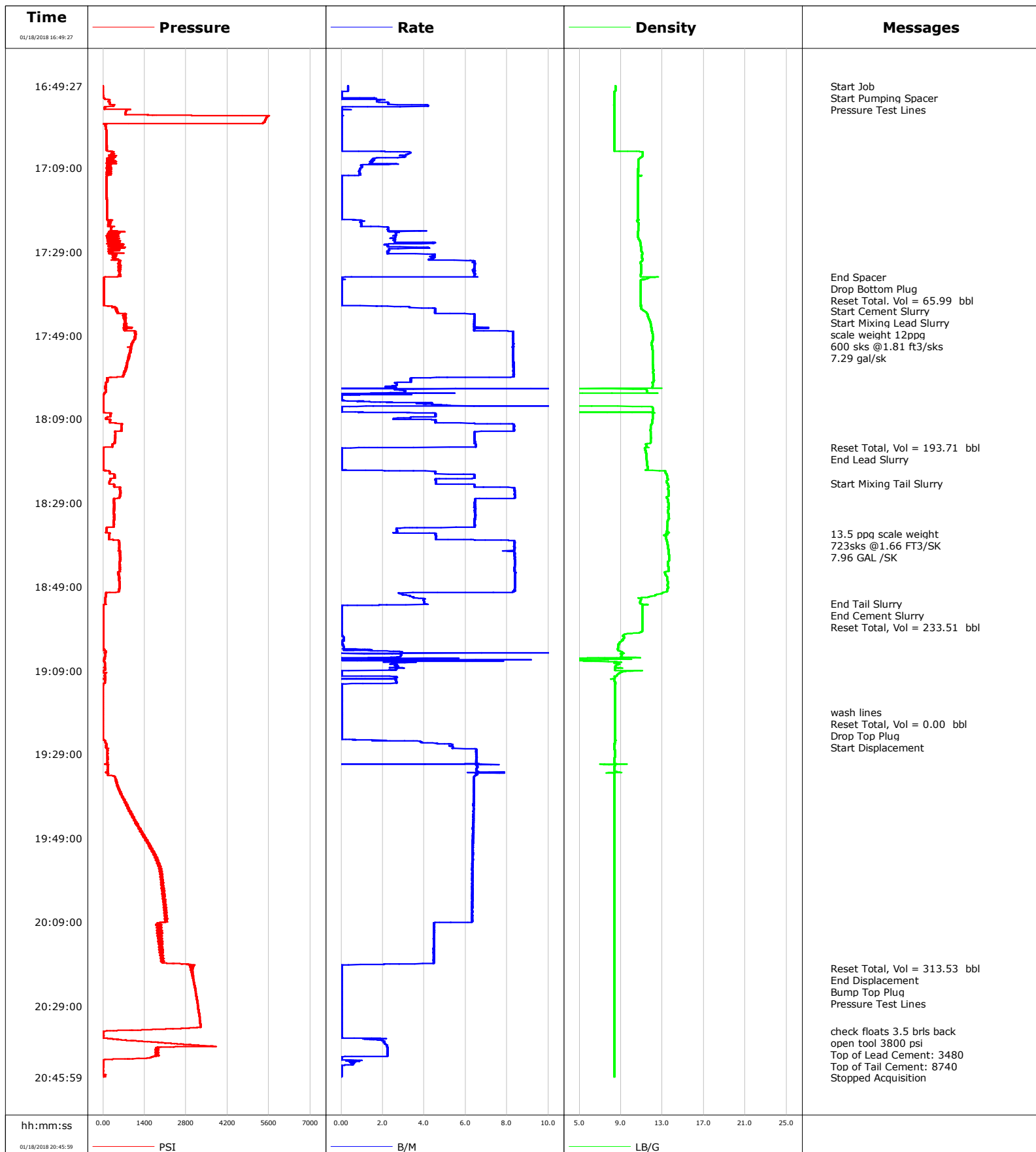


**Well** PAPA-JO 2-25 35C2 17HZ  
**Field** WATTENBERG  
**Engineer** NORM HASLAUER  
**Country** United States

**Client** ANADARKO  
**SIR No.** 2637428  
**Job Type** PRODUCTION  
**Job Date** 01-18-2018



# Cementing Service Report

				Customer ANADARKO			Job Number 2637428			
Well PAPA-JO 2-25 35C2 DZML-00012			Location (legal)		Schlumberger Location			Job Start Jan/18/2018		
Field WATTENBERG		Formation Name/Type Clean-Sandstone		Deviation deg	Bit Size in		Well MD 13532.0 ft		Well TVD 7824.0 ft	
County WELD		State/Province Colorado		BHP psi	BHST 232 degF		BHCT 221 degF		Pore Press. Gradient lb/gal	
Well Master 0631737920		API/UWI								
Rig Name P564	Drilled For Oil & Gas		Service Via Land	Casing/ Liner						
				Depth, ft		Size, in	Weight, lb/ft		Grade	Thread
Offshore Zone	Well Class New		Well Type Development	1889.0		9.6	36.0			
				13487.0		5.5	17.0			
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 PRODUCTION								
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WH Connection Double Cement head	Perforations/Open Hole						
				Top, ft		Bottom, ft		shot/ft	No. of Shots	Total Interval ft
Service Instructions				ft		ft				
				ft		ft				
				ft		ft				
	Treat Down Casing		Displacement 313.0 bbl		Packer Type		Packer Depth ft			
	Tubing Vol. bbl		Casing Vol. 315.0 bbl		Annular Vol. bbl		Openhole Vol. bbl			
Casing/Tubing Secured <input 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 13487.0 ft			Tool Type			
No. Centralizers		Top Plugs 1	Bottom Plugs 1	Stage Tool Type			Tool Depth ft			
Cement Head Type Double				Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Jan/18/2018		Arrived on Location Jan/18/2018		Leave Location Jan/18/2018		Collar Type Float			Tail Pipe Depth ft	
				Collar Depth 13478.0 ft			Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/18/2018	16:49:27	-1	0.3	8.45	6.7	Started Acquisition				
01/18/2018	16:49:29	-1	0.3	8.45	6.7	Start Job				
01/18/2018	16:49:31	-1	0.3	8.45	6.7	Start Pumping Spacer				
01/18/2018	16:49:34	-1	0.3	8.45	6.7	Pressure Test Lines				
01/18/2018	16:49:57	-1	0.3	8.45	6.9					
01/18/2018	16:50:27	-1	0.3	8.45	7.0					
01/18/2018	16:50:57	-2	0.0	8.38	7.1					
01/18/2018	16:51:27	-1	0.0	8.38	7.1					
01/18/2018	16:51:57	2	0.0	8.38	7.1					
01/18/2018	16:52:27	43	1.5	8.37	0.1					
01/18/2018	16:52:57	201	1.7	8.37	0.7					
01/18/2018	16:53:27	231	2.3	8.37	1.6					
01/18/2018	16:53:57	328	2.7	8.37	2.7					
01/18/2018	16:54:27	88	1.3	8.37	4.7					
01/18/2018	16:54:57	51	0.0	8.38	0.0					
01/18/2018	16:55:27	776	0.0	8.38	0.0					
01/18/2018	16:55:57	752	0.0	8.38	0.0					
01/18/2018	16:56:27	1665	0.0	8.38	0.0					
01/18/2018	16:56:57	5525	0.0	8.38	0.0					
01/18/2018	16:57:27	5484	0.0	8.38	0.0					
01/18/2018	16:57:57	5453	0.0	8.38	0.0					

Well			Field		Job Start		Customer		Job Number	
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG		Jan/18/2018		ANADARKO		2637428	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/18/2018	16:58:57	78	0.0	8.38	0.0					
01/18/2018	16:59:27	90	0.0	8.38	0.0					
01/18/2018	16:59:57	100	0.0	8.37	0.0					
01/18/2018	17:00:27	112	0.0	8.37	0.0					
01/18/2018	17:00:57	114	0.0	8.38	0.0					
01/18/2018	17:01:27	114	0.0	8.38	0.0					
01/18/2018	17:01:57	115	0.0	8.38	0.1					
01/18/2018	17:02:27	116	0.0	8.37	0.1					
01/18/2018	17:02:57	116	0.0	8.38	0.1					
01/18/2018	17:03:27	116	0.0	8.38	0.1					
01/18/2018	17:03:57	117	0.0	8.38	0.1					
01/18/2018	17:04:27	117	0.0	8.38	0.1					
01/18/2018	17:04:57	117	0.0	8.38	0.1					
01/18/2018	17:05:27	342	3.3	11.08	1.2					
01/18/2018	17:05:57	270	3.1	11.08	2.8					
01/18/2018	17:06:27	418	3.0	11.02	4.3					
01/18/2018	17:06:57	336	1.5	10.73	5.3					
01/18/2018	17:07:27	122	1.4	10.67	6.1					
01/18/2018	17:07:57	111	1.5	10.66	6.8					
01/18/2018	17:08:27	121	1.0	10.66	7.7					
01/18/2018	17:08:57	181	1.0	10.65	8.2					
01/18/2018	17:09:27	283	0.9	10.65	8.7					
01/18/2018	17:09:57	277	0.9	10.65	9.1					
01/18/2018	17:10:27	273	0.9	10.64	9.5					
01/18/2018	17:10:57	125	0.0	10.95	9.9					
01/18/2018	17:11:27	107	0.0	10.63	9.9					
01/18/2018	17:11:57	106	0.0	10.63	9.9					
01/18/2018	17:12:27	107	0.0	10.63	9.9					
01/18/2018	17:12:57	108	0.0	10.63	9.9					
01/18/2018	17:13:27	110	0.0	10.63	9.9					
01/18/2018	17:13:57	112	0.0	10.63	9.9					
01/18/2018	17:14:27	113	0.0	10.63	9.9					
01/18/2018	17:14:57	114	0.0	10.63	9.9					
01/18/2018	17:15:27	115	0.0	10.63	9.9					
01/18/2018	17:15:57	117	0.0	10.63	9.9					
01/18/2018	17:16:27	118	0.0	10.63	9.9					
01/18/2018	17:16:57	119	0.0	10.63	9.9					
01/18/2018	17:17:27	119	0.0	10.63	9.9					
01/18/2018	17:17:57	121	0.0	10.63	9.9					
01/18/2018	17:18:27	122	0.0	10.64	9.9					
01/18/2018	17:18:57	122	0.0	10.64	9.9					
01/18/2018	17:19:27	124	0.0	10.64	9.9					
01/18/2018	17:19:57	125	0.0	10.64	9.9					
01/18/2018	17:20:27	126	0.0	10.64	9.9					
01/18/2018	17:20:57	127	0.0	10.64	9.9					
01/18/2018	17:21:27	207	0.7	10.71	9.9					
01/18/2018	17:21:57	235	0.9	10.63	10.4					
01/18/2018	17:22:27	240	1.0	10.72	10.9					
01/18/2018	17:22:57	177	1.0	10.66	11.4					
01/18/2018	17:23:27	267	2.2	10.65	12.3					
01/18/2018	17:23:57	261	2.3	10.65	13.4					
01/18/2018	17:24:27	195	2.6	10.64	14.8					
01/18/2018	17:24:57	320	2.6	10.63	16.1					
01/18/2018	17:25:27	248	2.6	10.63	17.4					

Well			Field	Job Start		Customer		Job Number	
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG		Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/18/2018	17:26:27	276	2.6	10.81	20.0				
01/18/2018	17:26:57	266	4.4	10.87	21.6				
01/18/2018	17:27:27	533	2.2	10.91	23.1				
01/18/2018	17:27:57	278	3.6	10.94	24.2				
01/18/2018	17:28:27	179	2.3	10.95	26.0				
01/18/2018	17:28:57	179	2.2	10.98	27.2				
01/18/2018	17:29:27	278	2.3	11.05	28.3				
01/18/2018	17:29:57	428	4.4	11.01	30.2				
01/18/2018	17:30:27	412	4.4	11.00	32.4				
01/18/2018	17:30:57	455	4.2	11.08	34.6				
01/18/2018	17:31:27	551	6.4	10.95	37.5				
01/18/2018	17:31:57	579	6.4	10.93	40.7				
01/18/2018	17:32:27	531	6.4	10.96	43.9				
01/18/2018	17:32:57	512	6.4	10.96	47.1				
01/18/2018	17:33:27	579	6.4	10.96	50.3				
01/18/2018	17:33:57	550	6.4	10.95	53.5				
01/18/2018	17:34:27	541	6.4	10.91	56.8				
01/18/2018	17:34:57	586	6.4	10.93	60.0				
01/18/2018	17:35:01	479	6.4	10.93	60.4	End Spacer			
01/18/2018	17:35:03	212	3.9	11.18	60.6	Drop Bottom Plug			
01/18/2018	17:35:06	76	0.5	12.60	60.8	Reset Total, Vol = 65.99 bbl			
01/18/2018	17:35:27	24	0.0	11.53	60.8				
01/18/2018	17:35:57	19	0.0	10.92	60.8				
01/18/2018	17:36:27	20	0.0	10.92	60.8				
01/18/2018	17:36:57	19	0.0	10.92	60.8				
01/18/2018	17:37:27	20	0.0	10.92	60.8				
01/18/2018	17:37:57	20	0.0	10.92	60.8				
01/18/2018	17:38:27	20	0.0	10.92	60.8				
01/18/2018	17:38:57	20	0.0	10.92	60.8				
01/18/2018	17:39:27	20	0.0	10.92	60.8				
01/18/2018	17:39:57	20	0.0	10.92	60.8				
01/18/2018	17:40:27	21	0.0	10.92	60.8				
01/18/2018	17:40:57	21	0.0	10.93	60.8				
01/18/2018	17:41:27	21	0.0	10.93	60.8				
01/18/2018	17:41:57	45	0.0	10.98	60.8				
01/18/2018	17:42:27	449	3.9	10.96	62.1				
01/18/2018	17:42:57	439	4.5	11.10	64.4				
01/18/2018	17:43:08	471	4.5	11.20	65.2	Start Cement Slurry			
01/18/2018	17:43:14	437	4.5	11.26	65.7	Start Mixing Lead Slurry			
01/18/2018	17:43:27	457	4.5	11.40	66.6				
01/18/2018	17:43:57	768	6.4	11.56	69.1				
01/18/2018	17:44:27	678	6.4	11.60	72.3				
01/18/2018	17:44:57	699	6.4	11.68	75.5				
01/18/2018	17:45:27	747	6.4	11.77	78.7				
01/18/2018	17:45:56	749	6.4	11.83	81.8	scale weight 12ppg			
01/18/2018	17:45:57	745	6.4	11.83	81.9	7.29 gal/sk			
01/18/2018	17:46:27	714	6.4	11.88	85.1				
01/18/2018	17:46:57	720	6.4	11.92	88.4				
01/18/2018	17:47:27	699	6.4	11.96	91.6				
01/18/2018	17:47:57	1052	6.9	11.98	94.8				
01/18/2018	17:48:27	1080	8.3	12.02	98.9				
01/18/2018	17:48:57	1079	8.3	12.06	103.1				
01/18/2018	17:49:27	1077	8.3	12.09	107.2				
01/18/2018	17:49:57	1048	8.3	12.09	111.3				

Well			Field	Job Start		Customer		Job Number
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG	Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/18/2018	17:50:57	977	8.3	11.95	119.6			
01/18/2018	17:51:27	960	8.3	11.98	123.8			
01/18/2018	17:51:57	945	8.3	12.00	127.9			
01/18/2018	17:52:27	926	8.3	12.03	132.1			
01/18/2018	17:52:57	912	8.3	12.05	136.2			
01/18/2018	17:53:27	883	8.3	12.06	140.4			
01/18/2018	17:53:57	865	8.3	12.07	144.5			
01/18/2018	17:54:27	849	8.3	12.08	148.7			
01/18/2018	17:54:57	832	8.3	12.07	152.8			
01/18/2018	17:55:27	826	8.3	12.07	157.0			
01/18/2018	17:55:57	829	8.3	12.08	161.1			
01/18/2018	17:56:27	806	8.3	12.10	165.3			
01/18/2018	17:56:57	771	8.3	12.12	169.4			
01/18/2018	17:57:27	753	8.3	12.13	173.6			
01/18/2018	17:57:57	716	8.3	12.11	177.7			
01/18/2018	17:58:27	685	8.3	12.14	181.9			
01/18/2018	17:58:57	663	8.3	12.15	186.0			
01/18/2018	17:59:27	124	3.3	12.15	188.2			
01/18/2018	17:59:57	142	3.4	12.15	189.9			
01/18/2018	18:00:27	93	2.6	12.04	191.5			
01/18/2018	18:00:57	90	2.7	12.06	192.8			
01/18/2018	18:01:27	90	2.6	12.03	194.0			
01/18/2018	18:01:57	86	2.6	11.49	195.4			
01/18/2018	18:02:27	85	3.1	11.50	196.9			
01/18/2018	18:02:57	38	2.4	2.66	198.2			
01/18/2018	18:03:27	9	0.0	0.17	198.6			
01/18/2018	18:03:57	5	0.0	0.15	198.6			
01/18/2018	18:04:27	4	0.0	0.15	198.6			
01/18/2018	18:04:57	4	1.9	0.15	198.9			
01/18/2018	18:05:27	5	4.4	0.15	200.8			
01/18/2018	18:05:57	5	0.7	10.12	203.2			
01/18/2018	18:06:27	4	0.0	12.07	203.3			
01/18/2018	18:06:57	4	0.0	12.11	203.3			
01/18/2018	18:07:27	48	3.2	12.17	203.4			
01/18/2018	18:07:57	242	4.5	12.05	205.6			
01/18/2018	18:08:27	141	4.2	12.06	207.9			
01/18/2018	18:08:57	92	2.5	12.05	209.5			
01/18/2018	18:09:27	229	4.5	12.00	211.4			
01/18/2018	18:09:57	417	6.2	12.02	213.7			
01/18/2018	18:10:27	621	8.3	11.91	217.6			
01/18/2018	18:10:57	612	8.3	11.86	221.7			
01/18/2018	18:11:27	627	8.3	11.86	225.9			
01/18/2018	18:11:57	407	6.8	11.85	230.0			
01/18/2018	18:12:27	409	6.4	11.88	233.3			
01/18/2018	18:12:57	399	6.4	11.88	236.5			
01/18/2018	18:13:27	402	6.4	11.89	239.7			
01/18/2018	18:13:57	401	6.4	11.86	242.9			
01/18/2018	18:14:27	384	6.4	11.85	246.1			
01/18/2018	18:14:57	323	6.5	11.40	249.3			
01/18/2018	18:15:27	307	6.5	11.47	252.6			
01/18/2018	18:15:44	23	3.5	11.50	254.4	Reset Total, Vol = 193.71 bbl		
01/18/2018	18:15:48	19	1.1	11.49	254.6	End Lead Slurry		
01/18/2018	18:15:57	5	0.0	11.30	254.7			
01/18/2018	18:16:27	3	0.0	11.36	254.7			

Well			Field	Job Start		Customer		Job Number	
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG		Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/18/2018	18:17:27	4	0.0	11.43	254.7				
01/18/2018	18:17:57	3	0.0	11.44	254.7				
01/18/2018	18:18:27	3	0.0	11.45	254.7				
01/18/2018	18:18:57	3	0.0	11.50	254.7				
01/18/2018	18:19:27	3	0.0	11.52	254.7				
01/18/2018	18:19:57	3	0.0	11.54	254.7				
01/18/2018	18:20:27	3	0.0	11.57	254.7				
01/18/2018	18:20:57	3	0.0	11.59	254.7				
01/18/2018	18:21:27	209	4.5	13.28	255.3				
01/18/2018	18:21:57	217	4.5	13.34	257.5				
01/18/2018	18:22:27	385	6.4	13.45	260.4				
01/18/2018	18:22:57	391	6.4	13.44	263.6				
01/18/2018	18:23:27	245	4.6	13.56	266.3				
01/18/2018	18:23:57	216	4.6	13.38	268.6				
01/18/2018	18:24:19	213	4.6	13.48	270.3	Start Mixing Tail Slurry			
01/18/2018	18:24:27	216	4.6	13.52	270.9				
01/18/2018	18:24:57	375	6.4	13.57	274.0				
01/18/2018	18:25:27	565	8.3	13.56	277.5				
01/18/2018	18:25:57	573	8.4	13.57	281.7				
01/18/2018	18:26:27	585	8.4	13.58	285.9				
01/18/2018	18:26:57	576	8.4	13.58	290.1				
01/18/2018	18:27:27	566	8.4	13.55	294.2				
01/18/2018	18:27:57	366	6.7	13.48	298.4				
01/18/2018	18:28:27	366	6.4	13.55	301.6				
01/18/2018	18:28:57	375	6.4	13.57	304.9				
01/18/2018	18:29:27	383	6.4	13.59	308.1				
01/18/2018	18:29:57	360	6.5	13.54	311.3				
01/18/2018	18:30:27	367	6.5	13.57	314.5				
01/18/2018	18:30:57	360	6.4	13.54	317.8				
01/18/2018	18:31:27	359	6.4	13.56	321.0				
01/18/2018	18:31:57	370	6.5	13.60	324.2				
01/18/2018	18:32:27	379	6.5	13.59	327.4				
01/18/2018	18:32:57	378	6.4	13.57	330.7				
01/18/2018	18:33:27	360	6.4	13.48	333.9				
01/18/2018	18:33:57	355	6.4	13.50	337.1				
01/18/2018	18:34:27	356	6.4	13.47	340.3				
01/18/2018	18:34:57	123	3.3	13.44	343.3				
01/18/2018	18:35:27	104	2.7	13.45	344.7				
01/18/2018	18:35:57	101	2.7	13.57	346.0				
01/18/2018	18:36:23	207	4.6	13.50	347.5	13.5 ppg scale weight			
01/18/2018	18:36:24	206	4.5	13.51	347.6	7.96 GAL /SK			
01/18/2018	18:36:27	211	4.5	13.51	347.8				
01/18/2018	18:36:57	195	4.6	13.36	350.1				
01/18/2018	18:37:27	199	4.6	13.34	352.4				
01/18/2018	18:37:57	525	8.2	13.42	355.1				
01/18/2018	18:38:27	540	8.4	13.47	359.2				
01/18/2018	18:38:57	545	8.3	13.51	363.4				
01/18/2018	18:39:27	546	8.3	13.55	367.6				
01/18/2018	18:39:57	543	8.3	13.56	371.7				
01/18/2018	18:40:27	564	8.2	13.59	375.9				
01/18/2018	18:40:57	568	8.4	13.59	380.1				
01/18/2018	18:41:27	557	8.4	13.62	384.2				
01/18/2018	18:41:57	576	8.4	13.65	388.4				
01/18/2018	18:42:27	586	8.4	13.65	392.6				

Well			Field	Job Start		Customer		Job Number
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG	Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/18/2018	18:43:27	549	8.4	13.53	401.0			
01/18/2018	18:43:57	560	8.4	13.56	405.1			
01/18/2018	18:44:27	571	8.3	13.58	409.3			
01/18/2018	18:44:57	558	8.4	13.60	413.5			
01/18/2018	18:45:27	542	8.4	13.30	417.7			
01/18/2018	18:45:57	520	8.4	13.27	421.9			
01/18/2018	18:46:27	532	8.4	13.39	426.1			
01/18/2018	18:46:57	535	8.4	13.46	430.3			
01/18/2018	18:47:27	532	8.4	13.47	434.4			
01/18/2018	18:47:57	558	8.4	13.55	438.6			
01/18/2018	18:48:27	560	8.4	13.51	442.8			
01/18/2018	18:48:57	567	8.4	13.53	447.0			
01/18/2018	18:49:27	551	8.4	13.51	451.2			
01/18/2018	18:49:57	522	8.4	13.46	455.4			
01/18/2018	18:50:27	103	2.8	13.00	459.2			
01/18/2018	18:50:57	93	3.0	12.34	460.6			
01/18/2018	18:51:27	86	3.5	11.69	462.3			
01/18/2018	18:51:57	79	4.0	10.95	464.1			
01/18/2018	18:52:27	78	4.0	10.86	466.1			
01/18/2018	18:52:57	78	4.0	10.84	468.1			
01/18/2018	18:53:00	79	4.0	10.86	468.3	End Tail Slurry		
01/18/2018	18:53:27	-1	0.3	11.07	469.7			
01/18/2018	18:53:57	1	0.0	11.05	469.8			
01/18/2018	18:54:00	1	0.0	11.05	469.8	End Cement Slurry		
01/18/2018	18:54:27	3	0.0	11.05	469.8			
01/18/2018	18:54:57	1	0.0	11.05	469.8			
01/18/2018	18:55:00	1	0.0	11.05	469.8	Reset Total, Vol = 233.51 bbl		
01/18/2018	18:55:27	2	0.0	11.05	469.8			
01/18/2018	18:55:57	2	0.0	11.05	469.8			
01/18/2018	18:56:27	2	0.0	11.05	469.8			
01/18/2018	18:57:27	3	0.0	11.06	469.8			
01/18/2018	18:57:57	2	0.0	11.06	469.8			
01/18/2018	18:58:27	3	0.0	11.06	469.8			
01/18/2018	18:58:57	3	0.0	11.06	469.8			
01/18/2018	18:59:27	3	0.0	11.07	469.8			
01/18/2018	18:59:57	3	0.0	10.80	469.8			
01/18/2018	19:00:27	2	0.0	9.30	469.8			
01/18/2018	19:00:57	3	0.1	9.33	469.8			
01/18/2018	19:01:27	3	0.1	9.22	469.9			
01/18/2018	19:01:57	3	0.1	9.04	469.9			
01/18/2018	19:02:27	3	0.0	8.84	469.9			
01/18/2018	19:02:57	3	0.1	8.74	470.0			
01/18/2018	19:03:27	3	0.1	8.75	470.0			
01/18/2018	19:03:57	39	1.1	8.73	470.1			
01/18/2018	19:04:27	89	2.8	8.98	470.8			
01/18/2018	19:04:57	80	1.1	9.24	472.4			
01/18/2018	19:05:27	78	2.9	9.06	473.8			
01/18/2018	19:05:57	42	2.5	8.61	475.1			
01/18/2018	19:06:27	31	4.5	4.35	476.2			
01/18/2018	19:06:57	46	2.0	8.41	478.1			
01/18/2018	19:07:27	60	2.4	8.84	479.4			
01/18/2018	19:07:57	64	2.7	8.47	480.7			
01/18/2018	19:08:27	72	2.7	8.51	482.0			
01/18/2018	19:08:57	21	2.6	8.42	483.4			

Well			Field	Job Start		Customer		Job Number	
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG		Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/18/2018	19:09:57	50	0.0	8.67	483.4				
01/18/2018	19:10:27	72	2.6	8.40	483.7				
01/18/2018	19:10:57	10	0.7	8.42	485.0				
01/18/2018	19:11:27	63	2.7	8.39	486.0				
01/18/2018	19:11:57	62	2.7	8.45	487.4				
01/18/2018	19:12:27	1	0.0	8.44	487.8				
01/18/2018	19:12:57	-1	0.0	8.44	487.8				
01/18/2018	19:13:27	-1	0.0	8.43	487.8				
01/18/2018	19:13:57	-1	0.0	8.42	487.8				
01/18/2018	19:14:27	-1	0.0	8.42	487.8				
01/18/2018	19:14:57	-1	0.0	8.41	487.8				
01/18/2018	19:15:27	-1	0.0	8.41	487.8				
01/18/2018	19:15:57	-1	0.0	8.41	487.9				
01/18/2018	19:16:27	-1	0.0	8.41	487.9				
01/18/2018	19:16:57	-1	0.0	8.41	487.9				
01/18/2018	19:17:27	-1	0.0	8.41	487.9				
01/18/2018	19:17:57	-1	0.0	8.41	487.9				
01/18/2018	19:18:27	-1	0.0	8.41	487.9				
01/18/2018	19:18:48	-1	0.0	8.41	487.9	wash lines			
01/18/2018	19:18:51	-1	0.0	8.41	487.9	Reset Total, Vol = 0.00 bbl			
01/18/2018	19:18:57	-1	0.0	8.41	487.9				
01/18/2018	19:19:00	-1	0.0	8.41	487.9	Drop Top Plug			
01/18/2018	19:19:02	-2	0.0	8.41	487.9	Start Displacement			
01/18/2018	19:19:27	-1	0.0	8.41	487.9				
01/18/2018	19:19:57	-2	0.0	8.41	488.0				
01/18/2018	19:20:27	-1	0.0	8.41	488.0				
01/18/2018	19:20:57	-1	0.0	8.41	488.0				
01/18/2018	19:21:27	-2	0.0	8.41	488.0				
01/18/2018	19:21:57	-2	0.0	8.41	488.0				
01/18/2018	19:22:27	-3	0.0	8.41	488.0				
01/18/2018	19:22:57	-3	0.0	8.41	488.0				
01/18/2018	19:23:27	-2	0.0	8.41	488.1				
01/18/2018	19:23:57	-1	0.0	8.41	488.1				
01/18/2018	19:24:27	-1	0.0	8.41	488.1				
01/18/2018	19:24:57	-2	0.0	8.41	488.1				
01/18/2018	19:25:27	4	0.4	8.41	488.1				
01/18/2018	19:25:57	76	3.8	8.42	489.1				
01/18/2018	19:26:27	114	4.7	8.40	491.2				
01/18/2018	19:26:57	106	5.3	8.39	493.8				
01/18/2018	19:27:27	107	5.4	8.39	496.5				
01/18/2018	19:27:57	152	6.5	8.42	499.5				
01/18/2018	19:28:27	145	6.5	8.41	502.8				
01/18/2018	19:28:57	155	6.5	8.41	506.0				
01/18/2018	19:29:27	154	6.5	8.41	509.3				
01/18/2018	19:29:57	145	6.5	8.39	512.6				
01/18/2018	19:30:27	155	6.5	8.38	515.8				
01/18/2018	19:30:57	146	6.5	8.38	519.1				
01/18/2018	19:31:27	157	6.7	8.15	521.9				
01/18/2018	19:31:57	152	6.6	8.39	525.2				
01/18/2018	19:32:27	155	6.5	8.38	528.5				
01/18/2018	19:32:57	152	6.5	8.38	531.8				
01/18/2018	19:33:27	156	7.6	8.17	535.1				
01/18/2018	19:33:57	156	6.5	8.38	538.5				
01/18/2018	19:34:27	405	6.4	8.38	541.7				



Well			Field	Job Start		Customer		Job Number
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG	Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/18/2018	19:35:27	433	6.4	8.38	548.1			
01/18/2018	19:35:57	461	6.4	8.38	551.3			
01/18/2018	19:36:27	468	6.4	8.38	554.5			
01/18/2018	19:36:57	516	6.4	8.39	557.7			
01/18/2018	19:37:27	520	6.4	8.38	560.9			
01/18/2018	19:37:57	578	6.4	8.38	564.1			
01/18/2018	19:38:27	635	6.4	8.38	567.3			
01/18/2018	19:38:57	625	6.4	8.37	570.5			
01/18/2018	19:39:27	683	6.4	8.37	573.6			
01/18/2018	19:39:57	737	6.4	8.38	576.8			
01/18/2018	19:40:27	775	6.4	8.38	580.0			
01/18/2018	19:40:57	800	6.4	8.38	583.2			
01/18/2018	19:41:27	821	6.4	8.38	586.4			
01/18/2018	19:41:57	879	6.4	8.37	589.6			
01/18/2018	19:42:27	918	6.4	8.37	592.8			
01/18/2018	19:42:57	906	6.4	8.37	596.0			
01/18/2018	19:43:27	982	6.4	8.38	599.2			
01/18/2018	19:43:57	1045	6.4	8.38	602.3			
01/18/2018	19:44:27	1043	6.4	8.38	605.5			
01/18/2018	19:44:57	1061	6.4	8.37	608.7			
01/18/2018	19:45:27	1083	6.4	8.37	611.9			
01/18/2018	19:45:57	1175	6.4	8.37	615.1			
01/18/2018	19:46:27	1217	6.4	8.37	618.3			
01/18/2018	19:46:57	1273	6.3	8.38	621.4			
01/18/2018	19:47:27	1313	6.3	8.38	624.6			
01/18/2018	19:47:57	1356	6.3	8.38	627.8			
01/18/2018	19:48:27	1366	6.3	8.37	631.0			
01/18/2018	19:48:57	1441	6.3	8.37	634.1			
01/18/2018	19:49:27	1483	6.3	8.37	637.3			
01/18/2018	19:49:57	1512	6.3	8.38	640.5			
01/18/2018	19:50:27	1538	6.3	8.38	643.7			
01/18/2018	19:50:57	1602	6.3	8.37	646.8			
01/18/2018	19:51:27	1666	6.3	8.37	650.0			
01/18/2018	19:51:57	1682	6.3	8.37	653.2			
01/18/2018	19:52:27	1683	6.3	8.37	656.3			
01/18/2018	19:52:57	1771	6.3	8.37	659.5			
01/18/2018	19:53:27	1800	6.3	8.37	662.7			
01/18/2018	19:53:57	1806	6.3	8.37	665.8			
01/18/2018	19:54:27	1801	6.3	8.37	669.0			
01/18/2018	19:54:57	1887	6.3	8.37	672.2			
01/18/2018	19:55:27	1846	6.3	8.37	675.3			
01/18/2018	19:55:57	1904	6.3	8.37	678.5			
01/18/2018	19:56:27	1901	6.3	8.37	681.7			
01/18/2018	19:56:57	1916	6.3	8.37	684.8			
01/18/2018	19:57:27	1936	6.3	8.37	688.0			
01/18/2018	19:57:57	1977	6.3	8.37	691.1			
01/18/2018	19:58:27	1949	6.3	8.37	694.3			
01/18/2018	19:58:57	1948	6.3	8.37	697.5			
01/18/2018	19:59:27	2018	6.3	8.37	700.6			
01/18/2018	19:59:57	1990	6.3	8.37	703.8			
01/18/2018	20:00:27	2019	6.3	8.37	706.9			
01/18/2018	20:00:57	2055	6.3	8.37	710.1			
01/18/2018	20:01:27	2053	6.3	8.37	713.3			
01/18/2018	20:01:57	2025	6.3	8.37	716.4			

Well			Field	Job Start		Customer	Job Number
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG	Jan/18/2018		ANADARKO	2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/18/2018	20:02:57	2084	6.3	8.37	722.7		
01/18/2018	20:03:27	2008	6.3	8.37	725.9		
01/18/2018	20:03:57	2085	6.3	8.37	729.1		
01/18/2018	20:04:27	2058	6.3	8.37	732.2		
01/18/2018	20:04:57	2037	6.3	8.37	735.4		
01/18/2018	20:05:27	2060	6.3	8.37	738.5		
01/18/2018	20:05:57	2116	6.3	8.37	741.7		
01/18/2018	20:06:27	2087	6.3	8.37	744.8		
01/18/2018	20:06:57	2142	6.3	8.37	748.0		
01/18/2018	20:07:27	2148	6.3	8.37	751.2		
01/18/2018	20:07:57	2101	6.3	8.37	754.3		
01/18/2018	20:08:27	2139	6.3	8.37	757.5		
01/18/2018	20:08:57	2172	6.3	8.37	760.6		
01/18/2018	20:09:27	1899	4.5	8.37	763.2		
01/18/2018	20:09:57	1914	4.5	8.37	765.4		
01/18/2018	20:10:27	1965	4.5	8.37	767.6		
01/18/2018	20:10:57	1817	4.5	8.37	769.9		
01/18/2018	20:11:27	1860	4.5	8.37	772.1		
01/18/2018	20:11:57	1936	4.5	8.37	774.3		
01/18/2018	20:12:27	1862	4.5	8.37	776.6		
01/18/2018	20:12:57	1849	4.5	8.37	778.8		
01/18/2018	20:13:27	1981	4.5	8.37	781.0		
01/18/2018	20:13:57	1934	4.5	8.37	783.3		
01/18/2018	20:14:27	1877	4.5	8.37	785.5		
01/18/2018	20:14:57	2006	4.5	8.37	787.7		
01/18/2018	20:15:27	1977	4.5	8.37	790.0		
01/18/2018	20:15:57	1945	4.5	8.37	792.2		
01/18/2018	20:16:27	2002	4.5	8.37	794.4		
01/18/2018	20:16:57	2025	4.5	8.37	796.7		
01/18/2018	20:17:27	1992	4.5	8.37	798.9		
01/18/2018	20:17:57	1992	4.5	8.37	801.1		
01/18/2018	20:18:27	2038	4.5	8.37	803.3		
01/18/2018	20:18:57	2594	3.9	8.37	805.6		
01/18/2018	20:19:27	2939	0.0	8.37	806.2		
01/18/2018	20:19:57	2953	0.0	8.38	806.2		
01/18/2018	20:20:00	2980	0.0	8.38	806.2	Reset Total, Vol = 313.53 bbl	
01/18/2018	20:20:27	3008	0.0	8.38	806.2		
01/18/2018	20:20:57	3014	0.0	8.38	806.2		
01/18/2018	20:21:24	3034	0.0	8.38	806.2	End Displacement	
01/18/2018	20:21:27	3000	0.0	8.38	806.2	Bump Top Plug	
01/18/2018	20:21:30	3028	0.0	8.38	806.2	Pressure Test Lines	
01/18/2018	20:21:57	3044	0.0	8.38	806.2		
01/18/2018	20:22:27	3041	0.0	8.38	806.2		
01/18/2018	20:22:57	3047	0.0	8.38	806.2		
01/18/2018	20:23:27	3071	0.0	8.38	806.2		
01/18/2018	20:23:57	3081	0.0	8.38	806.2		
01/18/2018	20:24:27	3090	0.0	8.38	806.2		
01/18/2018	20:24:57	3106	0.0	8.38	806.2		
01/18/2018	20:25:27	3119	0.0	8.38	806.2		
01/18/2018	20:25:57	3129	0.0	8.38	806.2		
01/18/2018	20:26:27	3140	0.0	8.38	806.2		
01/18/2018	20:26:57	3153	0.0	8.38	806.2		
01/18/2018	20:27:27	3162	0.0	8.38	806.2		
01/18/2018	20:27:57	3177	0.0	8.39	806.2		

Well			Field	Job Start		Customer		Job Number
PAPA-JO 2-25 35C2 DZML-00012			WATTENBERG	Jan/18/2018		ANADARKO		2637428
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/18/2018	20:28:57	3196	0.0	8.38	806.2			
01/18/2018	20:29:27	3205	0.0	8.38	806.2			
01/18/2018	20:29:57	3217	0.0	8.38	806.2			
01/18/2018	20:30:27	3227	0.0	8.38	806.2			
01/18/2018	20:30:57	3236	0.0	8.38	806.2			
01/18/2018	20:31:27	3247	0.0	8.39	806.2			
01/18/2018	20:31:57	3256	0.0	8.39	806.2			
01/18/2018	20:32:27	3265	0.0	8.39	806.2			
01/18/2018	20:32:57	3274	0.0	8.39	806.2			
01/18/2018	20:33:27	3285	0.0	8.39	806.3			
01/18/2018	20:33:57	3293	0.0	8.39	806.3			
01/18/2018	20:34:27	2389	0.0	8.39	806.3			
01/18/2018	20:34:55	467	0.0	8.39	806.3	check floats 3.5 brls back		
01/18/2018	20:34:57	339	0.0	8.39	806.3			
01/18/2018	20:35:08	-3	0.0	8.39	806.3	open tool 3800 psi		
01/18/2018	20:35:27	1	0.0	8.39	806.3			
01/18/2018	20:35:57	9	0.0	8.39	806.3			
01/18/2018	20:36:27	11	0.0	8.39	806.3			
01/18/2018	20:36:57	318	1.1	8.38	806.6			
01/18/2018	20:37:27	1283	2.1	8.38	807.5			
01/18/2018	20:37:57	2297	2.1	8.38	808.5			
01/18/2018	20:38:27	3262	2.2	8.38	809.6			
01/18/2018	20:38:57	1903	2.2	8.38	810.7			
01/18/2018	20:39:27	1766	2.2	8.38	811.8			
01/18/2018	20:39:57	1856	2.2	8.38	812.9			
01/18/2018	20:40:00	1781	2.2	8.38	813.0	Top of Lead Cement: 3480		
01/18/2018	20:40:27	1806	2.2	8.38	814.0			
01/18/2018	20:40:57	1866	2.2	8.38	815.1			
01/18/2018	20:41:27	1505	0.0	8.38	815.5			
01/18/2018	20:41:42	835	0.0	8.38	815.5	Top of Tail Cement: 8740		
01/18/2018	20:41:57	1	0.2	8.38	815.5			
01/18/2018	20:42:27	2	0.6	8.38	815.8			
01/18/2018	20:42:57	1	0.5	8.38	816.0			
01/18/2018	20:43:27	1	0.0	8.38	816.2			
01/18/2018	20:43:57	0	0.0	8.38	816.2			
01/18/2018	20:44:27	2	0.0	8.38	816.2			
01/18/2018	20:44:57	-0	0.0	8.38	816.2			
01/18/2018	20:45:27	83	0.0	8.38	816.2			
01/18/2018	20:45:57	36	0.0	8.38	816.2			

<b>Well</b> PAPA-JO 2-25 35C2 DZML-00012	<b>Field</b> WATTENBERG	<b>Job Start</b> Jan/18/2018	<b>Customer</b> ANADARKO	<b>Job Number</b> 2637428
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 4.4	N2	Mud	Maximum Rate 12.3		Total Slurry 821.5	Mud 0.0	Spacer 65.7	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 5599	Final 28	Average 829	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 511.0 bbl		Displacement 198.5 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 JASON LAUB				Schlumberger Supervisor NORM HASLAUER				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-