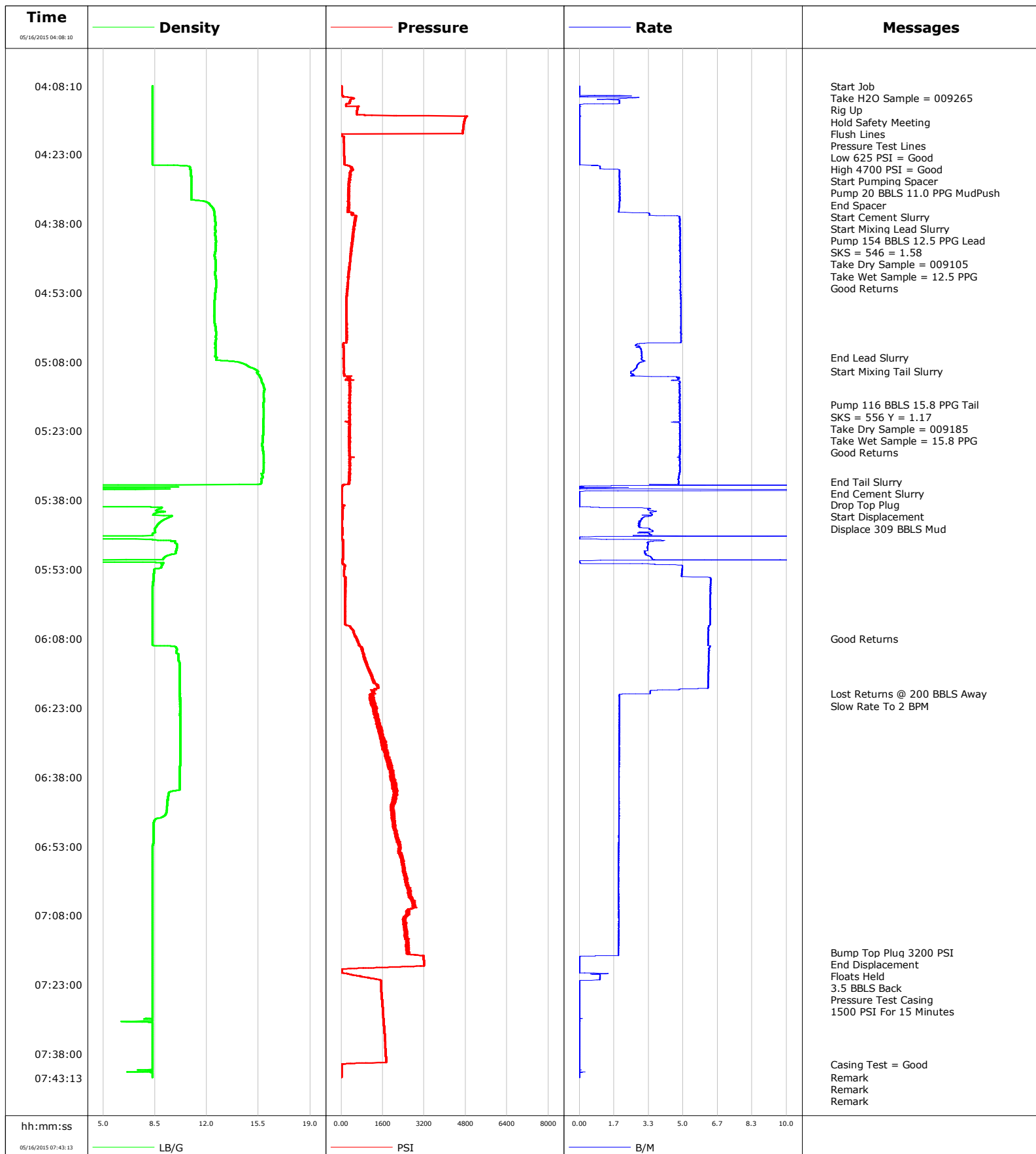


Well Habitat J3-5-6
Field Wattenberg
Engineer Conley Jensen/ Greg Black
Country United States

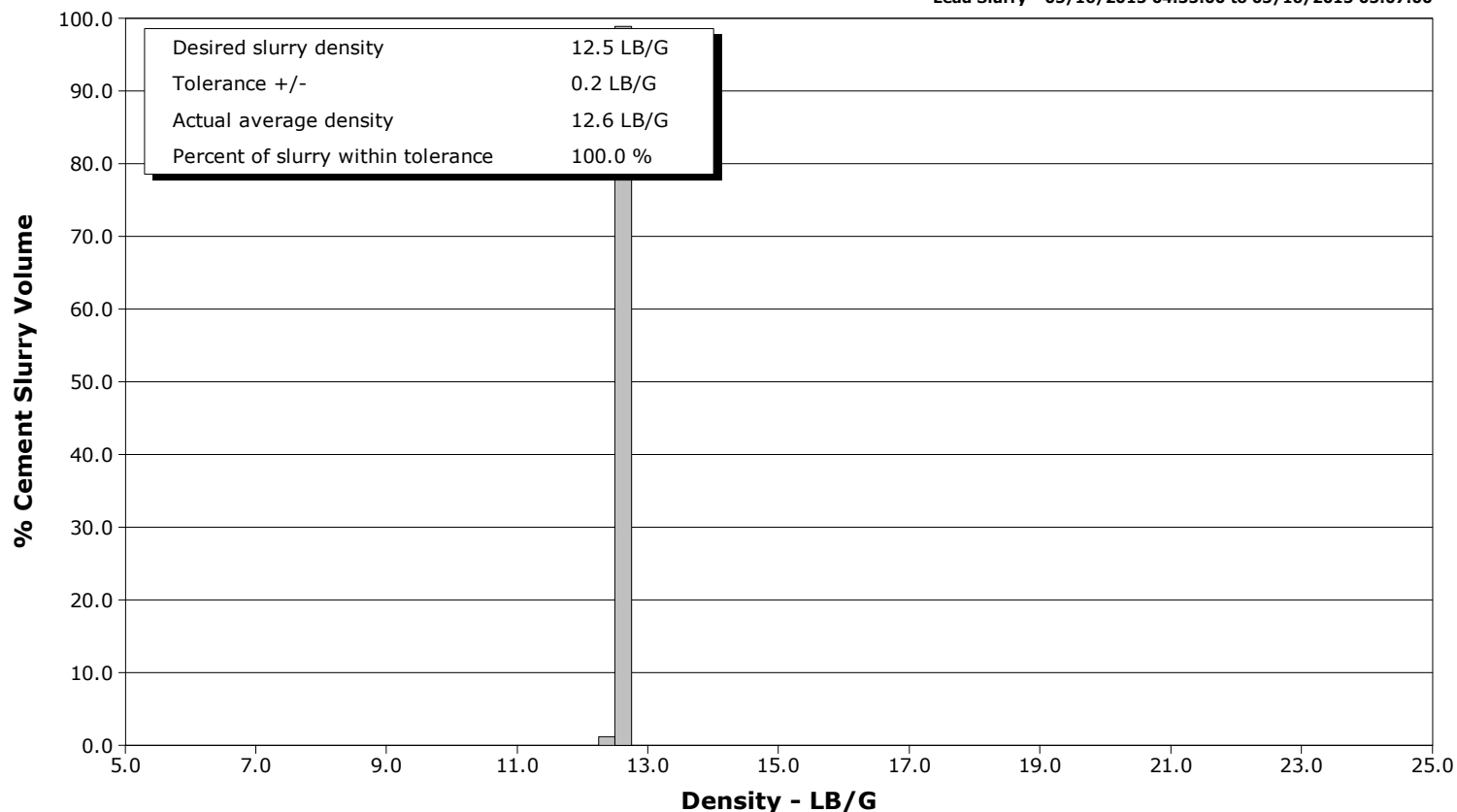
Client Extraction Oil Gas
SIR No. 2125521
Job Type 7" Intermediate
Job Date 05-16-2015



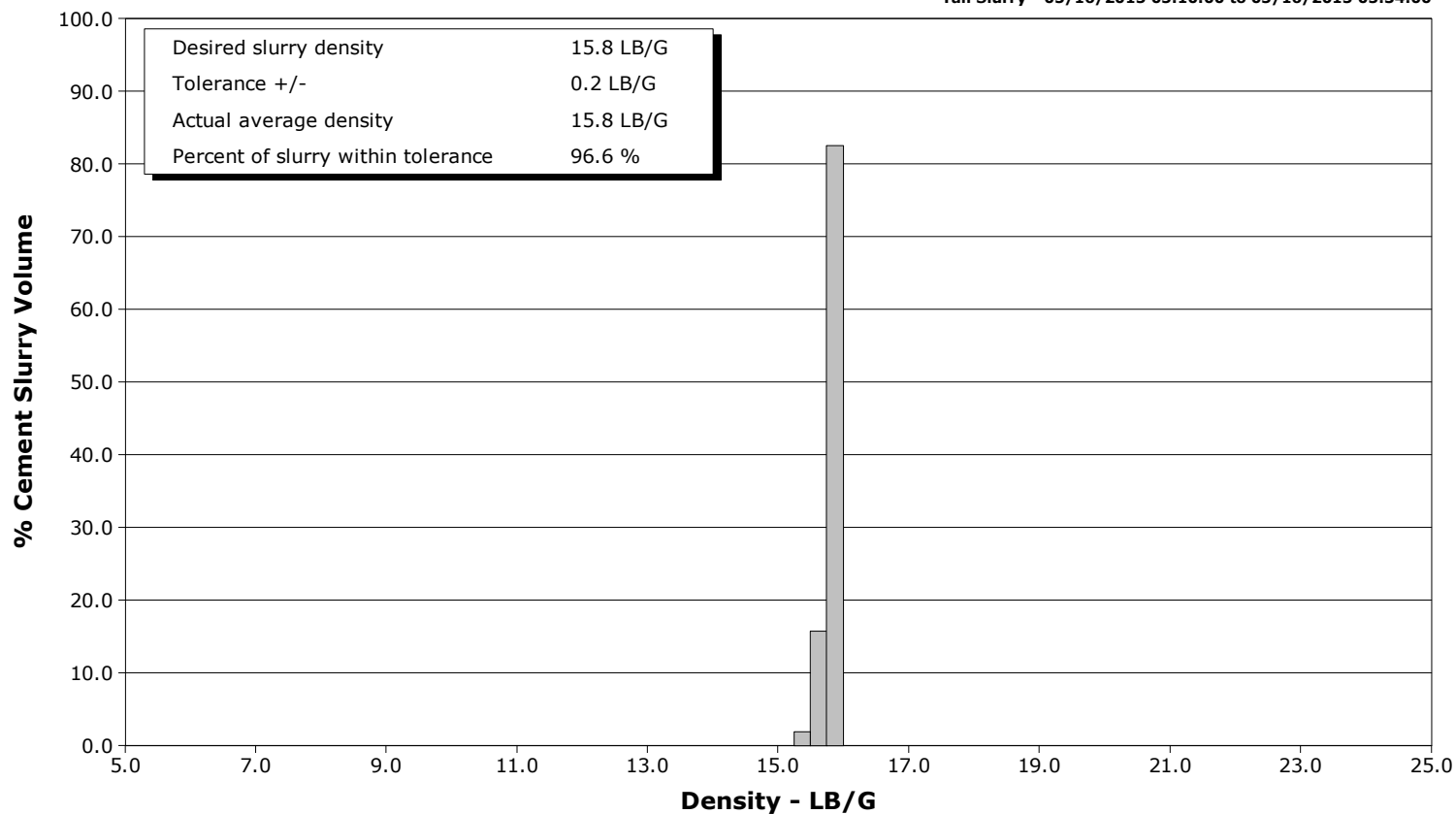
Well Habitat J3-5-6
Field Wattenberg
Engineer Conley Jensen/ Greg Black
Country United States

Client Extraction Oil Gas
SIR No. 2125521
Job Type 7" Intermediate
Job Date 05-16-2015

Lead Slurry - 05/16/2015 04:35:00 to 05/16/2015 05:07:00



Tail Slurry - 05/16/2015 05:10:00 to 05/16/2015 05:34:00



Cementing Service Report

				Customer Extraction Oil & Gas				Job Number 2125521			
Well Habitat J3-5-6 J3-5-6			Location (legal) CWY			Schlumberger Location CWY			Job Start May/16/2015		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 8.8 in		Well MD 8052.0 ft		Well TVD 7560.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 216 degF		BHCT 184 degF		Pore Press. Gradient lb/gal	
Well Master 0631632497		API/UWI									
Rig Name Savanna 802		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		1100.0		9.6		36.0	
						8114.0		7.0		26.0	
										K55	
										P110	
										8RD	
										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	
										Diameter in	
						Treat Down Casing		Displacement 309.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 310.6 bbl		Annular Vol. 220.0 bbl	
										Openhole Vol. 534.0 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 psi						Shoe Type Guide				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 8114.0 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 May/16/2015 01:30		Arrived on Location May/16/2015 01:30		Leave Location May/16/2015 09:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 8072.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
05/16/2015	04:08:10	6	0.0	8.32	0.0	Started Acquisition					
05/16/2015	04:08:11	6	0.0	8.32	0.0	Start Job					
05/16/2015	04:08:13	6	0.0	8.32	0.0	Take H2O Sample = 009265					
05/16/2015	04:08:14	6	0.0	8.32	0.0	Rig Up					
05/16/2015	04:09:40	8	0.0	8.32	0.0						
05/16/2015	04:10:00	8	0.0	8.32	0.0	Pressure Test Lines					
05/16/2015	04:11:10	375	1.4	8.32	1.3						
05/16/2015	04:12:40	675	0.0	8.32	3.1						
05/16/2015	04:13:00	628	0.0	8.32	3.1	Low 625 PSI = Good					
05/16/2015	04:14:10	613	0.0	8.32	3.1						
05/16/2015	04:15:00	4815	0.0	8.32	3.1	High 4700 PSI = Good					
05/16/2015	04:15:40	4763	0.0	8.32	3.1						
05/16/2015	04:17:10	4714	0.0	8.33	0.0						
05/16/2015	04:18:40	4	0.0	8.32	0.0						
05/16/2015	04:20:10	119	0.0	8.32	0.0						
05/16/2015	04:21:40	129	0.0	8.32	0.0						
05/16/2015	04:23:10	154	0.0	8.32	0.0						
05/16/2015	04:24:40	166	0.0	8.32	0.0						
05/16/2015	04:25:00	181	0.0	8.32	0.0	Start Pumping Spacer					
05/16/2015	04:26:00	447	1.0	10.87	0.6	Pump 20 BBLS 11.0 PPG MudPush					
05/16/2015	04:26:10	393	1.0	10.89	0.8						

Well			Field	Job Start		Customer	Job Number
Habitat J3-5-6 J3-5-6			Wattenberg	May/16/2015		Extraction Oil & Gas	2125521
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/16/2015	04:29:10	353	1.9	10.94	6.5		
05/16/2015	04:30:40	340	1.9	10.94	9.4		
05/16/2015	04:32:10	335	1.9	10.94	12.3		
05/16/2015	04:33:00	308	1.9	11.36	13.9	End Spacer	
05/16/2015	04:33:40	316	1.9	12.14	1.1		
05/16/2015	04:35:00	324	1.9	12.47	3.6	Start Cement Slurry	
05/16/2015	04:35:10	328	1.9	12.47	3.9		
05/16/2015	04:36:40	597	4.8	12.55	8.7		
05/16/2015	04:38:10	574	4.8	12.57	16.0		
05/16/2015	04:38:55	539	4.8	12.56	19.6	Pump 154 BBLS 12.5 PPG Lead	
05/16/2015	04:38:56	573	4.8	12.56	19.7	SKS = 546 = 1.58	
05/16/2015	04:39:40	542	4.9	12.58	23.3		
05/16/2015	04:39:44	529	4.9	12.58	23.6	Take Dry Sample = 009105	
05/16/2015	04:40:04	531	4.9	12.56	25.2	Take Wet Sample = 12.5 PPG	
05/16/2015	04:40:15	504	4.8	12.55	26.1	Good Returns	
05/16/2015	04:41:10	510	4.8	12.58	30.6		
05/16/2015	04:42:40	485	4.8	12.60	37.8		
05/16/2015	04:44:10	450	4.8	12.57	45.1		
05/16/2015	04:45:40	422	4.9	12.56	52.4		
05/16/2015	04:47:10	384	4.9	12.59	59.7		
05/16/2015	04:48:40	358	4.9	12.56	67.0		
05/16/2015	04:50:10	334	4.9	12.61	74.3		
05/16/2015	04:51:40	292	4.9	12.62	81.6		
05/16/2015	04:53:10	302	4.9	12.57	88.9		
05/16/2015	04:54:40	267	4.9	12.53	96.2		
05/16/2015	04:56:10	302	4.9	12.53	103.5		
05/16/2015	04:57:40	303	4.9	12.51	110.9		
05/16/2015	04:59:10	303	4.9	12.51	118.2		
05/16/2015	05:00:40	304	4.9	12.59	125.5		
05/16/2015	05:02:10	302	4.9	12.61	132.9		
05/16/2015	05:03:40	297	4.9	12.58	140.2		
05/16/2015	05:05:10	152	3.0	12.57	145.1		
05/16/2015	05:06:40	128	3.0	12.58	149.5		
05/16/2015	05:07:00	164	3.0	12.64	150.5	End Lead Slurry	
05/16/2015	05:08:10	174	2.9	14.23	154.1		
05/16/2015	05:09:40	179	2.7	15.27	3.3		
05/16/2015	05:10:00	179	2.6	15.40	4.1	Start Mixing Tail Slurry	
05/16/2015	05:11:10	294	3.5	15.57	7.1		
05/16/2015	05:12:40	431	4.8	15.75	14.2		
05/16/2015	05:14:10	455	4.8	15.88	21.4		
05/16/2015	05:15:40	446	4.8	15.85	28.7		
05/16/2015	05:17:10	435	4.8	15.79	35.9		
05/16/2015	05:17:21	431	4.8	15.80	36.8	Pump 116 BBLS 15.8 PPG Tail	
05/16/2015	05:17:22	433	4.8	15.80	36.9	Good Returns	
05/16/2015	05:18:40	431	4.8	15.82	43.2		
05/16/2015	05:20:10	429	4.8	15.82	50.4		
05/16/2015	05:21:40	422	4.8	15.81	57.6		
05/16/2015	05:23:10	392	4.8	15.82	64.9		
05/16/2015	05:24:40	388	4.8	15.77	72.2		
05/16/2015	05:26:10	400	4.8	15.72	79.4		
05/16/2015	05:27:40	385	4.9	15.80	86.7		
05/16/2015	05:29:10	393	4.8	15.84	93.9		
05/16/2015	05:30:40	379	4.8	15.84	101.2		
05/16/2015	05:32:10	360	4.8	15.82	108.5		

Well			Field	Job Start		Customer	Job Number
Habitat J3-5-6 J3-5-6			Wattenberg	May/16/2015		Extraction Oil & Gas	2125521
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/16/2015	05:34:00	347	4.8	15.68	117.2	End Tail Slurry	
05/16/2015	05:35:10	30	0.1	10.08	0.0		
05/16/2015	05:36:40	39	0.0	-0.00	5.3		
05/16/2015	05:38:10	40	0.0	0.00	0.0		
05/16/2015	05:39:00	29	0.0	0.59	0.0	Drop Top Plug	
05/16/2015	05:39:40	91	2.8	8.97	0.2		
05/16/2015	05:40:00	120	3.3	8.73	1.3	Displace 309 BBLS Mud	
05/16/2015	05:41:10	122	3.5	8.39	5.3		
05/16/2015	05:42:40	78	2.9	8.90	10.0		
05/16/2015	05:44:10	76	3.4	8.50	14.4		
05/16/2015	05:45:40	36	2.6	8.32	19.4		
05/16/2015	05:47:10	80	3.3	9.86	24.8		
05/16/2015	05:48:40	82	3.3	9.95	29.7		
05/16/2015	05:50:10	76	3.4	9.25	34.6		
05/16/2015	05:51:40	32	0.0	9.08	39.0		
05/16/2015	05:53:10	139	5.0	8.43	45.7		
05/16/2015	05:54:40	184	5.8	8.40	53.1		
05/16/2015	05:56:10	181	6.3	8.38	62.6		
05/16/2015	05:57:40	179	6.3	8.33	72.1		
05/16/2015	05:59:10	177	6.3	8.33	81.5		
05/16/2015	06:00:40	175	6.3	8.32	91.0		
05/16/2015	06:02:10	173	6.3	8.32	100.4		
05/16/2015	06:03:40	172	6.3	8.32	109.9		
05/16/2015	06:05:10	226	6.3	8.32	119.4		
05/16/2015	06:06:40	501	6.2	8.32	128.7		
05/16/2015	06:08:00	638	6.2	8.32	137.0	Good Returns	
05/16/2015	06:08:10	631	6.2	8.32	138.0		
05/16/2015	06:09:40	760	6.3	9.68	147.3		
05/16/2015	06:11:10	900	6.3	9.95	156.7		
05/16/2015	06:12:40	968	6.3	10.08	166.1		
05/16/2015	06:14:10	1056	6.2	10.16	175.4		
05/16/2015	06:15:40	1193	6.2	10.17	184.7		
05/16/2015	06:17:10	1270	6.2	10.17	194.1		
05/16/2015	06:18:40	1443	6.2	10.18	203.4		
05/16/2015	06:20:00	1197	2.7	10.19	209.0	Lost Returns @ 200 BBLS Away	
05/16/2015	06:20:10	1202	1.9	10.16	209.3		
05/16/2015	06:21:00	1277	1.9	10.19	210.9	Slow Rate To 2 BPM	
05/16/2015	06:21:40	1270	1.9	10.19	212.2		
05/16/2015	06:23:10	1198	1.9	10.19	215.1		
05/16/2015	06:24:40	1427	1.9	10.19	218.0		
05/16/2015	06:26:10	1419	1.9	10.22	220.9		
05/16/2015	06:27:40	1472	1.9	10.22	223.8		
05/16/2015	06:29:10	1685	1.9	10.21	226.6		
05/16/2015	06:30:40	1580	1.9	10.20	229.5		
05/16/2015	06:32:10	1725	1.9	10.21	232.4		
05/16/2015	06:33:40	1808	1.9	10.20	235.2		
05/16/2015	06:35:10	1871	1.9	10.20	238.1		
05/16/2015	06:36:40	1889	1.9	10.18	241.0		
05/16/2015	06:38:10	1980	1.9	10.18	243.8		
05/16/2015	06:39:40	2146	1.9	10.18	246.7		
05/16/2015	06:41:10	2117	1.9	9.58	249.6		
05/16/2015	06:42:40	2141	1.9	9.37	252.4		
05/16/2015	06:44:10	1915	1.9	9.32	255.3		
05/16/2015	06:45:40	2013	1.9	9.27	258.1		

Well			Field		Job Start		Customer		Job Number	
Habitat J3-5-6 J3-5-6			Wattenberg		May/16/2015		Extraction Oil & Gas		2125521	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/16/2015	06:48:40	2080	1.9	8.41	263.9					
05/16/2015	06:50:10	2094	1.9	8.40	266.7					
05/16/2015	06:51:40	2194	1.9	8.39	269.6					
05/16/2015	06:53:10	2311	1.9	8.33	272.4					
05/16/2015	06:54:40	2302	1.9	8.33	275.2					
05/16/2015	06:56:10	2379	1.9	8.33	278.0					
05/16/2015	06:57:40	2394	1.9	8.33	280.9					
05/16/2015	06:59:10	2495	1.9	8.33	283.7					
05/16/2015	07:00:40	2508	1.9	8.33	286.5					
05/16/2015	07:02:10	2648	1.9	8.33	289.4					
05/16/2015	07:03:40	2658	1.9	8.33	292.2					
05/16/2015	07:05:10	2795	1.9	8.32	295.0					
05/16/2015	07:06:40	2712	1.9	8.33	297.8					
05/16/2015	07:08:10	2497	1.9	8.33	300.7					
05/16/2015	07:09:40	2473	1.9	8.32	303.5					
05/16/2015	07:11:10	2470	1.9	8.32	306.3					
05/16/2015	07:12:40	2607	1.9	8.33	309.2					
05/16/2015	07:14:10	2537	1.9	8.32	312.0					
05/16/2015	07:15:40	2562	1.9	8.32	314.8					
05/16/2015	07:16:00	2548	1.9	8.32	315.5	Bump Top Plug 3200 PSI				
05/16/2015	07:17:10	3181	0.0	8.33	317.0					
05/16/2015	07:18:00	3192	0.0	8.33	317.0	Floats Held				
05/16/2015	07:18:40	3201	0.0	8.33	317.0					
05/16/2015	07:20:10	26	0.0	8.33	317.0					
05/16/2015	07:21:40	1173	1.0	8.32	318.1					
05/16/2015	07:22:00	1502	1.0	8.32	318.5	Pressure Test Casing				
05/16/2015	07:23:10	1548	0.0	8.32	0.0					
05/16/2015	07:24:40	1596	0.0	8.32	0.0					
05/16/2015	07:26:10	1613	0.0	8.32	0.0					
05/16/2015	07:27:40	1631	0.0	8.32	0.0					
05/16/2015	07:29:10	1682	0.0	8.32	0.0					
05/16/2015	07:30:40	1639	0.0	8.34	0.0					
05/16/2015	07:32:10	1656	0.0	8.33	0.0					
05/16/2015	07:33:40	1674	0.0	8.33	0.0					
05/16/2015	07:35:10	1691	0.0	8.33	0.0					
05/16/2015	07:36:40	1708	0.0	8.33	0.0					
05/16/2015	07:38:10	1725	0.0	8.33	0.0					
05/16/2015	07:39:40	1742	0.0	8.33	0.0					
05/16/2015	07:40:15	126	0.0	8.33	0.0	Casing Test = Good				
05/16/2015	07:41:10	16	0.0	8.33	0.0					
05/16/2015	07:42:40	21	0.0	8.34	0.0					
05/16/2015	07:43:07	19	0.0	8.33	0.0	Remark				
05/16/2015	07:43:08	19	0.0	8.33	0.0	Remark				

Well Habitat J3-5-6 J3-5-6	Field Wattenberg	Job Start May/16/2015	Customer Extraction Oil & Gas	Job Number 2125521
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 3.6	N2	Mud	Maximum Rate 25.0		Total Slurry 270.0	Mud 0.0	Spacer 20.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 4872	Final 20	Average 1040	Bump Plug to 3200	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 270.0 bbl		Displacement 309.0 bbl		Mix Water Temp 60 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Brandon Patch				Schlumberger Supervisor Conley Jensen/ Greg Black				Circulation Lost <input checked="" type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-



Service Quality Evaluation

Client:	Extraction Oil & Gas
Field:	Wattenberg
Rig:	Savanna 802
Well:	Habitat J3-5-6
Service Line:	Cementing
Job Type:	7" Intermediate

Service Order #:	
Date:	May/16/2015
Operating Time (hh:mm):	00:00
Client Rep:	Brandon Patch
Schlumberger Engineer:	Conley Jensen/ Greg Black
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 succesfully	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 succesfully	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: