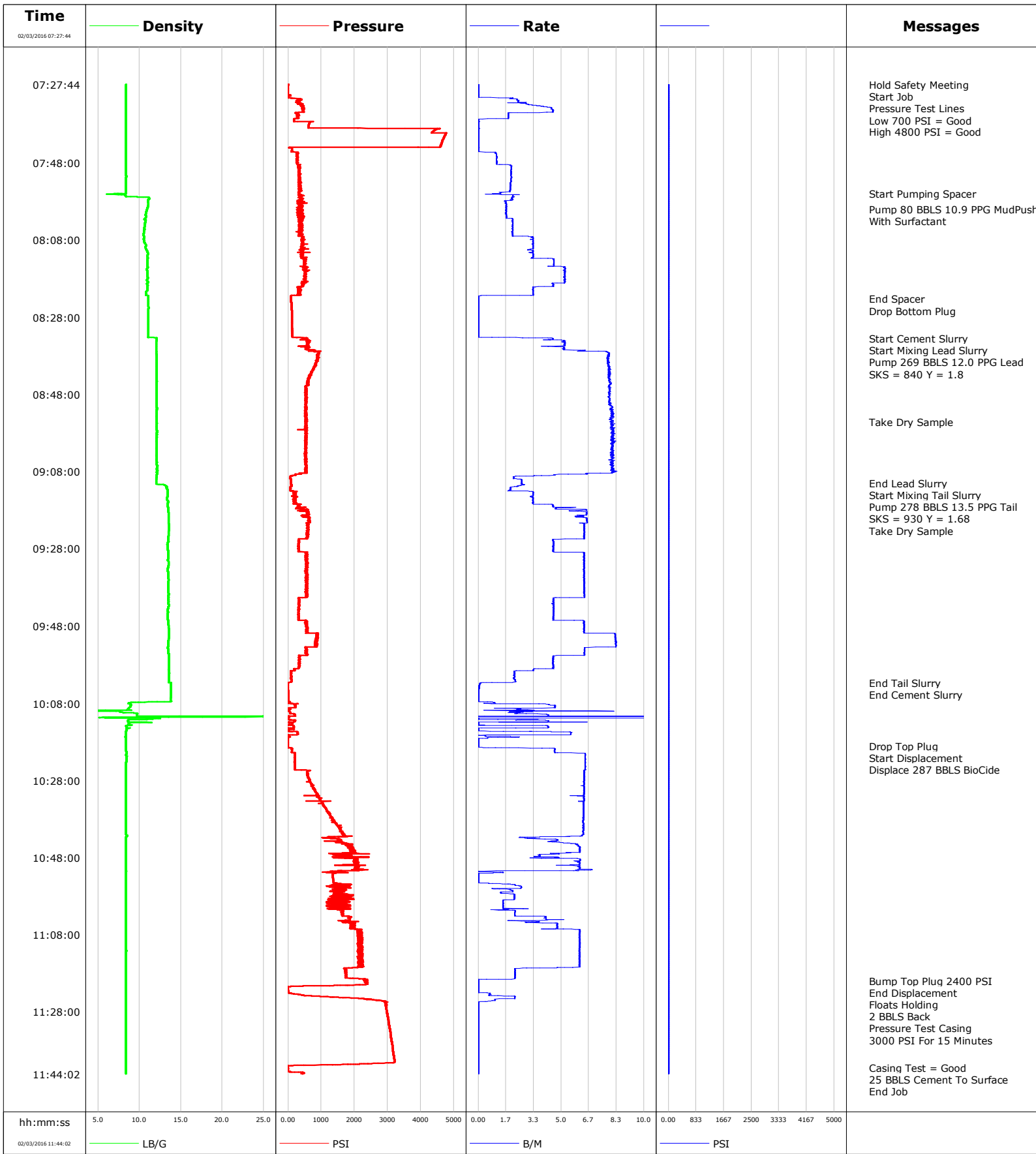


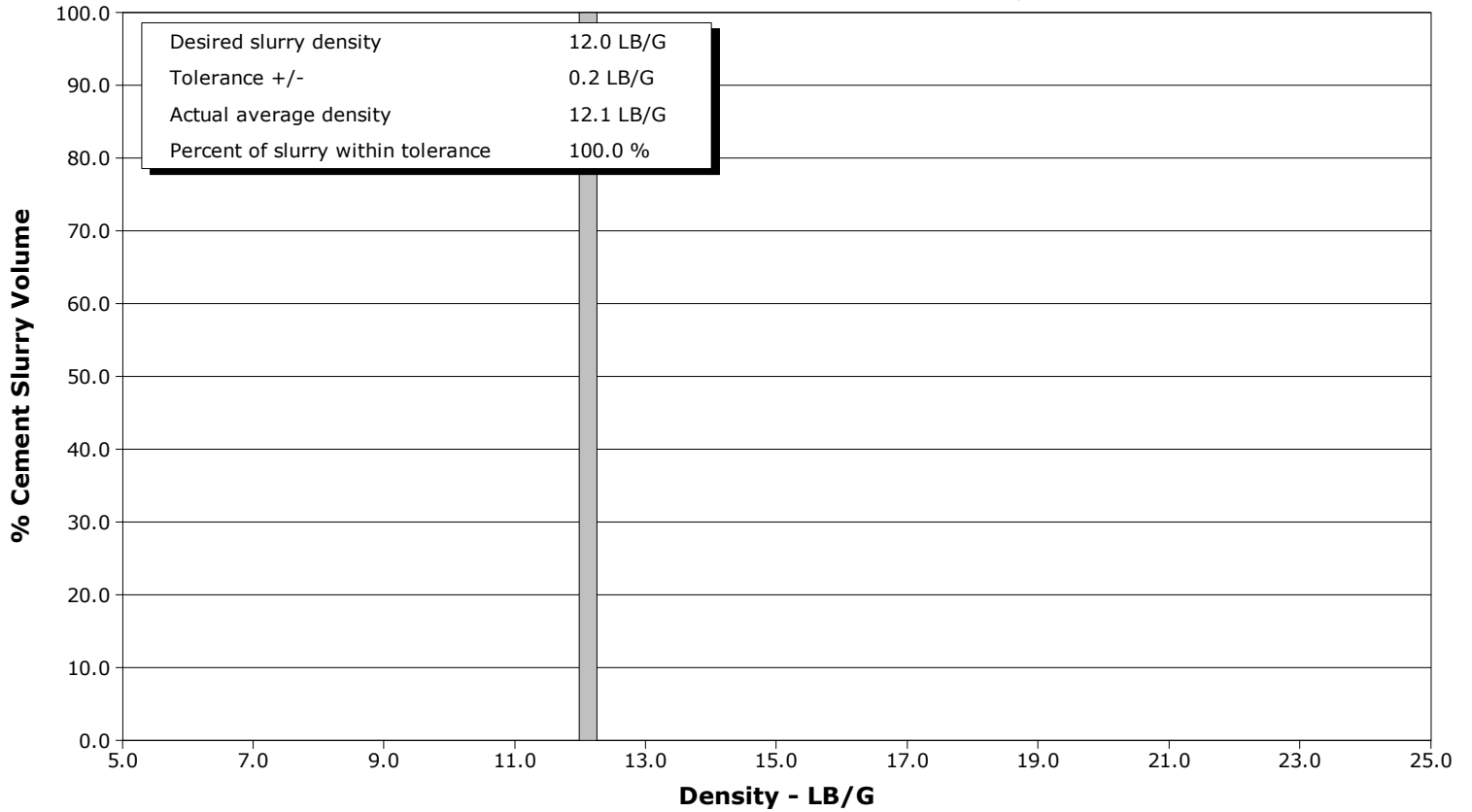
Well	Cook 26G-16HZ	Client	Anadarko
Field	Wattenberg	SIR No.	2245624
Engineer	Conley Jensen/ Ken Sovereign	Job Type	5.5" Monobore
Country	United States	Job Date	02-03-2016



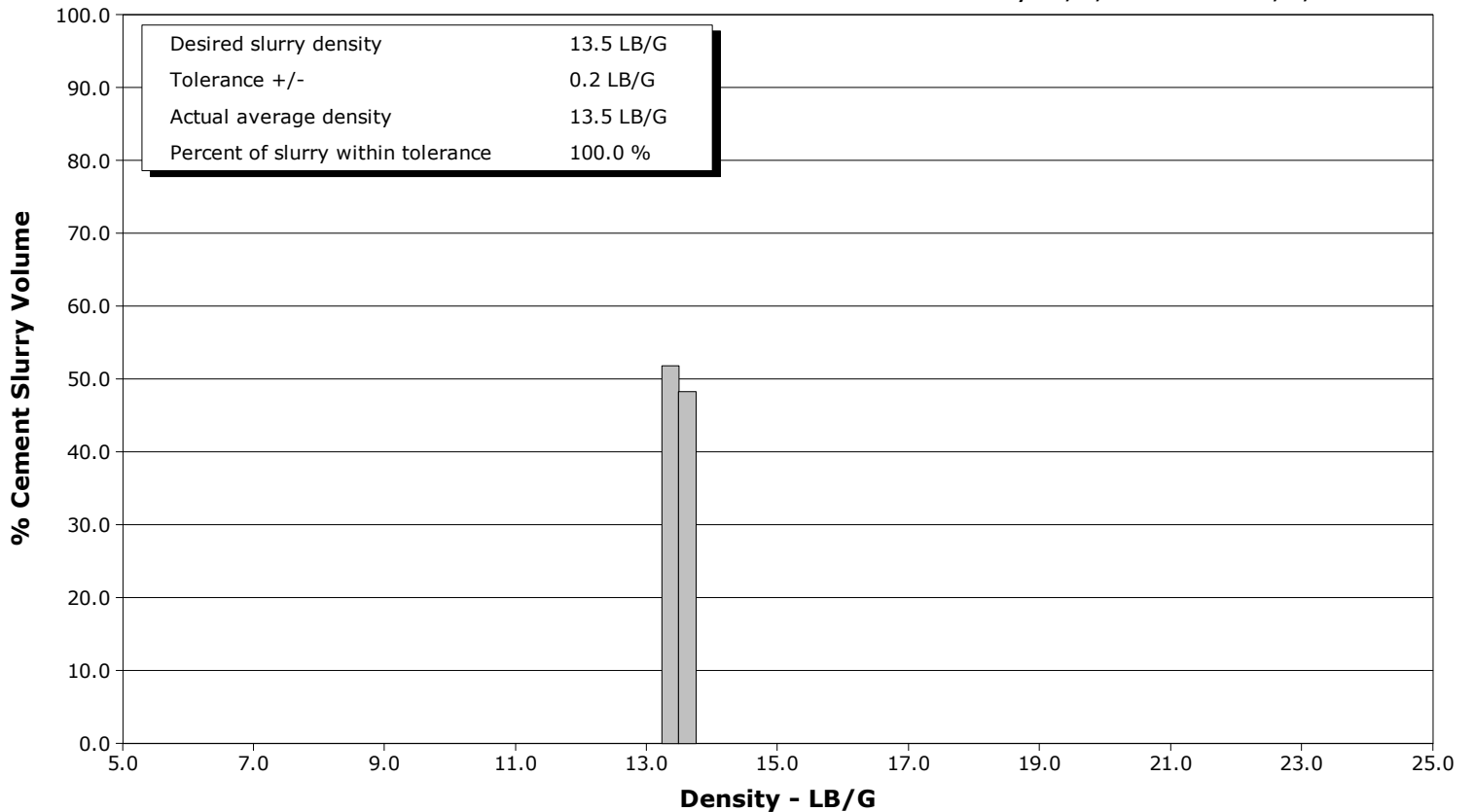
Well Cook 26G-16HZ
Field Wattenberg
Engineer Conley Jensen/ Ken Sovereign
Country United States

Client Anadarko
SIR No. 2245624
Job Type 5.5" Monobore
Job Date 02-03-2016

Lead Slurry - 02/03/2016 08:33:31 to 02/03/2016 09:11:00



Tail Slurry - 02/03/2016 09:12:33 to 02/03/2016 10:02:39



				Customer			Job Number		
				Anadarko			2245624		
Well		Location (legal)			Schlumberger Location		Job Start		
Cook 26G-16HZ 26G-16HZ					CWY		Feb/03/2016		
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenberg		Shale		deg	8.5 in	12437.0 ft	6969.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	227 degF	223 degF	lb/gal		
Well Master		API/UWI							
0631661719		05123422370000							
Rig Name	Drilled For	Service Via		Casing/Liner					
H&P 307	Oil	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type		1945.0	9.6	36.0	J55	8RD	
	New	Development		12437.0	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	Single Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Perform 5.5" Monobore Per Proposal Desin.				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		287.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		289.0 bbl		521.0 bbl		824.0 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type			
psi		Guide		12437.0 ft					
Pipe Rotated		Pipe Reciprocated		Stage Tool Type		Tool Depth			
<input type="checkbox"/>		<input type="checkbox"/>				ft			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Depth		Tail Pipe Size			
		1	1	ft		in			
Cement Head Type		Job Scheduled For		Arrived on Location		Leave Location			
Single		Feb/02/2016 23:00		Feb/02/2016 23:00		Feb/03/2016 14:00			
		Collar Type		Collar Depth		Tail Pipe Depth			
		Float		12345.0 ft		ft			
		Sqz. Total Vol.							
		bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/03/2016	07:27:44	15	0.0	8.37	0.0	Started Acquisition			
02/03/2016	07:27:45	15	0.0	8.37	0.0	Start Job			
02/03/2016	07:29:14	15	0.0	8.37	0.0				
02/03/2016	07:30:44	81	0.0	8.37	0.0				
02/03/2016	07:31:00	23	0.0	8.37	0.0	Pressure Test Lines			
02/03/2016	07:32:14	308	2.4	8.37	2.3				
02/03/2016	07:33:44	479	4.4	8.38	7.1				
02/03/2016	07:35:14	254	1.8	8.37	13.3				
02/03/2016	07:36:44	200	0.1	8.37	16.0				
02/03/2016	07:37:00	191	0.0	8.37	16.0	Low 700 PSI = Good			
02/03/2016	07:38:14	660	0.0	8.37	16.0				
02/03/2016	07:39:44	4478	0.0	8.37	16.0				
02/03/2016	07:40:00	4434	0.0	8.37	16.0	High 4800 PSI = Good			
02/03/2016	07:41:14	4781	0.0	8.37	16.0				
02/03/2016	07:42:44	4704	0.0	8.37	16.0				
02/03/2016	07:44:14	119	0.0	8.37	16.0				
02/03/2016	07:45:44	292	1.1	8.37	16.5				
02/03/2016	07:47:14	313	1.1	8.37	18.1				
02/03/2016	07:48:44	353	2.0	8.37	19.9				
02/03/2016	07:50:14	378	2.0	8.37	22.9				
02/03/2016	07:51:44	384	2.0	8.43	25.9				

Well		Field		Job Start		Customer		Job Number	
Cook 26G-16HZ 26G-16HZ		Wattenberg		Feb/03/2016		Anadarko		2245624	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/03/2016	07:54:44	391	1.9	8.37	31.8				
02/03/2016	07:56:00	391	1.3	8.37	34.0	Start Pumping Spacer			
02/03/2016	07:56:14	373	1.0	6.07	34.3				
02/03/2016	07:57:44	477	2.0	11.05	37.3				
02/03/2016	07:59:14	465	1.7	11.05	39.8				
02/03/2016	08:00:00	390	1.7	10.94	0.9	Pump 80 BBLs 10.9 PPG MudPush			
02/03/2016	08:00:44	343	1.7	10.84	2.1				
02/03/2016	08:02:14	425	1.7	10.78	4.7				
02/03/2016	08:03:44	380	2.1	10.67	7.7				
02/03/2016	08:05:14	441	2.1	10.61	10.8				
02/03/2016	08:06:44	394	2.1	10.48	13.9				
02/03/2016	08:08:14	445	3.3	10.59	18.4				
02/03/2016	08:09:44	470	3.3	10.75	23.3				
02/03/2016	08:11:14	402	3.3	10.99	28.2				
02/03/2016	08:12:44	474	3.3	10.99	33.2				
02/03/2016	08:14:14	551	4.6	10.95	39.9				
02/03/2016	08:15:44	579	5.2	10.91	47.2				
02/03/2016	08:17:14	565	5.2	10.96	55.0				
02/03/2016	08:18:44	536	5.2	10.94	62.9				
02/03/2016	08:20:14	443	3.3	10.95	69.9				
02/03/2016	08:21:44	389	3.3	10.80	74.9				
02/03/2016	08:23:14	116	0.0	11.08	77.3				
02/03/2016	08:23:21	117	0.0	11.08	77.3	End Spacer			
02/03/2016	08:23:26	118	0.0	11.08	77.3	Drop Bottom Plug			
02/03/2016	08:24:44	130	0.0	11.07	77.3				
02/03/2016	08:26:14	141	0.0	11.10	0.0				
02/03/2016	08:27:44	149	0.0	11.10	0.0				
02/03/2016	08:29:14	154	0.0	11.10	0.0				
02/03/2016	08:30:44	156	0.0	11.10	0.0				
02/03/2016	08:32:14	157	0.0	11.09	0.0				
02/03/2016	08:33:30	594	4.5	12.10	0.7	Start Cement Slurry			
02/03/2016	08:33:31	578	4.5	12.10	0.7	Start Mixing Lead Slurry			
02/03/2016	08:33:33	522	4.5	12.10	0.9	Pump 269 BBLs 12.0 PPG Lead			
02/03/2016	08:33:44	533	4.5	12.10	1.7	SKS = 840 Y = 1.8			
02/03/2016	08:35:14	684	5.2	12.03	9.3				
02/03/2016	08:36:44	751	6.4	12.05	17.2				
02/03/2016	08:38:14	926	7.9	12.10	28.8				
02/03/2016	08:39:44	895	7.9	12.09	40.5				
02/03/2016	08:41:14	804	7.9	12.12	52.3				
02/03/2016	08:42:44	731	8.0	12.08	64.2				
02/03/2016	08:44:14	641	7.9	12.08	76.1				
02/03/2016	08:45:44	627	7.9	12.10	88.0				
02/03/2016	08:47:14	609	7.9	12.10	99.9				
02/03/2016	08:48:44	588	7.9	12.09	111.8				
02/03/2016	08:50:14	599	8.0	12.10	123.7				
02/03/2016	08:51:44	599	8.0	12.13	135.7				
02/03/2016	08:53:14	585	8.1	12.10	147.8				
02/03/2016	08:54:44	599	8.1	12.08	159.9				
02/03/2016	08:55:07	601	8.0	12.09	163.0	Take Dry Sample			
02/03/2016	08:56:14	586	8.1	12.09	172.0				
02/03/2016	08:57:44	569	8.1	12.14	184.2				
02/03/2016	08:59:14	598	8.1	12.12	196.4				
02/03/2016	09:00:44	596	8.2	12.09	208.6				
02/03/2016	09:02:14	562	8.1	12.10	220.8				

Well Cook 26G-16HZ 26G-16HZ			Field Wattenberg		Job Start Feb/03/2016	Customer Anadarko	Job Number 2245624
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/03/2016	09:05:14	586	8.1	12.10	245.0		
02/03/2016	09:06:44	574	8.1	12.16	257.2		
02/03/2016	09:08:14	583	8.2	12.06	269.4		
02/03/2016	09:09:44	113	2.1	12.06	276.3		
02/03/2016	09:11:00	134	2.6	12.06	279.5		End Lead Slurry
02/03/2016	09:11:14	133	2.6	12.06	280.1		
02/03/2016	09:12:33	123	2.0	13.35	0.2		Start Mixing Tail Slurry
02/03/2016	09:12:43	123	2.0	13.39	0.5		Pump 278 BBLs 13.5 PPG Tail
02/03/2016	09:12:44	123	2.0	13.39	0.5		
02/03/2016	09:12:54	119	1.8	13.42	0.8		SKS = 930 Y = 1.68
02/03/2016	09:13:11	236	3.2	13.43	1.5		Take Dry Sample
02/03/2016	09:14:14	259	3.3	13.41	4.9		
02/03/2016	09:15:44	274	3.3	13.46	9.9		
02/03/2016	09:17:14	358	4.5	13.44	15.7		
02/03/2016	09:18:44	654	6.5	13.51	24.4		
02/03/2016	09:20:14	626	6.5	13.53	34.1		
02/03/2016	09:21:44	622	6.4	13.57	43.8		
02/03/2016	09:23:14	595	6.4	13.57	53.3		
02/03/2016	09:24:44	622	6.4	13.51	63.0		
02/03/2016	09:26:14	368	4.6	13.53	71.3		
02/03/2016	09:27:44	365	4.5	13.40	78.1		
02/03/2016	09:29:14	607	6.4	13.45	85.5		
02/03/2016	09:30:44	591	6.4	13.44	95.1		
02/03/2016	09:32:14	658	6.4	13.51	104.7		
02/03/2016	09:33:44	593	6.4	13.42	114.3		
02/03/2016	09:35:14	628	6.4	13.49	123.9		
02/03/2016	09:36:44	633	6.4	13.50	133.5		
02/03/2016	09:38:14	635	6.4	13.48	143.1		
02/03/2016	09:39:44	605	6.4	13.59	152.7		
02/03/2016	09:41:14	378	4.5	13.48	161.3		
02/03/2016	09:42:44	393	4.5	13.58	168.1		
02/03/2016	09:44:14	360	4.5	13.41	174.9		
02/03/2016	09:45:44	372	4.5	13.44	181.7		
02/03/2016	09:47:14	606	6.4	13.47	189.8		
02/03/2016	09:48:44	653	6.4	13.56	199.4		
02/03/2016	09:50:14	950	8.3	13.57	209.6		
02/03/2016	09:51:44	896	8.3	13.52	222.0		
02/03/2016	09:53:14	866	8.3	13.45	234.5		
02/03/2016	09:54:44	607	6.4	13.49	244.7		
02/03/2016	09:56:14	392	4.5	13.62	253.3		
02/03/2016	09:57:44	368	4.5	13.59	260.0		
02/03/2016	09:59:14	266	3.3	13.54	266.7		
02/03/2016	10:00:44	146	2.2	13.60	270.4		
02/03/2016	10:02:14	151	2.2	13.61	273.7		
02/03/2016	10:02:39	57	1.2	13.62	274.6		End Tail Slurry
02/03/2016	10:02:40	50	0.8	13.79	274.6		End Cement Slurry
02/03/2016	10:03:44	52	0.0	13.82	274.8		
02/03/2016	10:05:14	57	0.0	13.82	274.8		
02/03/2016	10:06:44	57	0.0	13.80	274.8		
02/03/2016	10:08:14	299	4.1	8.89	275.5		
02/03/2016	10:09:44	95	2.3	8.64	281.3		
02/03/2016	10:11:14	252	4.2	9.71	285.9		
02/03/2016	10:12:44	237	4.2	8.65	295.7		
02/03/2016	10:14:14	226	4.2	8.43	298.5		

Well			Field		Job Start	Customer	Job Number
Cook 26G-16HZ 26G-16HZ			Wattenberg		Feb/03/2016	Anadarko	2245624
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/03/2016	10:17:14	47	0.0	8.37	305.2		
02/03/2016	10:18:44	45	0.0	8.38	0.0		
02/03/2016	10:19:00	45	0.0	8.37	0.0	Drop Top Plug	
02/03/2016	10:20:14	167	4.6	8.41	2.8		
02/03/2016	10:21:44	250	6.5	8.48	11.3		
02/03/2016	10:23:14	249	6.5	8.42	20.9		
02/03/2016	10:24:44	249	6.5	8.39	30.6		
02/03/2016	10:25:11	246	6.5	8.40	33.5	Displace 287 BBLs BioCide	
02/03/2016	10:26:14	655	6.4	8.39	40.3		
02/03/2016	10:27:44	693	6.4	8.39	49.9		
02/03/2016	10:29:14	788	6.4	8.39	59.5		
02/03/2016	10:30:44	871	6.4	8.39	69.0		
02/03/2016	10:32:14	974	6.4	8.39	78.6		
02/03/2016	10:33:44	1092	6.3	8.39	88.1		
02/03/2016	10:35:14	1190	6.4	8.39	97.7		
02/03/2016	10:36:44	1313	6.4	8.39	107.2		
02/03/2016	10:38:14	1435	6.4	8.39	116.7		
02/03/2016	10:39:44	1557	6.3	8.39	126.2		
02/03/2016	10:41:14	1682	6.3	8.39	135.8		
02/03/2016	10:42:44	1275	2.5	8.39	144.8		
02/03/2016	10:44:14	1655	5.4	8.39	151.1		
02/03/2016	10:45:44	2010	6.1	8.39	160.1		
02/03/2016	10:47:14	1814	3.7	8.39	168.7		
02/03/2016	10:48:44	2053	6.2	8.39	175.7		
02/03/2016	10:50:14	2128	6.1	8.39	184.7		
02/03/2016	10:51:44	1497	1.1	8.39	192.4		
02/03/2016	10:53:14	1407	0.0	8.39	192.7		
02/03/2016	10:54:44	1604	0.8	8.39	192.8		
02/03/2016	10:56:14	1675	1.9	8.40	196.0		
02/03/2016	10:57:44	1709	2.2	8.39	198.8		
02/03/2016	10:59:14	1886	1.5	8.39	201.9		
02/03/2016	11:00:44	1556	1.5	8.39	204.2		
02/03/2016	11:02:14	1688	2.2	8.39	206.9		
02/03/2016	11:03:44	1933	4.1	8.39	211.2		
02/03/2016	11:05:14	2033	4.8	8.39	217.0		
02/03/2016	11:06:44	2174	6.1	8.39	224.3		
02/03/2016	11:08:14	2273	6.1	8.39	233.5		
02/03/2016	11:09:44	2290	6.1	8.39	242.7		
02/03/2016	11:11:14	2324	6.1	8.39	251.8		
02/03/2016	11:12:44	2272	6.1	8.38	261.0		
02/03/2016	11:14:14	2333	6.1	8.38	270.2		
02/03/2016	11:15:44	2186	6.1	8.38	279.4		
02/03/2016	11:17:14	1787	2.2	8.37	285.9		
02/03/2016	11:18:44	1818	2.2	8.37	289.3		
02/03/2016	11:19:55	2365	0.0	8.37	291.0	Bump Top Plug 2400 PSI	
02/03/2016	11:19:56	2420	0.0	8.37	291.0	End Displacement	
02/03/2016	11:20:14	2476	0.0	8.37	291.0		
02/03/2016	11:21:44	41	0.0	8.37	291.0		
02/03/2016	11:22:02	43	0.0	8.37	291.0	Floats Holding	
02/03/2016	11:23:14	217	0.7	8.37	291.2		
02/03/2016	11:24:44	2501	1.0	8.37	293.4		
02/03/2016	11:25:14	3052	0.6	8.37	293.8	Pressure Test Casing	
02/03/2016	11:26:14	3032	0.0	8.37	293.9		
02/03/2016	11:27:44	3063	0.0	8.38	293.9		

Well		Field		Job Start		Customer		Job Number	
Cook 26G-16HZ 26G-16HZ		Wattenberg		Feb/03/2016		Anadarko		2245624	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/03/2016	11:30:44	3111	0.0	8.38	293.9				
02/03/2016	11:32:14	3138	0.0	8.38	293.9				
02/03/2016	11:33:44	3165	0.0	8.38	293.9				
02/03/2016	11:35:14	3191	0.0	8.37	293.9				
02/03/2016	11:36:44	3216	0.0	8.37	293.9				
02/03/2016	11:38:14	3243	0.0	8.38	293.9				
02/03/2016	11:39:44	3270	0.0	8.38	293.9				
02/03/2016	11:41:14	2960	0.0	8.38	293.9				
02/03/2016	11:42:28	38	0.0	8.38	293.9	Casing Test = Good			
02/03/2016	11:42:34	39	0.0	8.38	293.9	25 BBLs Cement To Surface			
02/03/2016	11:42:44	39	0.0	8.38	293.9				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
4.9			25.0	548.0	0.0	80.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
4837	460	957	2400			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	25.0 bbl	
%	548.0 bbl	285.0 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"/>	
Rick Duran	Conley Jensen/ Ken Sovereign			-		-		



Service Quality Evaluation

Client:	Anadarko
Field:	Wattenberg
Rig:	H&P 307
Well:	Cook 26G-16HZ
Service Line:	Cementing
Job Type:	5.5" Monobore

Service Order #:	
Date:	Feb/03/2016
Operating Time (hh:mm):	00:00
Client Rep:	Rick Duran
Schlumberger Engineer:	Conley Jensen/ Ken Sovereign
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%

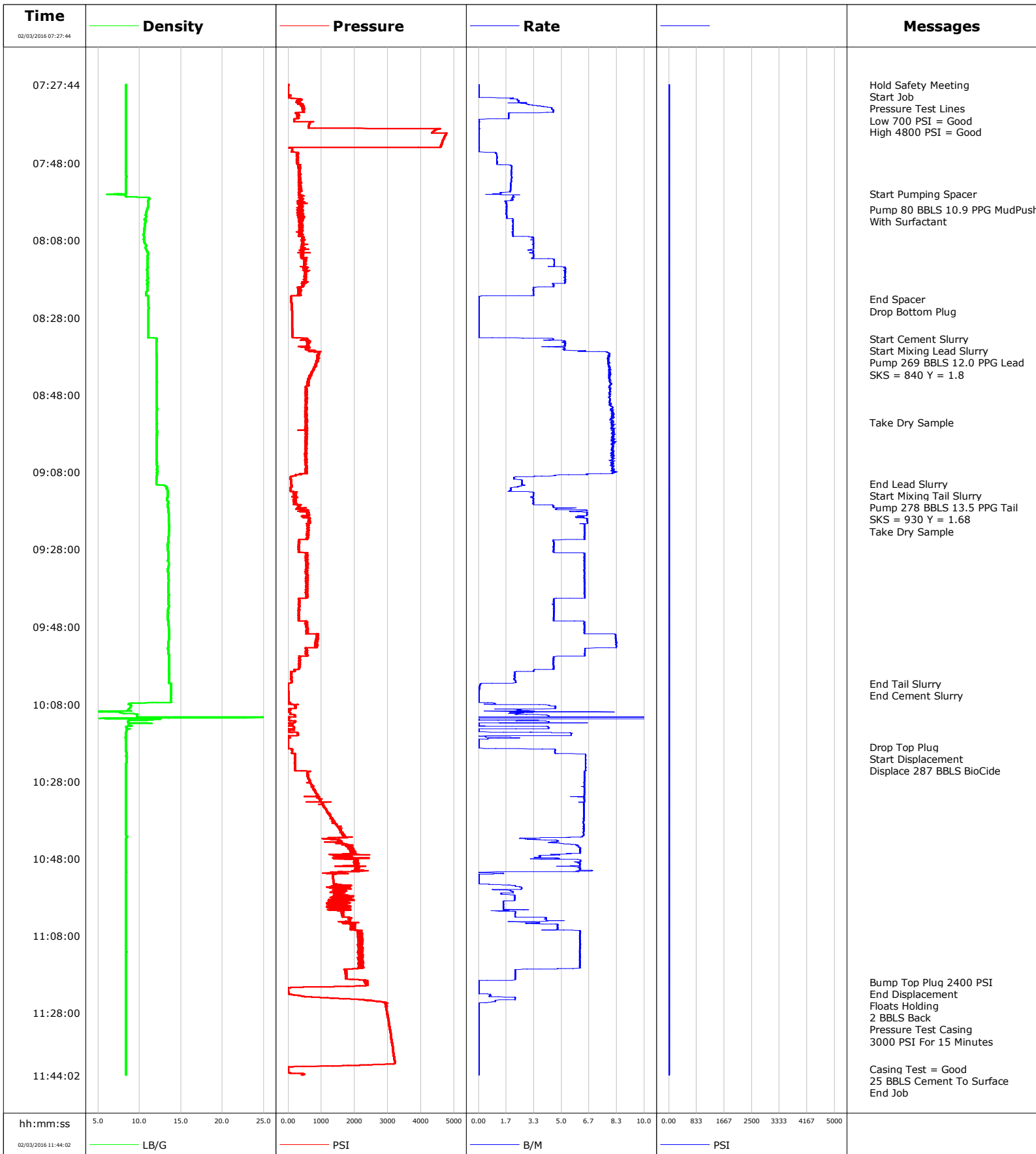
4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

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:

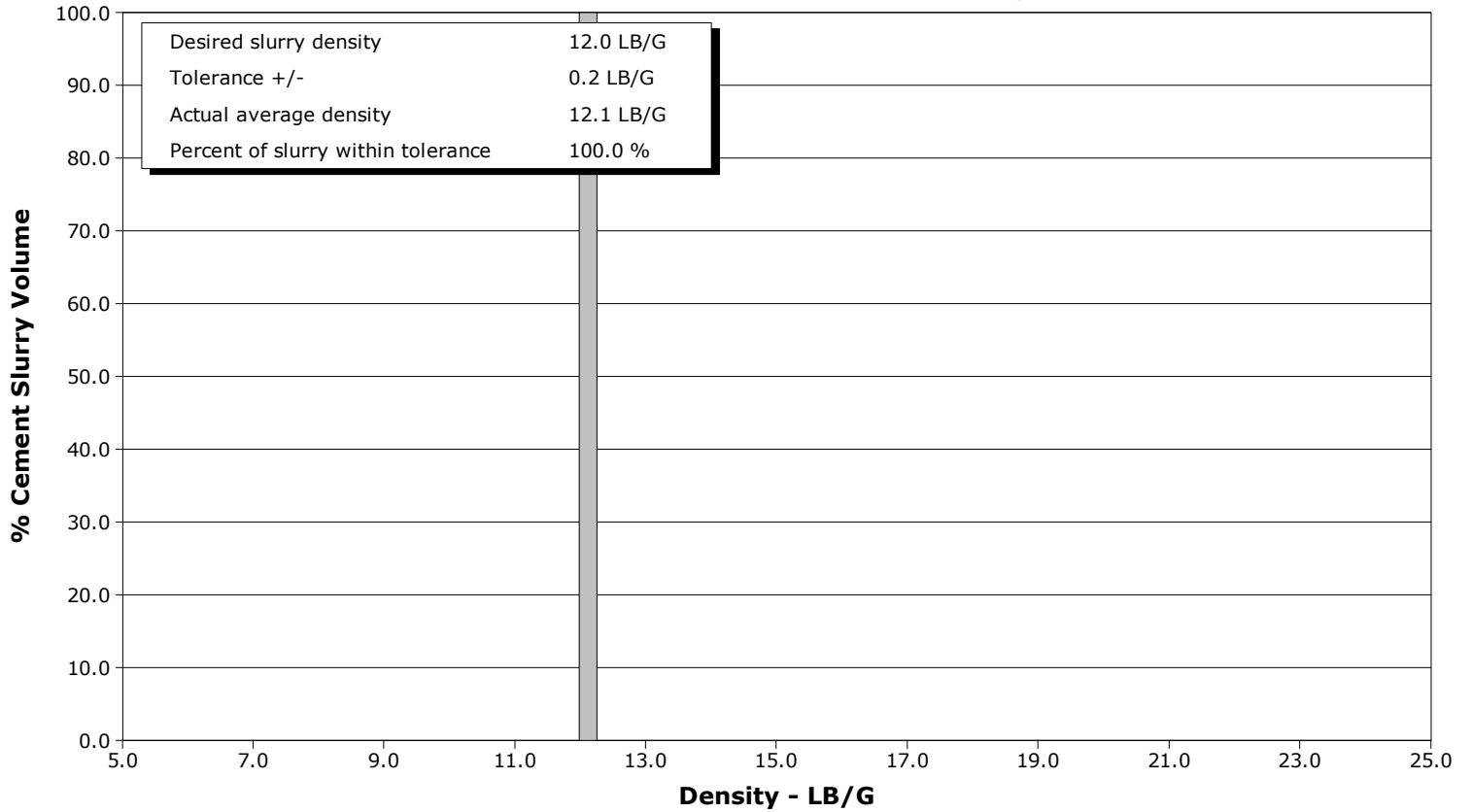
Well	Cook 26G-16HZ	Client	Anadarko
Field	Wattenberg	SIR No.	2245624
Engineer	Conley Jensen/ Ken Sovereign	Job Type	5.5" Monobore
Country	United States	Job Date	02-03-2016



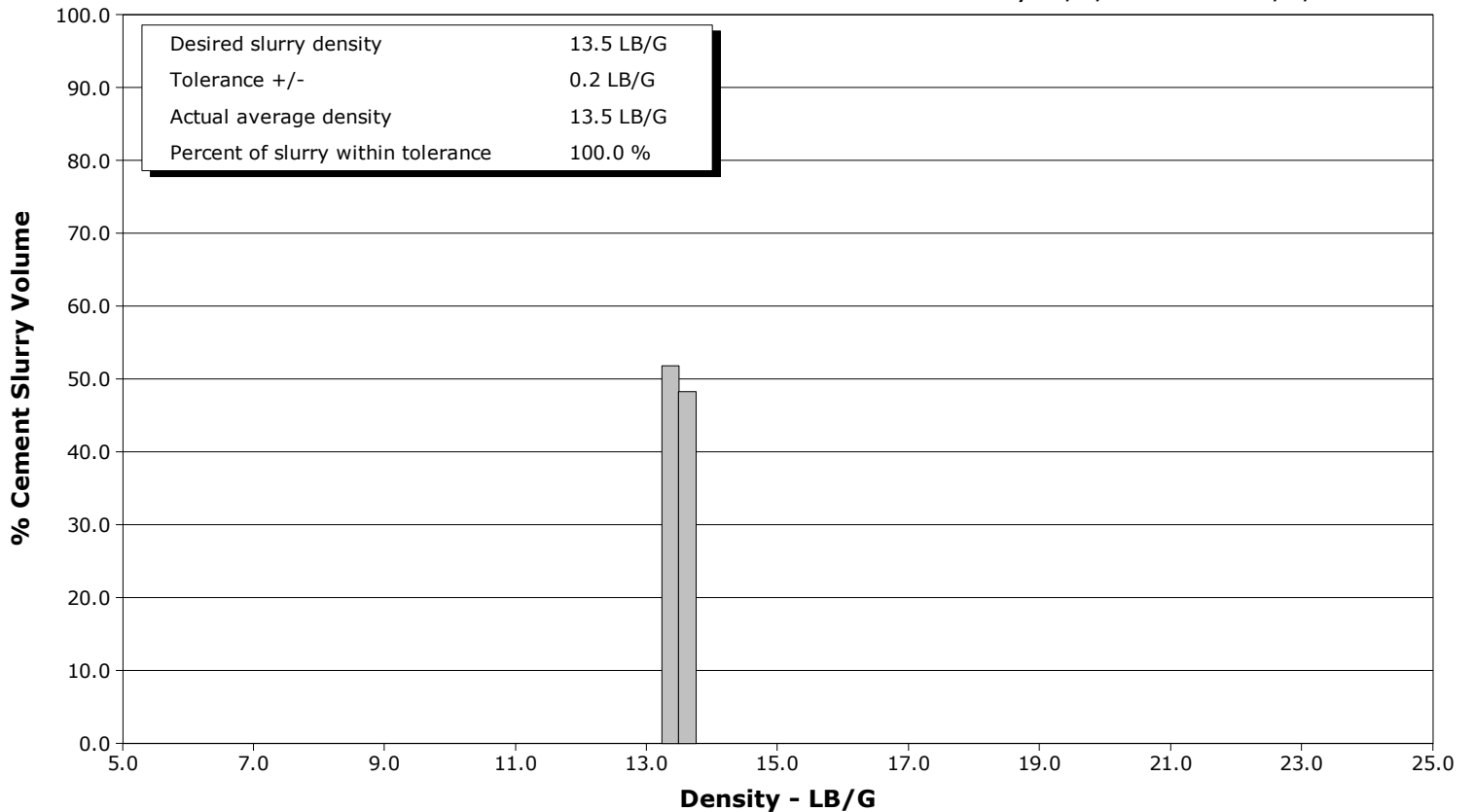
Well Cook 26G-16HZ
Field Wattenberg
Engineer Conley Jensen/ Ken Sovereign
Country United States

Client Anadarko
SIR No. 2245624
Job Type 5.5" Monobore
Job Date 02-03-2016

Lead Slurry - 02/03/2016 08:33:31 to 02/03/2016 09:11:00



Tail Slurry - 02/03/2016 09:12:33 to 02/03/2016 10:02:39



				Customer Anadarko			Job Number 2245624											
Well Cook 26G-16HZ 26G-16HZ			Location (legal)			Schlumberger Location CWY			Job Start Feb/03/2016									
Field Wattenberg		Formation Name/Type Shale			Deviation deg		Bit Size 8.5 in		Well MD 12437.0 ft		Well TVD 6969.0 ft							
County Weld		State/Province Colorado			BHP psi		BHST 227 degF		BHCT 223 degF		Pore Press. Gradient lb/gal							
Well Master 0631661719		API/UWI 05123422370000																
Rig Name H&P 307		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		1945.0		9.6		36.0		J55		8RD				
						12437.0		5.5		17.0		P110		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 5.5" Monobore															
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			
Service Instructions Perform 5.5" Monobore Per Proposal Desin.							ft		ft						Diameter in			
							ft		ft									
							Treat Down Casing		Displacement 287.0 bbl		Packer Type		Packer Depth ft					
							Tubing Vol. bbl		Casing Vol. 289.0 bbl		Annular Vol. 521.0 bbl		Openhole Vol. 824.0 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 12437.0 ft			Tool Type									
No. Centralizers			Top Plugs 1		Bottom Plugs 1		Stage Tool Type			Tool Depth ft								
Cement Head Type Single						Stage Tool Depth ft			Tail Pipe Size in									
Job Scheduled For Feb/02/2016 23:00			Arrived on Location Feb/02/2016 23:00			Leave Location Feb/03/2016 14:00			Collar Type Float			Tail Pipe Depth ft						
									Collar Depth 12345.0 ft			Sqz. Total Vol. bbl						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
02/03/2016	07:27:44	15	0.0	8.37	0.0	Started Acquisition												
02/03/2016	07:27:45	15	0.0	8.37	0.0	Start Job												
02/03/2016	07:29:14	15	0.0	8.37	0.0													
02/03/2016	07:30:44	81	0.0	8.37	0.0													
02/03/2016	07:31:00	23	0.0	8.37	0.0	Pressure Test Lines												
02/03/2016	07:32:14	308	2.4	8.37	2.3													
02/03/2016	07:33:44	479	4.4	8.38	7.1													
02/03/2016	07:35:14	254	1.8	8.37	13.3													
02/03/2016	07:36:44	200	0.1	8.37	16.0													
02/03/2016	07:37:00	191	0.0	8.37	16.0	Low 700 PSI = Good												
02/03/2016	07:38:14	660	0.0	8.37	16.0													
02/03/2016	07:39:44	4478	0.0	8.37	16.0													
02/03/2016	07:40:00	4434	0.0	8.37	16.0	High 4800 PSI = Good												
02/03/2016	07:41:14	4781	0.0	8.37	16.0													
02/03/2016	07:42:44	4704	0.0	8.37	16.0													
02/03/2016	07:44:14	119	0.0	8.37	16.0													
02/03/2016	07:45:44	292	1.1	8.37	16.5													
02/03/2016	07:47:14	313	1.1	8.37	18.1													
02/03/2016	07:48:44	353	2.0	8.37	19.9													
02/03/2016	07:50:14	378	2.0	8.37	22.9													
02/03/2016	07:51:44	384	2.0	8.43	25.9													

Well		Field		Job Start		Customer		Job Number	
Cook 26G-16HZ 26G-16HZ		Wattenberg		Feb/03/2016		Anadarko		2245624	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/03/2016	07:54:44	391	1.9	8.37	31.8				
02/03/2016	07:56:00	391	1.3	8.37	34.0	Start Pumping Spacer			
02/03/2016	07:56:14	373	1.0	6.07	34.3				
02/03/2016	07:57:44	477	2.0	11.05	37.3				
02/03/2016	07:59:14	465	1.7	11.05	39.8				
02/03/2016	08:00:00	390	1.7	10.94	0.9	Pump 80 BBLs 10.9 PPG MudPush			
02/03/2016	08:00:44	343	1.7	10.84	2.1				
02/03/2016	08:02:14	425	1.7	10.78	4.7				
02/03/2016	08:03:44	380	2.1	10.67	7.7				
02/03/2016	08:05:14	441	2.1	10.61	10.8				
02/03/2016	08:06:44	394	2.1	10.48	13.9				
02/03/2016	08:08:14	445	3.3	10.59	18.4				
02/03/2016	08:09:44	470	3.3	10.75	23.3				
02/03/2016	08:11:14	402	3.3	10.99	28.2				
02/03/2016	08:12:44	474	3.3	10.99	33.2				
02/03/2016	08:14:14	551	4.6	10.95	39.9				
02/03/2016	08:15:44	579	5.2	10.91	47.2				
02/03/2016	08:17:14	565	5.2	10.96	55.0				
02/03/2016	08:18:44	536	5.2	10.94	62.9				
02/03/2016	08:20:14	443	3.3	10.95	69.9				
02/03/2016	08:21:44	389	3.3	10.80	74.9				
02/03/2016	08:23:14	116	0.0	11.08	77.3				
02/03/2016	08:23:21	117	0.0	11.08	77.3	End Spacer			
02/03/2016	08:23:26	118	0.0	11.08	77.3	Drop Bottom Plug			
02/03/2016	08:24:44	130	0.0	11.07	77.3				
02/03/2016	08:26:14	141	0.0	11.10	0.0				
02/03/2016	08:27:44	149	0.0	11.10	0.0				
02/03/2016	08:29:14	154	0.0	11.10	0.0				
02/03/2016	08:30:44	156	0.0	11.10	0.0				
02/03/2016	08:32:14	157	0.0	11.09	0.0				
02/03/2016	08:33:30	594	4.5	12.10	0.7	Start Cement Slurry			
02/03/2016	08:33:31	578	4.5	12.10	0.7	Start Mixing Lead Slurry			
02/03/2016	08:33:33	522	4.5	12.10	0.9	Pump 269 BBLs 12.0 PPG Lead			
02/03/2016	08:33:44	533	4.5	12.10	1.7	SKS = 840 Y = 1.8			
02/03/2016	08:35:14	684	5.2	12.03	9.3				
02/03/2016	08:36:44	751	6.4	12.05	17.2				
02/03/2016	08:38:14	926	7.9	12.10	28.8				
02/03/2016	08:39:44	895	7.9	12.09	40.5				
02/03/2016	08:41:14	804	7.9	12.12	52.3				
02/03/2016	08:42:44	731	8.0	12.08	64.2				
02/03/2016	08:44:14	641	7.9	12.08	76.1				
02/03/2016	08:45:44	627	7.9	12.10	88.0				
02/03/2016	08:47:14	609	7.9	12.10	99.9				
02/03/2016	08:48:44	588	7.9	12.09	111.8				
02/03/2016	08:50:14	599	8.0	12.10	123.7				
02/03/2016	08:51:44	599	8.0	12.13	135.7				
02/03/2016	08:53:14	585	8.1	12.10	147.8				
02/03/2016	08:54:44	599	8.1	12.08	159.9				
02/03/2016	08:55:07	601	8.0	12.09	163.0	Take Dry Sample			
02/03/2016	08:56:14	586	8.1	12.09	172.0				
02/03/2016	08:57:44	569	8.1	12.14	184.2				
02/03/2016	08:59:14	598	8.1	12.12	196.4				
02/03/2016	09:00:44	596	8.2	12.09	208.6				
02/03/2016	09:02:14	562	8.1	12.10	220.8				

Well			Field		Job Start	Customer	Job Number
Cook 26G-16HZ 26G-16HZ			Wattenberg		Feb/03/2016	Anadarko	2245624
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/03/2016	09:05:14	586	8.1	12.10	245.0		
02/03/2016	09:06:44	574	8.1	12.16	257.2		
02/03/2016	09:08:14	583	8.2	12.06	269.4		
02/03/2016	09:09:44	113	2.1	12.06	276.3		
02/03/2016	09:11:00	134	2.6	12.06	279.5	End Lead Slurry	
02/03/2016	09:11:14	133	2.6	12.06	280.1		
02/03/2016	09:12:33	123	2.0	13.35	0.2	Start Mixing Tail Slurry	
02/03/2016	09:12:43	123	2.0	13.39	0.5	Pump 278 BBLs 13.5 PPG Tail	
02/03/2016	09:12:44	123	2.0	13.39	0.5		
02/03/2016	09:12:54	119	1.8	13.42	0.8	SKS = 930 Y = 1.68	
02/03/2016	09:13:11	236	3.2	13.43	1.5	Take Dry Sample	
02/03/2016	09:14:14	259	3.3	13.41	4.9		
02/03/2016	09:15:44	274	3.3	13.46	9.9		
02/03/2016	09:17:14	358	4.5	13.44	15.7		
02/03/2016	09:18:44	654	6.5	13.51	24.4		
02/03/2016	09:20:14	626	6.5	13.53	34.1		
02/03/2016	09:21:44	622	6.4	13.57	43.8		
02/03/2016	09:23:14	595	6.4	13.57	53.3		
02/03/2016	09:24:44	622	6.4	13.51	63.0		
02/03/2016	09:26:14	368	4.6	13.53	71.3		
02/03/2016	09:27:44	365	4.5	13.40	78.1		
02/03/2016	09:29:14	607	6.4	13.45	85.5		
02/03/2016	09:30:44	591	6.4	13.44	95.1		
02/03/2016	09:32:14	658	6.4	13.51	104.7		
02/03/2016	09:33:44	593	6.4	13.42	114.3		
02/03/2016	09:35:14	628	6.4	13.49	123.9		
02/03/2016	09:36:44	633	6.4	13.50	133.5		
02/03/2016	09:38:14	635	6.4	13.48	143.1		
02/03/2016	09:39:44	605	6.4	13.59	152.7		
02/03/2016	09:41:14	378	4.5	13.48	161.3		
02/03/2016	09:42:44	393	4.5	13.58	168.1		
02/03/2016	09:44:14	360	4.5	13.41	174.9		
02/03/2016	09:45:44	372	4.5	13.44	181.7		
02/03/2016	09:47:14	606	6.4	13.47	189.8		
02/03/2016	09:48:44	653	6.4	13.56	199.4		
02/03/2016	09:50:14	950	8.3	13.57	209.6		
02/03/2016	09:51:44	896	8.3	13.52	222.0		
02/03/2016	09:53:14	866	8.3	13.45	234.5		
02/03/2016	09:54:44	607	6.4	13.49	244.7		
02/03/2016	09:56:14	392	4.5	13.62	253.3		
02/03/2016	09:57:44	368	4.5	13.59	260.0		
02/03/2016	09:59:14	266	3.3	13.54	266.7		
02/03/2016	10:00:44	146	2.2	13.60	270.4		
02/03/2016	10:02:14	151	2.2	13.61	273.7		
02/03/2016	10:02:39	57	1.2	13.62	274.6	End Tail Slurry	
02/03/2016	10:02:40	50	0.8	13.79	274.6	End Cement Slurry	
02/03/2016	10:03:44	52	0.0	13.82	274.8		
02/03/2016	10:05:14	57	0.0	13.82	274.8		
02/03/2016	10:06:44	57	0.0	13.80	274.8		
02/03/2016	10:08:14	299	4.1	8.89	275.5		
02/03/2016	10:09:44	95	2.3	8.64	281.3		
02/03/2016	10:11:14	252	4.2	9.71	285.9		
02/03/2016	10:12:44	237	4.2	8.65	295.7		
02/03/2016	10:14:14	226	4.2	8.43	298.5		

Well			Field		Job Start	Customer	Job Number
Cook 26G-16HZ 26G-16HZ			Wattenberg		Feb/03/2016	Anadarko	2245624
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/03/2016	10:17:14	47	0.0	8.37	305.2		
02/03/2016	10:18:44	45	0.0	8.38	0.0		
02/03/2016	10:19:00	45	0.0	8.37	0.0	Drop Top Plug	
02/03/2016	10:20:14	167	4.6	8.41	2.8		
02/03/2016	10:21:44	250	6.5	8.48	11.3		
02/03/2016	10:23:14	249	6.5	8.42	20.9		
02/03/2016	10:24:44	249	6.5	8.39	30.6		
02/03/2016	10:25:11	246	6.5	8.40	33.5	Displace 287 BBLs BioCide	
02/03/2016	10:26:14	655	6.4	8.39	40.3		
02/03/2016	10:27:44	693	6.4	8.39	49.9		
02/03/2016	10:29:14	788	6.4	8.39	59.5		
02/03/2016	10:30:44	871	6.4	8.39	69.0		
02/03/2016	10:32:14	974	6.4	8.39	78.6		
02/03/2016	10:33:44	1092	6.3	8.39	88.1		
02/03/2016	10:35:14	1190	6.4	8.39	97.7		
02/03/2016	10:36:44	1313	6.4	8.39	107.2		
02/03/2016	10:38:14	1435	6.4	8.39	116.7		
02/03/2016	10:39:44	1557	6.3	8.39	126.2		
02/03/2016	10:41:14	1682	6.3	8.39	135.8		
02/03/2016	10:42:44	1275	2.5	8.39	144.8		
02/03/2016	10:44:14	1655	5.4	8.39	151.1		
02/03/2016	10:45:44	2010	6.1	8.39	160.1		
02/03/2016	10:47:14	1814	3.7	8.39	168.7		
02/03/2016	10:48:44	2053	6.2	8.39	175.7		
02/03/2016	10:50:14	2128	6.1	8.39	184.7		
02/03/2016	10:51:44	1497	1.1	8.39	192.4		
02/03/2016	10:53:14	1407	0.0	8.39	192.7		
02/03/2016	10:54:44	1604	0.8	8.39	192.8		
02/03/2016	10:56:14	1675	1.9	8.40	196.0		
02/03/2016	10:57:44	1709	2.2	8.39	198.8		
02/03/2016	10:59:14	1886	1.5	8.39	201.9		
02/03/2016	11:00:44	1556	1.5	8.39	204.2		
02/03/2016	11:02:14	1688	2.2	8.39	206.9		
02/03/2016	11:03:44	1933	4.1	8.39	211.2		
02/03/2016	11:05:14	2033	4.8	8.39	217.0		
02/03/2016	11:06:44	2174	6.1	8.39	224.3		
02/03/2016	11:08:14	2273	6.1	8.39	233.5		
02/03/2016	11:09:44	2290	6.1	8.39	242.7		
02/03/2016	11:11:14	2324	6.1	8.39	251.8		
02/03/2016	11:12:44	2272	6.1	8.38	261.0		
02/03/2016	11:14:14	2333	6.1	8.38	270.2		
02/03/2016	11:15:44	2186	6.1	8.38	279.4		
02/03/2016	11:17:14	1787	2.2	8.37	285.9		
02/03/2016	11:18:44	1818	2.2	8.37	289.3		
02/03/2016	11:19:55	2365	0.0	8.37	291.0	Bump Top Plug 2400 PSI	
02/03/2016	11:19:56	2420	0.0	8.37	291.0	End Displacement	
02/03/2016	11:20:14	2476	0.0	8.37	291.0		
02/03/2016	11:21:44	41	0.0	8.37	291.0		
02/03/2016	11:22:02	43	0.0	8.37	291.0	Floats Holding	
02/03/2016	11:23:14	217	0.7	8.37	291.2		
02/03/2016	11:24:44	2501	1.0	8.37	293.4		
02/03/2016	11:25:14	3052	0.6	8.37	293.8	Pressure Test Casing	
02/03/2016	11:26:14	3032	0.0	8.37	293.9		
02/03/2016	11:27:44	3063	0.0	8.38	293.9		

Well		Field		Job Start		Customer		Job Number	
Cook 26G-16HZ 26G-16HZ		Wattenberg		Feb/03/2016		Anadarko		2245624	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/03/2016	11:30:44	3111	0.0	8.38	293.9				
02/03/2016	11:32:14	3138	0.0	8.38	293.9				
02/03/2016	11:33:44	3165	0.0	8.38	293.9				
02/03/2016	11:35:14	3191	0.0	8.37	293.9				
02/03/2016	11:36:44	3216	0.0	8.37	293.9				
02/03/2016	11:38:14	3243	0.0	8.38	293.9				
02/03/2016	11:39:44	3270	0.0	8.38	293.9				
02/03/2016	11:41:14	2960	0.0	8.38	293.9				
02/03/2016	11:42:28	38	0.0	8.38	293.9	Casing Test = Good			
02/03/2016	11:42:34	39	0.0	8.38	293.9	25 BBLs Cement To Surface			
02/03/2016	11:42:44	39	0.0	8.38	293.9				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
4.9			25.0	548.0	0.0	80.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
4837	460	957	2400			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	25.0 bbl	
%	548.0 bbl	285.0 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"/>	
Rick Duran	Conley Jensen/ Ken Sovereign			-		-		

Client:	Anadarko
Field:	Wattenberg
Rig:	H&P 307
Well:	Cook 26G-16HZ
Service Line:	Cementing
Job Type:	5.5" Monobore

Service Order #:	
Date:	Feb/03/2016
Operating Time (hh:mm):	00:00
Client Rep:	Rick Duran
Schlumberger Engineer:	Conley Jensen/ Ken Sovereign
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: