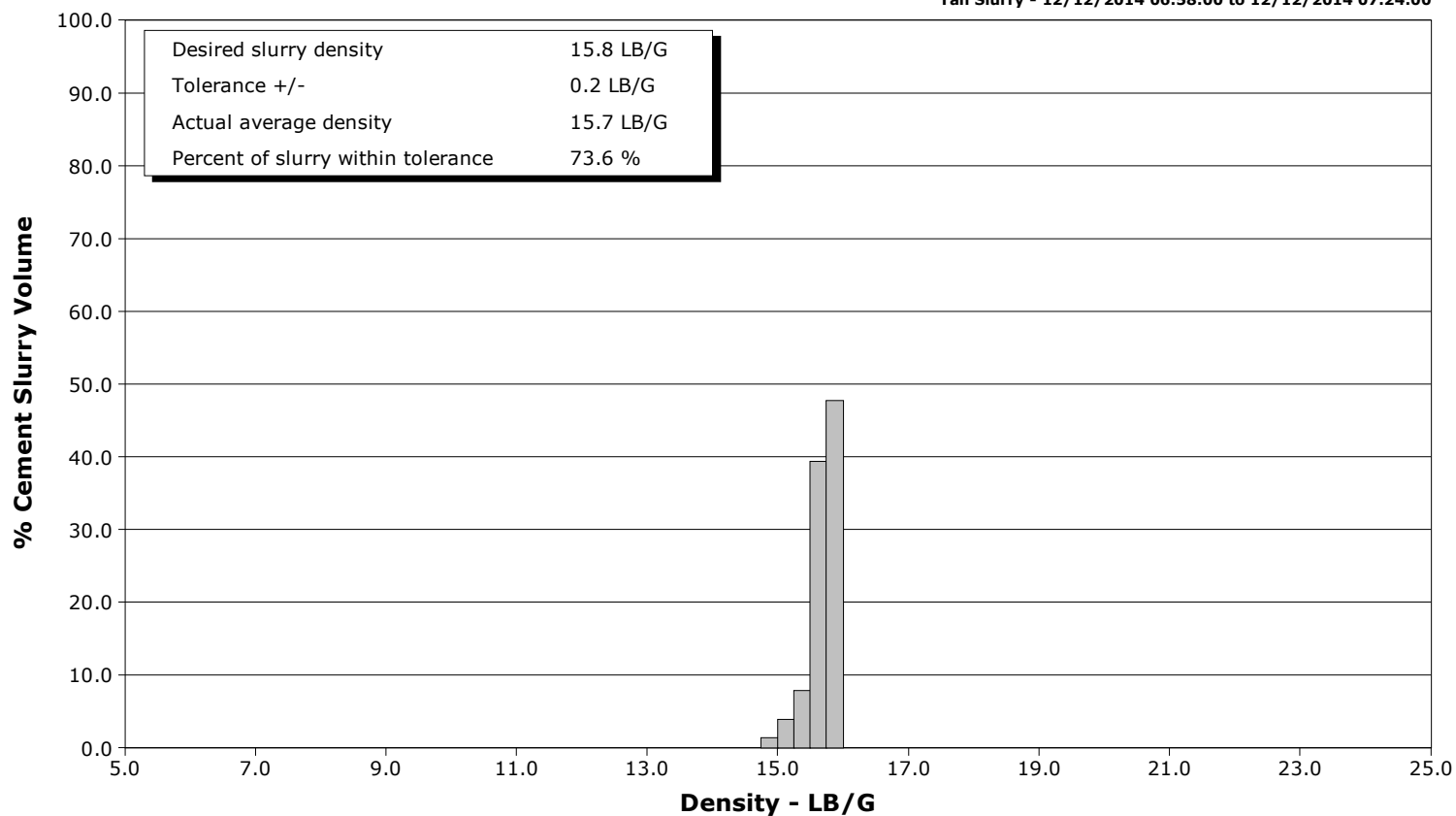
Well Windsor LV C-14H
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

Client Extraction Oil Gas
SIR No. 2070862
Job Type 7" Intermediate
Job Date 12-12-2014

Lead Slurry - 12/12/2014 06:32:00 to 12/12/2014 06:55:00



Tail Slurry - 12/12/2014 06:58:00 to 12/12/2014 07:24:00



Cementing Service Report

				Customer Extraction Oil & Gas			Job Number 2070862				
Well Windsor LV C-14H LV C-14H			Location (legal) CWY			Schlumberger Location CWY			Job Start Dec/12/2014		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 8.8 in		Well MD 7384.0 ft		Well TVD 7040.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 207 degF		BHCT 170 degF		Pore Press. Gradient lb/gal	
Well Master 0631610084		API/UWI									
Rig Name H&P 319		Drilled For Oil		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		700.0		9.6		36.0	
						7384.0		7.0		26.0	
										K55	
										8RD	
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 7" Intermediate									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press 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		Diameter in	
						ft		ft			
						Treat Down Casing		Displacement 283.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 285.0 bbl		Annular Vol. 202.0 bbl	
										Openhole Vol. 489.0 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 5035 psi				Shoe Type Guide				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 7453.0 ft				Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Dec/11/2014 23:00		Arrived on Location Dec/11/2014 23:00		Leave Location Dec/12/2014 10:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 7408.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
12/12/2014	04:58:45	2	0.0	8.36	0.0	Started Acquisition					
12/12/2014	04:58:46	3	0.0	8.36	0.0	Start Job					
12/12/2014	04:58:47	1	0.0	8.36	0.0	Take H2O Sample = 009946					
12/12/2014	04:58:53	3	0.0	8.36	0.0	Rig Up					
12/12/2014	04:58:54	2	0.0	8.36	0.0	Hold Safety Meeting					
12/12/2014	04:59:02	2	0.0	8.37	0.0	Pressure Test Lines					
12/12/2014	05:00:15	2	0.0	8.36	0.0						
12/12/2014	05:01:45	54	0.4	8.37	0.4						
12/12/2014	05:03:15	47	0.0	8.36	2.1						
12/12/2014	05:04:45	454	0.0	8.36	2.1						
12/12/2014	05:06:15	1919	0.0	8.36	2.1						
12/12/2014	05:07:45	4787	0.0	8.36	2.1						
12/12/2014	05:09:15	5028	0.0	8.36	2.1						
12/12/2014	05:10:45	4759	0.0	8.36	2.1						
12/12/2014	05:12:15	4359	0.0	8.36	2.1						
12/12/2014	05:13:45	11	0.0	8.36	2.1						
12/12/2014	05:15:15	7	0.0	8.36	2.1						
12/12/2014	05:16:45	5	0.0	8.36	2.1						
12/12/2014	05:18:15	5	0.0	8.36	2.1						
12/12/2014	05:19:45	4	0.0	8.36	2.1						
12/12/2014	05:21:15	4	0.0	8.36	2.1						

Well			Field		Job Start		Customer		Job Number	
Windsor LV C-14H LV C-14H			Wattenberg		Dec/12/2014		Extraction Oil & Gas		2070862	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
12/12/2014	05:24:15	85		0.0	8.36		2.6			
12/12/2014	05:25:45	935		0.0	8.36		2.6			
12/12/2014	05:27:15	4862		0.0	8.36		2.6			
12/12/2014	05:28:45	4557		0.0	8.36		2.6			
12/12/2014	05:30:15	4279		0.0	8.36		2.6			
12/12/2014	05:31:45	6162		0.0	8.36		2.6			
12/12/2014	05:33:15	5815		0.0	8.36		2.6			
12/12/2014	05:34:45	5502		0.0	8.36		2.6			
12/12/2014	05:36:15	5799		0.0	8.36		2.6			
12/12/2014	05:37:45	13		0.0	8.36		2.6			
12/12/2014	05:39:15	250		5.5	8.36		5.3			
12/12/2014	05:40:45	8		0.0	8.36		6.8			
12/12/2014	05:42:15	3		0.0	8.36		6.8			
12/12/2014	05:43:45	3		0.0	8.36		6.8			
12/12/2014	05:45:15	129		2.3	8.37		7.1			
12/12/2014	05:46:00	50		0.0	8.36		8.1	Low 500 PSI = Good		
12/12/2014	05:46:45	1466		0.0	8.36		8.1			
12/12/2014	05:47:00	1420		0.0	8.36		8.1	High 5000 PSI = Not Good		
12/12/2014	05:48:15	5880		0.0	8.36		8.1			
12/12/2014	05:49:45	5515		0.0	8.36		8.1			
12/12/2014	05:51:15	5197		0.0	8.36		8.1			
12/12/2014	05:52:45	4915		0.0	8.36		8.1			
12/12/2014	05:54:15	4648		0.0	8.37		8.1			
12/12/2014	05:55:45	4381		0.0	8.37		8.1			
12/12/2014	05:56:00	4338		0.0	8.37		8.1	Company Man Approved Doing The Job		
12/12/2014	05:57:15	9		0.0	8.37		8.1			
12/12/2014	05:58:45	7		0.0	8.37		8.1			
12/12/2014	06:00:15	13		0.0	8.37		8.1			
12/12/2014	06:01:45	6		0.0	8.37		8.1			
12/12/2014	06:03:15	7		0.0	8.37		8.1			
12/12/2014	06:04:45	55		0.0	8.36		8.7			
12/12/2014	06:06:15	46		0.0	8.37		8.7			
12/12/2014	06:07:45	45		0.0	8.36		8.7			
12/12/2014	06:09:15	44		0.0	8.36		8.7			
12/12/2014	06:10:45	45		0.0	8.37		8.7			
12/12/2014	06:12:15	42		0.0	8.37		8.7			
12/12/2014	06:13:45	42		0.0	8.37		8.7			
12/12/2014	06:15:15	43		0.0	8.37		8.7			
12/12/2014	06:16:45	43		0.0	8.37		8.7			
12/12/2014	06:18:15	46		0.0	8.37		8.7			
12/12/2014	06:19:45	82		1.4	8.37		8.8			
12/12/2014	06:21:15	47		0.0	8.36		9.9			
12/12/2014	06:22:45	44		0.0	8.36		0.0			
12/12/2014	06:24:15	43		0.0	8.36		0.0			
12/12/2014	06:25:00	49		0.0	8.36		0.0	Start Pumping Spacer		
12/12/2014	06:25:45	47		0.0	8.36		0.0			
12/12/2014	06:26:00	133		1.5	9.43		0.1	Pump 20 BBLS 11.0 PPG MudPush		
12/12/2014	06:27:00	136		1.9	10.87		1.7	Good Returns		
12/12/2014	06:27:15	152		1.9	10.90		2.2			
12/12/2014	06:28:45	208		3.3	10.92		6.4			
12/12/2014	06:30:00	217		3.3	10.92		10.5	End Spacer		
12/12/2014	06:30:15	235		3.3	10.97		11.4			
12/12/2014	06:31:45	413		4.7	11.95		17.4			
12/12/2014	06:32:00	377		4.7	12.07		18.6	Start Cement Slurry		

Well			Field		Job Start	Customer		Job Number
Windsor LV C-14H LV C-14H			Wattenberg		Dec/12/2014	Extraction Oil & Gas		2070862
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/12/2014	06:33:15	431	4.7	12.53	5.1			
12/12/2014	06:34:45	423	4.7	12.52	12.2			
12/12/2014	06:35:00	401	4.7	12.52	13.4	SKS= 484 Y= 1.58		
12/12/2014	06:36:15	374	4.8	12.57	19.3			
12/12/2014	06:37:45	616	6.1	12.56	27.0			
12/12/2014	06:38:00	606	6.1	12.58	28.5	Take Dry Sample = 010052		
12/12/2014	06:39:15	557	6.1	12.58	36.1			
12/12/2014	06:40:00	536	6.1	12.51	40.7	Take Wet Sample = 12.5 PPG		
12/12/2014	06:40:45	524	6.1	12.52	45.2			
12/12/2014	06:42:00	535	6.1	12.53	52.8	Good Returns		
12/12/2014	06:42:15	542	6.1	12.52	54.3			
12/12/2014	06:43:45	489	6.1	12.48	63.4			
12/12/2014	06:45:15	475	6.1	12.46	72.5			
12/12/2014	06:46:45	423	6.1	12.48	81.7			
12/12/2014	06:48:15	436	6.1	12.51	90.8			
12/12/2014	06:49:45	407	6.1	12.51	99.9			
12/12/2014	06:51:15	393	6.1	12.51	109.1			
12/12/2014	06:52:45	377	6.1	12.49	118.2			
12/12/2014	06:54:15	223	4.8	12.49	127.1			
12/12/2014	06:55:00	221	4.8	12.46	130.7	End Lead Slurry		
12/12/2014	06:55:45	213	4.8	12.48	134.3			
12/12/2014	06:57:15	98	2.6	14.15	139.5			
12/12/2014	06:58:00	102	2.4	15.04	0.4	Start Mixing Tail Slurry		
12/12/2014	06:58:45	101	2.3	15.02	2.2			
12/12/2014	07:00:00	97	2.2	15.23	5.0	Pump 93 BBLS 15.8 PPG Tail		
12/12/2014	07:00:15	84	2.0	15.29	5.6			
12/12/2014	07:01:45	326	4.7	15.54	11.1			
12/12/2014	07:02:00	329	4.7	15.57	12.3	SKS= 450 Y= 1.16		
12/12/2014	07:03:15	355	4.7	15.71	18.2			
12/12/2014	07:04:00	346	4.7	15.76	21.7	Take Dry Sample = 010039		
12/12/2014	07:04:45	92	2.0	15.61	24.7			
12/12/2014	07:06:00	100	2.2	15.34	27.5	Good Returns		
12/12/2014	07:06:15	101	2.2	15.41	28.0			
12/12/2014	07:07:45	195	3.3	15.68	32.5			
12/12/2014	07:09:15	197	3.3	15.77	37.4			
12/12/2014	07:10:45	340	4.7	15.78	43.6			
12/12/2014	07:12:15	362	4.7	15.72	50.7			
12/12/2014	07:13:45	211	3.3	15.51	57.7			
12/12/2014	07:15:15	211	3.3	15.73	62.6			
12/12/2014	07:16:45	237	3.3	15.80	67.6			
12/12/2014	07:18:15	224	3.3	15.80	72.6			
12/12/2014	07:19:45	207	3.3	15.83	77.5			
12/12/2014	07:21:15	178	3.3	15.84	82.5			
12/12/2014	07:22:45	166	3.3	15.83	87.5			
12/12/2014	07:24:00	172	3.3	15.83	91.6	End Tail Slurry		
12/12/2014	07:24:15	202	3.3	15.83	92.4			
12/12/2014	07:25:45	20	0.0	15.84	95.4			
12/12/2014	07:27:15	17	0.0	15.83	95.4			
12/12/2014	07:28:45	16	0.0	15.82	95.4			
12/12/2014	07:30:15	19	0.0	15.85	95.4			
12/12/2014	07:31:45	14	0.0	15.85	95.4			
12/12/2014	07:32:00	14	0.0	15.80	95.4	Drop Top Plug		
12/12/2014	07:33:15	107	2.6	10.27	1.5			
12/12/2014	07:34:45	152	4.9	9.02	6.4			

Well			Field		Job Start	Customer	Job Number
Windsor LV C-14H LV C-14H			Wattenberg		Dec/12/2014	Extraction Oil & Gas	2070862
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/12/2014	07:37:45	134	4.9	8.40	21.0		
12/12/2014	07:39:15	148	4.8	10.15	28.3		
12/12/2014	07:40:45	144	4.8	10.25	35.5		
12/12/2014	07:42:15	146	4.8	10.26	42.8		
12/12/2014	07:43:45	155	4.8	10.34	50.0		
12/12/2014	07:45:15	152	4.8	10.35	57.3		
12/12/2014	07:46:45	150	4.8	10.35	64.5		
12/12/2014	07:48:15	144	4.8	10.36	71.8		
12/12/2014	07:49:45	147	4.8	10.35	79.0		
12/12/2014	07:51:15	149	4.8	10.35	86.3		
12/12/2014	07:52:45	143	4.8	10.35	93.5		
12/12/2014	07:54:15	159	4.8	10.34	100.7		
12/12/2014	07:55:45	150	4.8	10.34	108.0		
12/12/2014	07:57:15	152	4.8	10.34	115.2		
12/12/2014	07:58:45	151	4.8	10.33	122.5		
12/12/2014	07:59:56	154	4.8	10.33	128.2	Displace 283 BBLS Mud	
12/12/2014	07:59:58	146	4.9	10.33	128.4	Good Returns	
12/12/2014	08:00:15	151	4.8	10.33	129.7		
12/12/2014	08:01:45	159	4.8	10.33	137.0		
12/12/2014	08:03:15	158	4.8	10.33	144.3		
12/12/2014	08:04:45	159	4.8	10.32	151.5		
12/12/2014	08:06:15	263	4.8	10.32	158.7		
12/12/2014	08:07:45	315	4.8	10.32	165.9		
12/12/2014	08:09:15	333	4.8	10.31	173.1		
12/12/2014	08:10:45	413	4.8	10.31	180.2		
12/12/2014	08:12:15	506	4.8	10.31	187.3		
12/12/2014	08:13:45	541	4.8	10.30	194.5		
12/12/2014	08:15:15	640	4.7	10.29	201.6		
12/12/2014	08:16:45	731	4.7	10.29	208.7		
12/12/2014	08:18:15	832	4.7	10.28	215.8		
12/12/2014	08:19:45	956	4.7	10.27	222.9		
12/12/2014	08:21:15	1061	4.7	10.27	230.0		
12/12/2014	08:22:45	1166	4.7	10.27	237.1		
12/12/2014	08:24:15	1259	4.7	10.26	244.2		
12/12/2014	08:25:45	1345	4.7	10.26	251.3		
12/12/2014	08:27:15	1408	4.7	10.26	258.3		
12/12/2014	08:28:45	1522	4.7	10.25	265.4		
12/12/2014	08:30:15	1601	4.7	9.96	272.4		
12/12/2014	08:31:45	1415	2.3	8.46	278.6		
12/12/2014	08:33:15	1459	2.3	8.44	282.1		
12/12/2014	08:34:45	1507	2.3	8.41	285.6		
12/12/2014	08:36:15	1584	2.3	8.41	289.1		
12/12/2014	08:37:45	1622	2.3	8.40	292.6		
12/12/2014	08:39:00	1618	2.3	8.38	295.5	Bump Top Plug 2200 PSI	
12/12/2014	08:39:15	1654	2.3	8.38	296.1		
12/12/2014	08:40:45	2270	0.0	8.38	297.7		
12/12/2014	08:41:00	2274	0.0	8.38	297.7	Floats Held 2 BBLS Back	
12/12/2014	08:42:15	37	0.0	8.38	297.7		
12/12/2014	08:43:45	397	0.5	8.39	298.0		
12/12/2014	08:45:00	1526	0.9	8.38	298.9	Pressure Test Casing	
12/12/2014	08:45:15	1814	0.9	8.38	299.2		
12/12/2014	08:46:45	2127	0.0	8.38	299.5		
12/12/2014	08:48:15	2138	0.0	8.38	299.5		
12/12/2014	08:49:45	2148	0.0	8.38	299.5		

Well			Field		Job Start	Customer		Job Number
Windsor LV C-14H LV C-14H			Wattenberg		Dec/12/2014	Extraction Oil & Gas		2070862
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/12/2014	08:52:45	2161	0.0	8.38	299.5			
12/12/2014	08:54:15	2166	0.0	8.38	299.5			
12/12/2014	08:55:45	2164	0.0	8.38	299.5			
12/12/2014	08:57:15	2167	0.0	8.38	299.5			
12/12/2014	08:58:45	2170	0.0	8.38	299.5			
12/12/2014	09:00:15	2170	0.0	8.38	299.5			
12/12/2014	09:01:45	2055	0.0	8.38	299.5			
12/12/2014	09:02:00	1128	0.0	8.38	299.5	Casing Test = Good		
12/12/2014	09:03:15	17	0.0	8.38	299.5			
12/12/2014	09:04:45	16	0.0	8.38	299.5			
12/12/2014	09:05:45	12	0.0	8.38	299.5	33 BBLS Cement To Surface		
12/12/2014	09:06:15	17	0.0	8.38	299.5			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.2	N2	Mud	Maximum Rate 8.1	Total Slurry 229.0	Mud 0.0	Spacer 20.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 6190	Final 15	Average 977	Bump Plug to 2200	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 229.0 bbl	Displacement 283.0 bbl	Mix Water Temp 75 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 33.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Shawn McIntire			Schlumberger Supervisor Conley Jensen/ Lyle Hartsfield			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					



Service Quality Evaluation

Client:	Extraction Oil & Gas
Field:	Wattenberg
Rig:	H&P 319
Well:	Windsor LV C-14H
Service Line:	Cementing
Job Type:	7" Intermediate

Service Order #:	
Date:	Dec/12/2014
Operating Time (hh:mm):	00:00
Client Rep:	Shawn McIntire
Schlumberger Engineer:	Conley Jensen/ Lyle Hartsfield
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 type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%
2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%
3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%
4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: