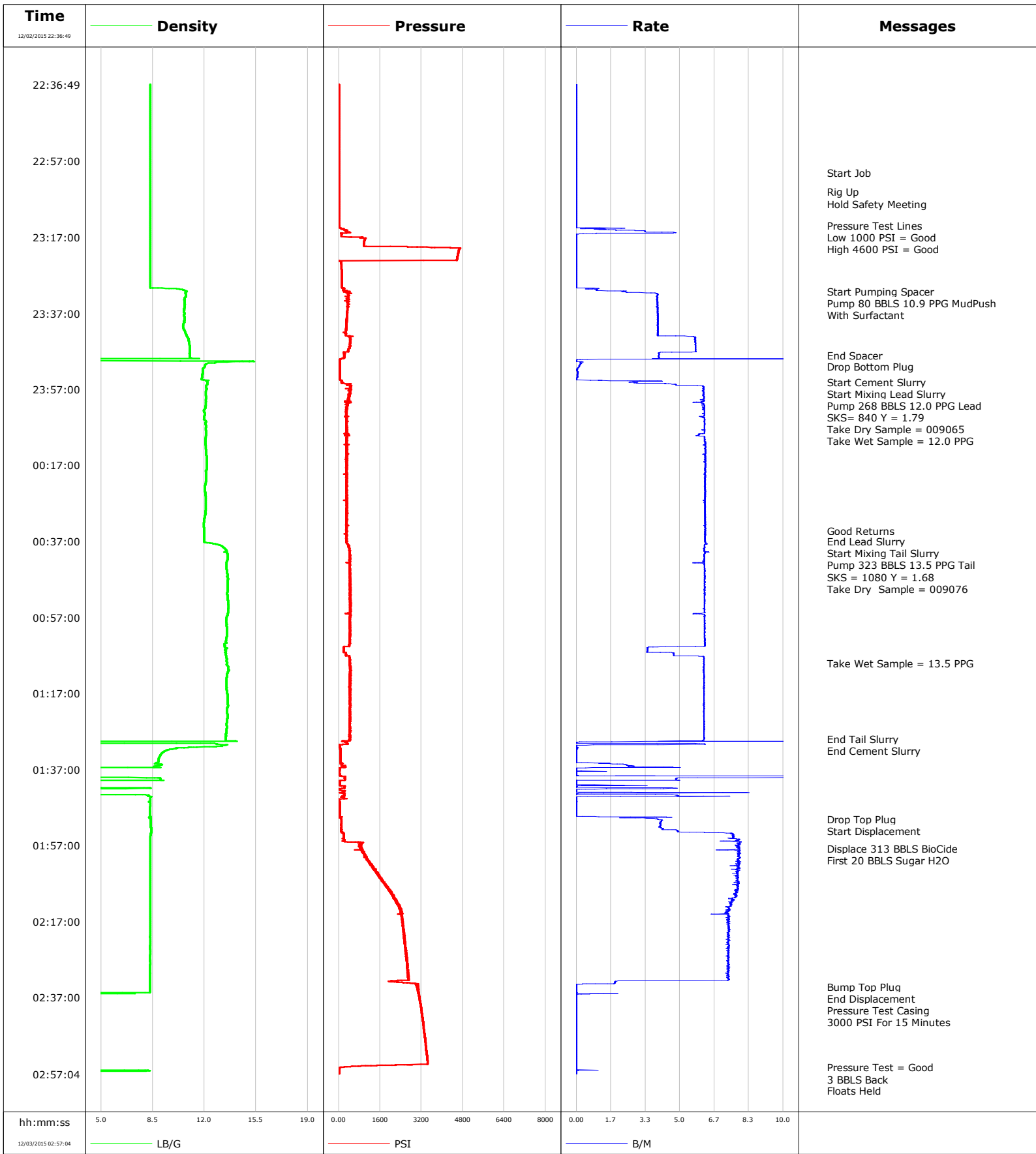


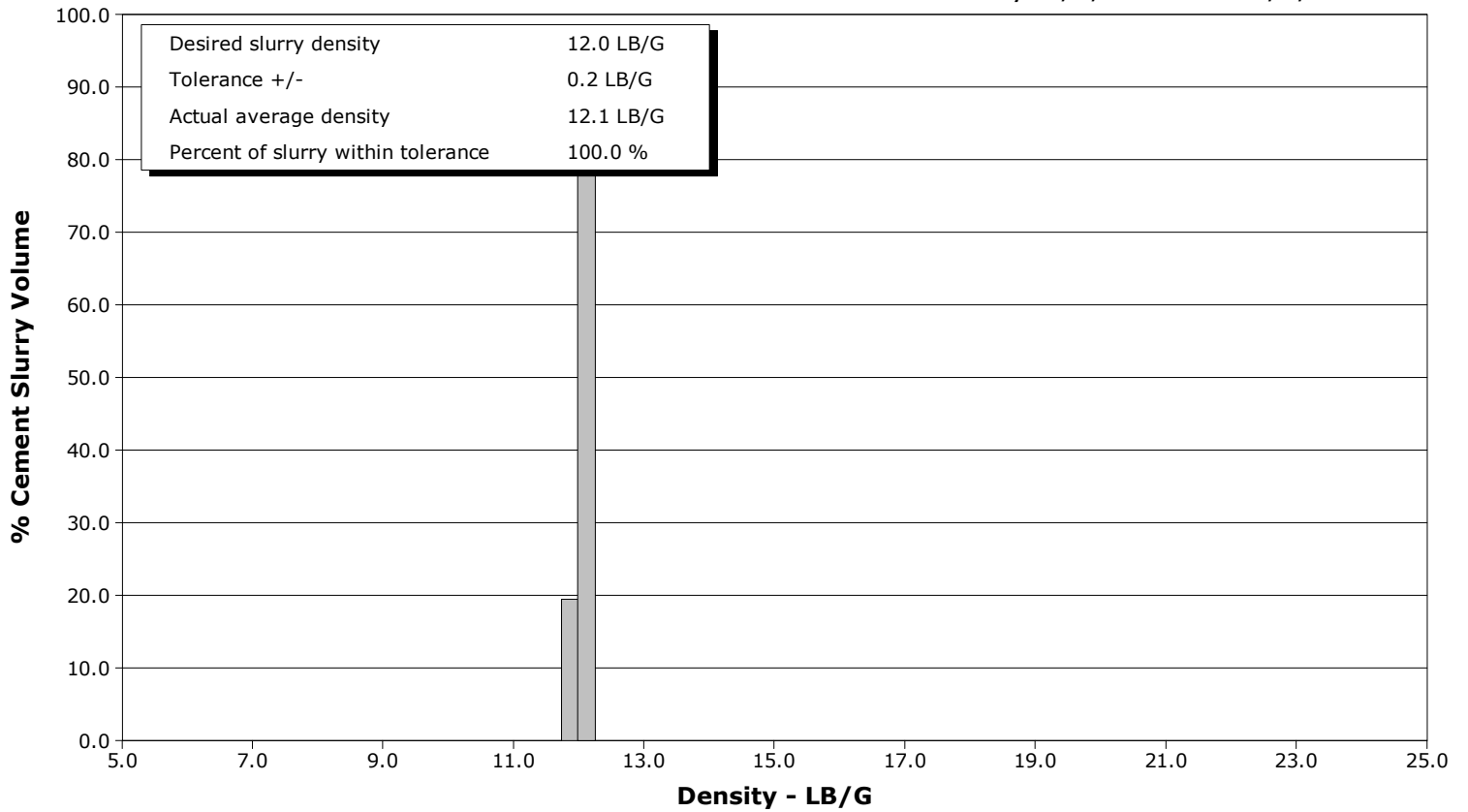
<b>Well</b>	Whisper Rock 10N-25HZ	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	2235785
<b>Engineer</b>	Conley Jensen/ Greg Black	<b>Job Type</b>	5.5" Monobore
<b>Country</b>	United States	<b>Job Date</b>	12-02-2015



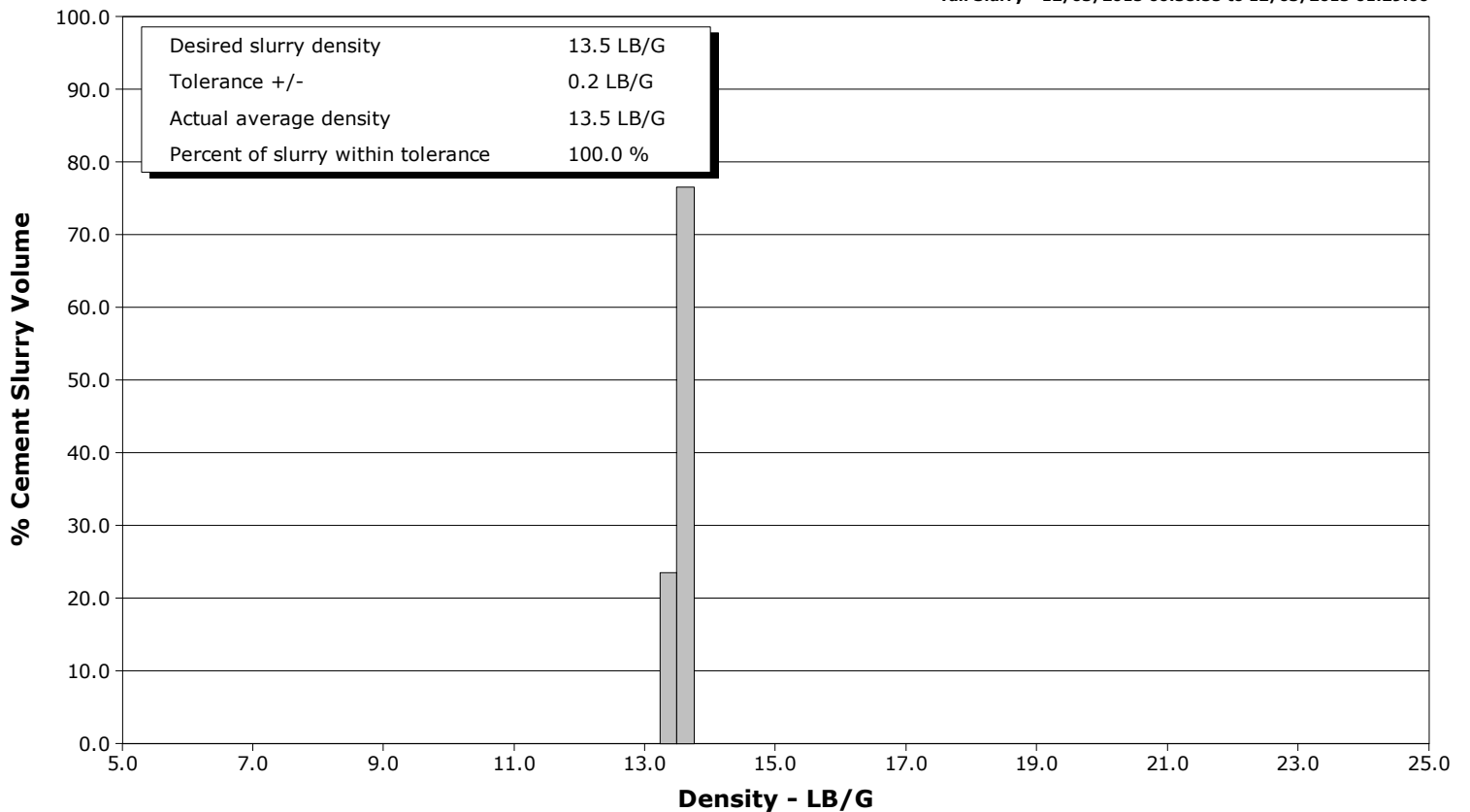
**Well** Whisper Rock 10N-25HZ  
**Field** Wattenberg  
**Engineer** Conley Jensen/ Greg Black  
**Country** United States

**Client** Anadarko  
**SIR No.** 2235785  
**Job Type** 5.5" Monobore  
**Job Date** 12-02-2015

**Lead Slurry - 12/02/2015 23:55:00 to 12/03/2015 00:37:00**



**Tail Slurry - 12/03/2015 00:38:55 to 12/03/2015 01:29:00**



				Customer			Job Number		
				Anadarko			2235785		
Well		Location (legal)			Schlumberger Location			Job Start	
Whisper Rock 10N-25HZ 10N-15HZ		CWY			CWY			Dec/02/2015	
Field		Formation Name/Type		Deviation	Bit Size	Well MD		Well TVD	
Wattenberg		Shale		deg	8.5 in	13516.0 ft		7285.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	235 degF	232 degF	lb/gal		
Well Master		API/UWI							
0631620737		05123410700000							
Rig Name	Drilled For	Service Via		Casing/Liner					
Precision 460	Oil	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type		1851.0	9.6	36.0	P110	8RD	
	New	Development		13516.0	5.5	17.0	P110	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type								
Cementing	5.5" Monobore								
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole					
psi	psi	Double Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Perform 5.5" Monobore Per Proposal Design.				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		313.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		315.0 bbl		565.0 bbl		893.0 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		Float		Squeeze Type	
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated	<input type="checkbox"/>	Shoe Depth		13537.0 ft		Tool Type
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type		Tool Depth		ft
Cement Head Type		Double		Stage Tool Depth		ft		Tail Pipe Size	in
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	ft
Dec/02/2015 19:00		Dec/02/2015 19:00		Dec/02/2015		Collar Depth		13448.0 ft	Sqz. Total Vol.
								bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/02/2015	22:36:49	0	0.0	8.32	0.0	Started Acquisition			
12/02/2015	22:38:19	0	0.0	8.32	0.0				
12/02/2015	22:39:49	1	0.0	8.32	0.0				
12/02/2015	22:41:19	0	0.0	8.32	0.0				
12/02/2015	22:42:49	0	0.0	8.33	0.0				
12/02/2015	22:44:19	1	0.0	8.33	0.0				
12/02/2015	22:45:49	0	0.0	8.33	0.0				
12/02/2015	22:47:19	1	0.0	8.33	0.0				
12/02/2015	22:48:49	1	0.0	8.33	0.0				
12/02/2015	22:50:19	1	0.0	8.33	0.0				
12/02/2015	22:51:49	1	0.0	8.33	0.0				
12/02/2015	22:53:19	1	0.0	8.33	0.0				
12/02/2015	22:54:49	2	0.0	8.33	0.0				
12/02/2015	22:56:19	1	0.0	8.33	0.0				
12/02/2015	22:57:49	0	0.0	8.33	0.0				
12/02/2015	22:59:19	1	0.0	8.33	0.0				
12/02/2015	23:00:00	1	0.0	8.33	0.0	Start Job			
12/02/2015	23:00:49	1	0.0	8.33	0.0				
12/02/2015	23:02:19	1	0.0	8.33	0.0				
12/02/2015	23:03:49	1	0.0	8.33	0.0				
12/02/2015	23:05:00	2	0.0	8.33	0.0	Rig Up			

Well		Field		Job Start		Customer		Job Number	
Whisper Rock 10N-25HZ 10N-15HZ		Wattenberg		Dec/02/2015		Anadarko		2235785	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/02/2015	23:06:00	2	0.0	8.33	0.0	Hold Safety Meeting			
12/02/2015	23:06:49	1	0.0	8.33	0.0				
12/02/2015	23:08:19	1	0.0	8.33	0.0				
12/02/2015	23:09:49	1	0.0	8.33	0.0				
12/02/2015	23:11:19	1	0.0	8.33	0.0				
12/02/2015	23:12:49	3	0.0	8.33	0.0				
12/02/2015	23:14:00	5	0.0	8.33	0.0	Pressure Test Lines			
12/02/2015	23:14:19	6	0.0	8.33	0.0				
12/02/2015	23:15:49	441	4.8	8.32	2.9				
12/02/2015	23:17:00	484	0.0	8.32	3.8	Low 1000 PSI = Good			
12/02/2015	23:17:19	1013	0.0	8.32	3.8				
12/02/2015	23:18:49	957	0.0	8.32	3.8				
12/02/2015	23:19:00	953	0.0	8.32	3.8	High 4600 PSI = Good			
12/02/2015	23:20:19	4621	0.0	8.32	3.8				
12/02/2015	23:21:49	4573	0.0	8.32	3.8				
12/02/2015	23:23:19	15	0.0	8.32	0.0				
12/02/2015	23:24:49	113	0.0	8.32	0.0				
12/02/2015	23:26:19	125	0.0	8.32	0.0				
12/02/2015	23:27:49	131	0.0	8.32	0.0				
12/02/2015	23:29:19	139	0.0	8.32	0.0				
12/02/2015	23:30:49	208	1.0	10.52	0.3				
12/02/2015	23:31:15	358	2.4	10.78	0.9	Start Pumping Spacer			
12/02/2015	23:31:20	310	2.2	10.80	1.1	Pump 80 BBLs 10.9 PPG MudPush			
12/02/2015	23:31:30	304	2.4	10.75	1.5	With Surfactant			
12/02/2015	23:32:19	394	3.9	10.74	4.4				
12/02/2015	23:33:49	365	3.9	10.66	10.3				
12/02/2015	23:35:19	401	3.9	10.64	16.2				
12/02/2015	23:36:49	340	3.9	10.61	22.0				
12/02/2015	23:38:19	339	3.9	10.64	27.9				
12/02/2015	23:39:49	326	3.9	10.58	33.8				
12/02/2015	23:41:19	307	3.9	10.62	39.7				
12/02/2015	23:42:49	289	3.9	10.77	45.6				
12/02/2015	23:44:19	411	5.7	10.93	53.8				
12/02/2015	23:45:49	388	5.8	11.00	62.4				
12/02/2015	23:47:19	205	4.1	11.01	71.0				
12/02/2015	23:48:00	231	4.0	11.00	73.7	End Spacer			
12/02/2015	23:48:49	213	4.0	11.07	77.0				
12/02/2015	23:50:19	42	0.2	12.12	0.0				
12/02/2015	23:51:00	42	0.1	12.01	0.0	Drop Bottom Plug			
12/02/2015	23:51:49	41	0.0	11.88	0.1				
12/02/2015	23:53:19	41	0.0	11.87	0.0				
12/02/2015	23:54:49	139	3.5	12.11	0.3				
12/02/2015	23:55:00	114	2.7	12.19	1.0	Start Cement Slurry			
12/02/2015	23:56:19	483	6.1	12.13	6.6				
12/02/2015	23:57:49	436	6.1	12.08	15.8				
12/02/2015	23:59:19	444	6.2	12.11	25.1				
12/02/2015	23:59:20	412	6.2	12.11	25.2	Pump 268 BBLs 12.0 PPG Lead			
12/02/2015	23:59:21	408	6.2	12.11	25.3	Take Dry Sample = 009065			
12/03/2015	00:00:49	485	6.1	12.08	34.2				
12/03/2015	00:01:29	365	6.2	12.06	38.3	Take Wet Sample = 12.0 PPG			
12/03/2015	00:02:19	323	6.2	12.00	43.4				
12/03/2015	00:03:49	331	6.2	12.01	52.7				
12/03/2015	00:05:19	341	6.2	12.07	61.9				
12/03/2015	00:06:49	341	6.2	12.13	71.2				

Well			Field		Job Start	Customer	Job Number
Whisper Rock 10N-25HZ 10N-15HZ			Wattenberg		Dec/02/2015	Anadarko	2235785
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/03/2015	00:09:49	350	6.2	12.07	89.6		
12/03/2015	00:11:19	340	6.2	12.06	98.9		
12/03/2015	00:12:49	343	6.2	12.10	108.2		
12/03/2015	00:14:19	374	6.2	12.13	117.6		
12/03/2015	00:15:49	354	6.2	12.15	126.9		
12/03/2015	00:17:19	347	6.2	12.17	136.2		
12/03/2015	00:18:49	340	6.2	12.11	145.6		
12/03/2015	00:20:19	325	6.2	12.13	154.9		
12/03/2015	00:21:49	335	6.2	12.07	164.2		
12/03/2015	00:23:19	364	6.2	12.01	173.5		
12/03/2015	00:24:49	338	6.2	12.06	182.9		
12/03/2015	00:26:19	342	6.2	12.10	192.2		
12/03/2015	00:27:49	357	6.2	12.10	201.5		
12/03/2015	00:29:19	346	6.2	12.05	210.8		
12/03/2015	00:30:49	338	6.2	12.01	220.1		
12/03/2015	00:32:19	331	6.2	11.95	229.5		
12/03/2015	00:33:49	353	6.2	11.98	238.8		
12/03/2015	00:34:14	329	6.2	11.99	241.4	Good Returns	
12/03/2015	00:35:19	333	6.2	11.99	248.1		
12/03/2015	00:36:49	326	6.2	11.98	257.5		
12/03/2015	00:37:00	346	6.2	11.98	258.6	End Lead Slurry	
12/03/2015	00:38:19	428	6.2	13.20	5.1		
12/03/2015	00:38:55	416	6.1	13.38	8.8	Start Mixing Tail Slurry	
12/03/2015	00:39:00	423	6.2	13.41	9.3	Pump 323 BBLS 13.5 PPG Tail	
12/03/2015	00:39:01	423	6.2	13.41	9.4	SKS = 1080 Y = 1.68	
12/03/2015	00:39:49	462	6.4	13.37	14.4		
12/03/2015	00:40:00	438	6.2	13.52	15.5	Take Dry Sample = 009076	
12/03/2015	00:41:19	467	6.2	13.57	23.6		
12/03/2015	00:42:49	474	6.2	13.49	32.8		
12/03/2015	00:44:19	436	6.2	13.50	42.1		
12/03/2015	00:45:49	467	6.2	13.54	51.4		
12/03/2015	00:47:19	441	6.2	13.55	60.7		
12/03/2015	00:48:49	456	6.2	13.55	70.0		
12/03/2015	00:50:19	451	6.2	13.56	79.3		
12/03/2015	00:51:49	440	6.2	13.55	88.5		
12/03/2015	00:53:19	467	6.2	13.60	97.8		
12/03/2015	00:54:49	448	6.2	13.61	107.1		
12/03/2015	00:56:19	470	6.2	13.56	116.3		
12/03/2015	00:57:49	425	6.2	13.47	125.6		
12/03/2015	00:59:19	458	6.2	13.50	134.9		
12/03/2015	01:00:49	439	6.2	13.53	144.1		
12/03/2015	01:02:19	428	6.2	13.49	153.4		
12/03/2015	01:03:49	422	6.2	13.44	162.7		
12/03/2015	01:05:19	191	3.4	13.43	170.4		
12/03/2015	01:06:49	286	4.7	13.43	176.3		
12/03/2015	01:08:19	446	6.2	13.49	185.0		
12/03/2015	01:09:05	458	6.2	13.53	189.7	Take Wet Sample = 13.5 PPG	
12/03/2015	01:09:49	437	6.2	13.58	194.2		
12/03/2015	01:11:19	457	6.2	13.58	203.4		
12/03/2015	01:12:49	435	6.2	13.51	212.7		
12/03/2015	01:14:19	461	6.2	13.50	221.9		
12/03/2015	01:15:49	452	6.2	13.50	231.2		
12/03/2015	01:17:19	463	6.2	13.55	240.4		
12/03/2015	01:18:49	470	6.2	13.55	249.6		

Well		Field		Job Start		Customer		Job Number	
Whisper Rock 10N-25HZ 10N-15HZ		Wattenberg		Dec/02/2015		Anadarko		2235785	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/03/2015	01:21:49	451	6.2	13.53	268.1				
12/03/2015	01:23:19	440	6.2	13.55	277.4				
12/03/2015	01:24:49	439	6.2	13.50	286.6				
12/03/2015	01:26:19	437	6.2	13.51	295.9				
12/03/2015	01:27:49	452	6.2	13.43	305.1				
12/03/2015	01:29:00	414	6.2	13.44	312.4	End Tail Slurry			
12/03/2015	01:29:19	395	6.1	13.44	314.4				
12/03/2015	01:30:49	30	0.0	13.14	319.7				
12/03/2015	01:32:19	48	0.0	9.26	319.7				
12/03/2015	01:33:49	48	0.0	8.95	319.7				
12/03/2015	01:35:19	100	1.4	8.80	0.0				
12/03/2015	01:36:49	73	0.0	-0.05	3.2				
12/03/2015	01:38:19	73	0.0	-0.05	3.3				
12/03/2015	01:39:49	263	5.0	9.27	13.3				
12/03/2015	01:41:19	96	0.3	-0.02	13.8				
12/03/2015	01:42:49	245	0.0	-0.05	15.3				
12/03/2015	01:44:19	240	0.0	8.35	19.7				
12/03/2015	01:45:49	21	0.0	8.32	0.0				
12/03/2015	01:47:19	20	0.0	8.31	0.0				
12/03/2015	01:48:49	19	0.0	8.32	0.0				
12/03/2015	01:50:00	102	3.9	8.35	2.0	Drop Top Plug			
12/03/2015	01:50:19	93	4.1	8.36	3.3				
12/03/2015	01:51:49	96	4.0	8.36	9.4				
12/03/2015	01:53:19	131	4.9	8.39	15.9				
12/03/2015	01:54:49	239	7.6	8.34	26.5				
12/03/2015	01:56:19	973	7.9	8.33	38.1				
12/03/2015	01:57:49	887	7.9	8.33	49.8	Displace 313 BBLs BioCide			
12/03/2015	01:58:05	929	7.8	8.33	51.9	First 20 BBLs Sugar H2O			
12/03/2015	01:59:19	985	7.8	8.32	61.5				
12/03/2015	02:00:49	1176	7.8	8.32	73.3				
12/03/2015	02:02:19	1298	7.4	8.32	85.0				
12/03/2015	02:03:49	1447	7.8	8.32	96.7				
12/03/2015	02:05:19	1610	7.8	8.32	108.4				
12/03/2015	02:06:49	1768	7.9	8.32	120.0				
12/03/2015	02:08:19	1927	7.8	8.32	131.7				
12/03/2015	02:09:49	2063	7.8	8.32	143.3				
12/03/2015	02:11:19	2217	7.6	8.32	154.8				
12/03/2015	02:12:49	2291	7.5	8.32	166.0				
12/03/2015	02:14:19	2390	7.3	8.32	177.1				
12/03/2015	02:15:49	2454	7.4	8.32	188.0				
12/03/2015	02:17:19	2472	7.4	8.32	199.0				
12/03/2015	02:18:49	2489	7.3	8.32	210.0				
12/03/2015	02:20:19	2526	7.3	8.32	221.1				
12/03/2015	02:21:49	2537	7.4	8.32	232.1				
12/03/2015	02:23:19	2570	7.4	8.32	243.1				
12/03/2015	02:24:49	2600	7.4	8.32	254.1				
12/03/2015	02:26:19	2618	7.3	8.32	265.1				
12/03/2015	02:27:49	2647	7.4	8.32	276.1				
12/03/2015	02:29:19	2658	7.4	8.31	287.1				
12/03/2015	02:30:49	2678	7.3	8.32	298.1				
12/03/2015	02:32:19	2701	7.3	8.31	309.1				
12/03/2015	02:33:49	3051	0.0	8.31	312.6				
12/03/2015	02:34:09	3015	0.0	8.31	312.6	Bump Top Plug			
12/03/2015	02:34:10	3060	0.0	8.31	312.6	End Displacement			

Well			Field		Job Start	Customer		Job Number	
Whisper Rock 10N-25HZ 10N-15HZ			Wattenberg		Dec/02/2015	Anadarko		2235785	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/03/2015	02:35:19	3050	0.0	8.31	312.6				
12/03/2015	02:36:49	3095	0.0	0.14	312.7				
12/03/2015	02:38:19	3137	0.0	0.15	312.7				
12/03/2015	02:39:49	3168	0.0	0.15	312.7				
12/03/2015	02:41:19	3203	0.0	0.16	312.7				
12/03/2015	02:42:49	3228	0.0	0.16	312.7				
12/03/2015	02:44:19	3257	0.0	0.16	312.7				
12/03/2015	02:45:49	3280	0.0	0.16	312.7				
12/03/2015	02:47:19	3310	0.0	0.17	312.7				
12/03/2015	02:48:49	3336	0.0	0.17	312.7				
12/03/2015	02:50:19	3359	0.0	0.17	312.7				
12/03/2015	02:51:49	3380	0.0	0.17	312.7				
12/03/2015	02:53:19	3404	0.0	0.17	312.7				
12/03/2015	02:54:49	1671	0.0	0.17	312.7				
12/03/2015	02:55:22	45	0.0	0.17	312.7	Pressure Test = Good			
12/03/2015	02:55:23	38	0.0	0.17	312.7	Floats Held			
12/03/2015	02:55:53	23	0.0	0.18	312.7	End Job			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
5.8			25.0	1000.2	0.0	95.3		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
4659	22	827	3000			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	23.0 bbl	
%	591.0 bbl	267.1 bbl	65 degF	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"/>	
Luke Rains	Conley Jensen/ Greg Black			-		-		



# Service Quality Evaluation

<b>Client:</b>	Anadarko
<b>Field:</b>	Wattenberg
<b>Rig:</b>	Precision 460
<b>Well:</b>	Whisper Rock 10N-25HZ
<b>Service Line:</b>	Cementing
<b>Job Type:</b>	5.5" Monobore

<b>Service Order #:</b>	
<b>Date:</b>	Dec/02/2015
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	Luke Rains
<b>Schlumberger Engineer:</b>	Conley Jensen/ Greg Black
<b>Schlumberger FSM:</b>	

**Main Objective:**

**To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.**

		Score	Yes / No		Result
<b>1</b>	<b>HSE</b>				
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%

<b>2</b>	<b>Design / Preparation</b>				
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%

<b>3</b>	<b>Execution</b>				
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%

<b>4</b>	<b>Evaluation</b>				
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.)**

<b>Client:</b>	<b>Schlumberger:</b>
<b>Client Signature:</b>	<b>Schlumberger Signature:</b>