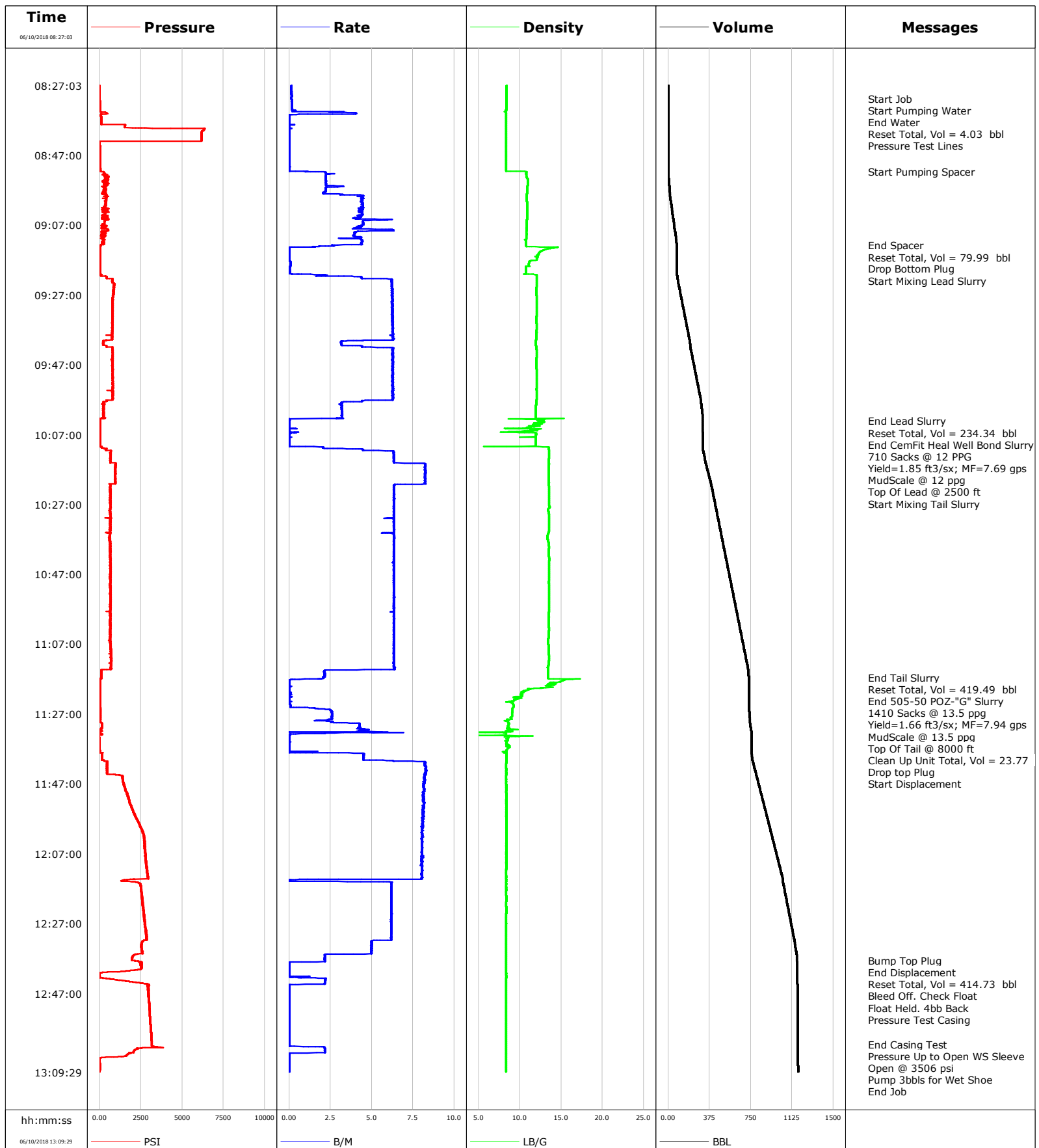


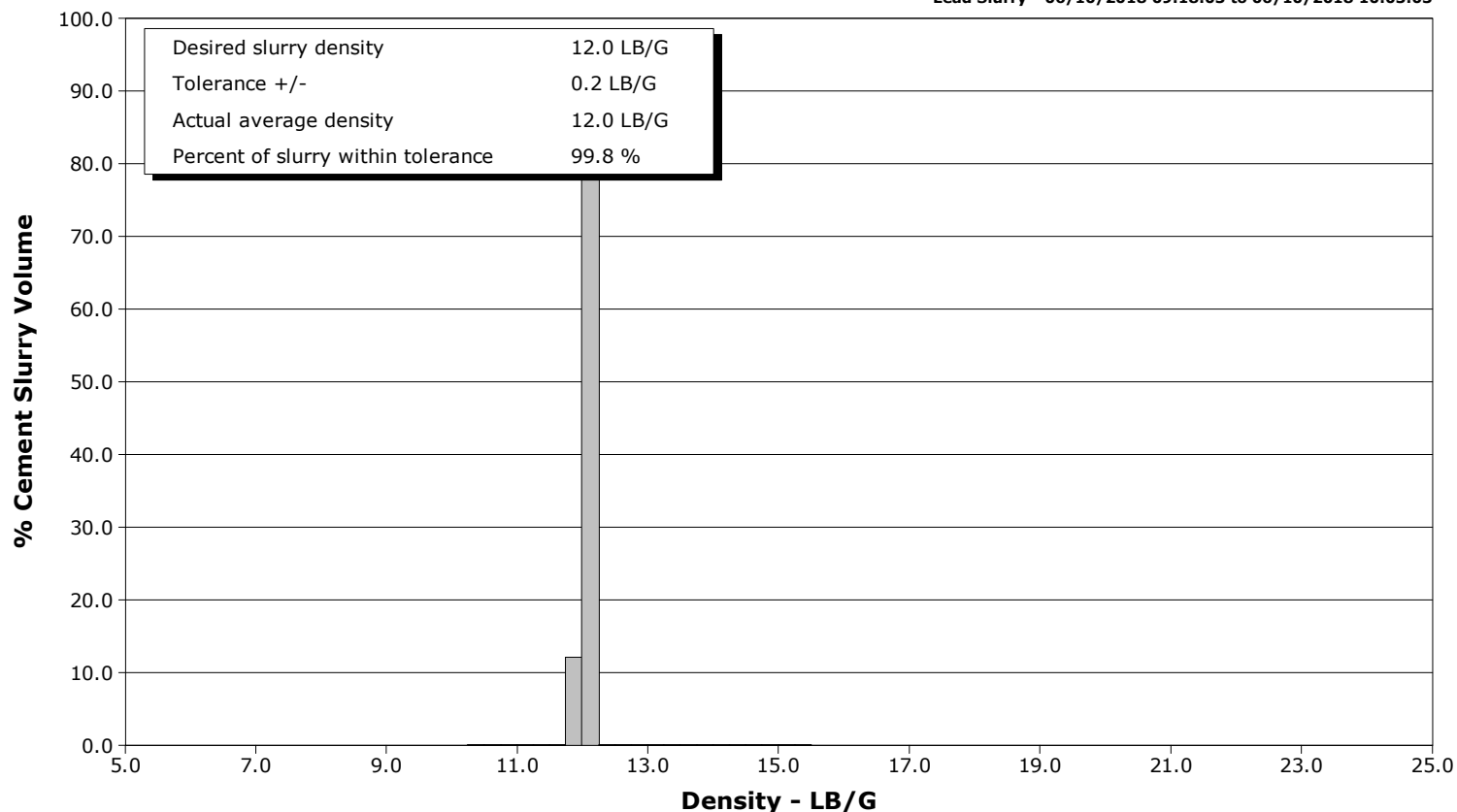
Well	Quarter Circle 24-8HZ	Client	ANADARKO PETROLEUM COMPANY
Field	Wattenberg	SIR No.	E0ZP-00241
Engineer	Wence Luste	Job Type	5 1/2" Production
Country	United States	Job Date	06-10-2018



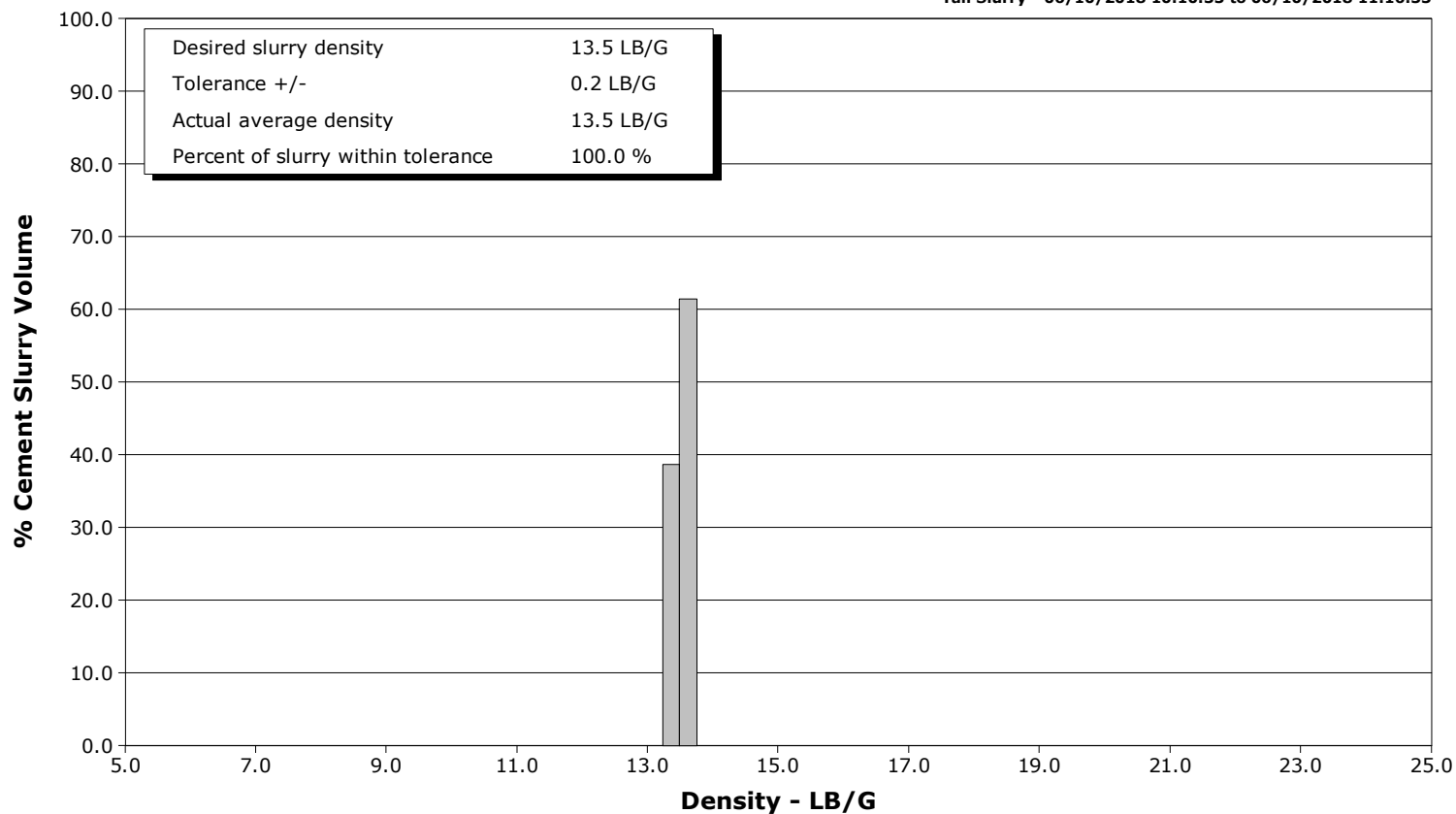
Well Quarter Circle 24-8HZ
Field Wattenberg
Engineer Wence Luste
Country United States

Client ANADARKO PETROLEUM COMPANY
SIR No. E0ZP-00241
Job Type 5 1/2" Production
Job Date 06-10-2018

Lead Slurry - 06/10/2018 09:18:03 to 06/10/2018 10:03:03



Tail Slurry - 06/10/2018 10:10:33 to 06/10/2018 11:16:33



				Customer ANADARKO PETROLEUM COMPANY			Job Number E0ZP-00241	
Well Quarter Circle 24-8HZ			Location (legal) 05123462600000			Schlumberger Location Cheyenne, Wy		Job Start Jun/10/2018
Field Wattenberg		Formation Name/Type		Deviation 90 deg		Bit Size 8.5 in		Well MD 17779.0 ft
County Weld		State/Province Colorado		BHP psi		BHST 233 degF		BHCT 230 degF
Well Master 0631751189		API/UWI 05123462600000				Pore Press. Gradient lb/gal		
Rig Name PD 461		Drilled For Oil & Gas		Service Via Land		Casing/ Liner		
						Depth, ft	Size, in	Weight, lb/ft
Offshore Zone		Well Class New		Well Type Development		1842.0	9.6	36.0
						17768.0	5.5	17.0
Drilling Fluid Type OBM		Max. Density 9.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe		
						T/D	Depth, ft	Size, in
Service Line Cementing		Job Type 5 1/2" Production						
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 5 1/2" Rot Head		Perforations/Open Hole		
						Top, ft	Bottom, ft	shot/ft
Service Instructions Perform job as per proposal.						ft	ft	
						ft	ft	
						ft	ft	
						Treat Down Casing	Displacement 412.8 bbl	Packer Type
								Packer Depth ft
						Tubing Vol. bbl	Casing Vol. 413.0 bbl	Annular Vol. 623.0 bbl
								Openhole Vol. 1164.0 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 12714 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input checked="" type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 17768.0 ft		Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type		Tool Depth ft
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Jun/10/2018 08:00		Arrived on Location Jun/10/2018 02:30		Leave Location Jun/10/2018 14:45		Collar Type Float		Tail Pipe Depth ft
						Collar Depth 17758.0 ft		Sqz. Total Vol. bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/10/2018	08:27:03	-4	0.1	8.38	0.0	Started Acquisition		
06/10/2018	08:27:48	-3	0.1	8.38	0.1			
06/10/2018	08:28:33	-4	0.1	8.38	0.2			
06/10/2018	08:29:18	-4	0.1	8.38	0.3			
06/10/2018	08:30:03	-4	0.2	8.38	0.4			
06/10/2018	08:30:48	-5	0.1	8.38	0.6	Start Job		
06/10/2018	08:31:33	2	0.2	8.38	0.7	Start Pumping Water		
06/10/2018	08:32:18	1	0.2	8.38	0.8			
06/10/2018	08:33:03	1	0.2	8.38	0.9			
06/10/2018	08:33:48	1	0.2	8.37	1.1			
06/10/2018	08:34:33	6	0.2	8.30	1.2			
06/10/2018	08:35:18	88	2.7	8.34	3.8			
06/10/2018	08:36:03	92	0.0	8.34	3.9	End Water		
06/10/2018	08:36:04	91	0.0	8.34	3.9	Reset Total, Vol = 4.03 bbl		
06/10/2018	08:36:48	99	0.0	8.34	3.9			
06/10/2018	08:37:33	106	0.0	8.34	3.9			
06/10/2018	08:38:18	1537	0.1	8.34	3.9	Pressure Test Lines		
06/10/2018	08:39:03	1517	0.0	8.34	3.9			
06/10/2018	08:39:48	6318	0.0	8.34	4.0			
06/10/2018	08:40:33	6194	0.0	8.34	4.0			
06/10/2018	08:41:18	6188	0.0	8.34	4.0			

Well Quarter Circle 24-8HZ			Field Wattenberg		Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY		Job Number E0ZP-00241	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/10/2018	08:42:48	6184	0.0	8.34	4.0					
06/10/2018	08:43:33	-4	0.0	8.34	4.0					
06/10/2018	08:44:18	-2	0.0	8.34	4.0					
06/10/2018	08:45:03	16	0.0	8.34	4.0					
06/10/2018	08:45:48	19	0.0	8.34	4.0					
06/10/2018	08:46:33	20	0.0	8.34	4.0					
06/10/2018	08:47:18	22	0.0	8.34	4.0					
06/10/2018	08:48:03	23	0.0	8.34	4.0					
06/10/2018	08:48:48	26	0.0	8.34	4.0					
06/10/2018	08:49:33	28	0.0	8.34	4.0					
06/10/2018	08:50:18	29	0.0	8.34	4.0					
06/10/2018	08:51:03	32	0.0	8.34	4.0					
06/10/2018	08:51:48	219	1.8	10.74	0.2	Start Pumping Spacer				
06/10/2018	08:53:18	423	2.2	10.81	3.5					
06/10/2018	08:54:03	519	2.2	10.97	5.2					
06/10/2018	08:54:48	264	2.2	10.97	6.9					
06/10/2018	08:55:33	514	2.2	10.95	8.6					
06/10/2018	08:56:18	303	2.2	10.92	10.5					
06/10/2018	08:57:03	375	2.2	10.92	12.2					
06/10/2018	08:57:48	360	2.1	10.88	13.8					
06/10/2018	08:58:33	429	4.5	10.85	16.0					
06/10/2018	08:59:18	407	4.5	10.85	19.3					
06/10/2018	09:00:03	409	4.4	10.85	22.7					
06/10/2018	09:00:48	394	4.4	10.90	26.0					
06/10/2018	09:01:33	356	4.5	10.90	29.3					
06/10/2018	09:02:18	569	4.3	10.91	32.6					
06/10/2018	09:03:03	448	4.4	10.91	35.9					
06/10/2018	09:03:48	335	4.4	10.90	39.2					
06/10/2018	09:04:33	278	4.4	10.90	42.4					
06/10/2018	09:05:18	257	4.1	10.87	45.6					
06/10/2018	09:06:03	307	4.5	10.84	49.3					
06/10/2018	09:06:48	290	4.5	10.83	52.7					
06/10/2018	09:07:33	332	4.2	10.82	55.9					
06/10/2018	09:08:18	482	6.2	10.82	59.2					
06/10/2018	09:09:03	356	4.0	10.80	63.3					
06/10/2018	09:09:48	322	4.0	10.81	66.3					
06/10/2018	09:10:33	206	4.4	10.80	69.3					
06/10/2018	09:11:18	221	4.4	10.70	72.4					
06/10/2018	09:12:03	300	4.4	10.74	75.7					
06/10/2018	09:12:48	72	2.6	10.74	78.9	End Spacer				
06/10/2018	09:13:33	12	0.0	14.20	80.0	Reset Total, Vol = 79.99 bbl				
06/10/2018	09:14:18	12	0.0	12.78	80.0					
06/10/2018	09:15:03	12	0.0	12.29	80.0					
06/10/2018	09:15:07	12	0.0	12.31	80.0	Drop Bottom Plug				
06/10/2018	09:15:48	12	0.0	12.11	80.0					
06/10/2018	09:16:33	12	0.0	12.06	80.0					
06/10/2018	09:17:18	11	0.0	11.27	80.0					
06/10/2018	09:18:03	11	0.1	11.10	80.0	Start Mixing Lead Slurry				
06/10/2018	09:18:48	12	0.1	11.17	80.1					
06/10/2018	09:19:33	8	0.0	10.74	80.1					
06/10/2018	09:21:03	49	0.2	10.70	80.2					
06/10/2018	09:21:48	408	4.3	12.03	81.7					
06/10/2018	09:22:33	776	6.2	12.04	85.3					
06/10/2018	09:23:18	797	6.2	12.03	90.0					

Well Quarter Circle 24-8HZ			Field Wattenberg	Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY	Job Number E0ZP-00241
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/10/2018	09:24:48	869	6.2	12.01	99.3		
06/10/2018	09:25:33	853	6.3	11.99	104.0		
06/10/2018	09:26:18	863	6.2	11.99	108.7		
06/10/2018	09:27:03	835	6.2	12.01	113.4		
06/10/2018	09:27:48	787	6.3	12.02	118.1		
06/10/2018	09:28:33	824	6.3	12.02	122.8		
06/10/2018	09:29:18	786	6.3	12.03	127.4		
06/10/2018	09:30:03	802	6.3	12.02	132.1		
06/10/2018	09:30:48	805	6.2	12.02	136.8		
06/10/2018	09:31:33	791	6.3	12.01	141.5		
06/10/2018	09:32:18	801	6.3	12.01	146.2		
06/10/2018	09:33:03	789	6.3	12.01	150.9		
06/10/2018	09:33:48	785	6.3	12.00	155.6		
06/10/2018	09:34:33	766	6.2	12.00	160.3		
06/10/2018	09:35:18	767	6.3	12.01	165.0		
06/10/2018	09:36:03	781	6.3	12.02	169.7		
06/10/2018	09:36:48	760	6.3	12.01	174.4		
06/10/2018	09:37:33	760	6.3	12.01	179.1		
06/10/2018	09:38:18	761	6.3	12.00	183.8		
06/10/2018	09:39:03	762	6.3	11.98	188.6		
06/10/2018	09:39:48	766	6.3	11.96	193.3		
06/10/2018	09:40:33	222	3.2	11.91	196.5		
06/10/2018	09:41:18	239	3.2	11.93	198.9		
06/10/2018	09:42:03	778	5.7	11.98	202.0		
06/10/2018	09:42:48	790	6.3	12.01	206.7		
06/10/2018	09:43:33	796	6.3	12.03	211.4		
06/10/2018	09:44:18	796	6.3	12.02	216.1		
06/10/2018	09:45:03	796	6.3	12.01	220.8		
06/10/2018	09:45:48	799	6.3	12.00	225.5		
06/10/2018	09:46:33	787	6.3	11.98	230.2		
06/10/2018	09:47:18	792	6.3	11.99	234.9		
06/10/2018	09:48:48	817	6.3	12.03	244.4		
06/10/2018	09:49:33	776	6.3	12.01	249.1		
06/10/2018	09:50:18	808	6.3	12.01	253.8		
06/10/2018	09:51:03	813	6.3	12.01	258.5		
06/10/2018	09:51:48	815	6.3	12.01	263.2		
06/10/2018	09:52:33	811	6.3	12.02	267.9		
06/10/2018	09:53:18	814	6.3	12.02	272.6		
06/10/2018	09:54:03	803	6.3	12.00	277.3		
06/10/2018	09:54:48	798	6.3	12.03	282.0		
06/10/2018	09:55:33	811	6.3	12.03	286.7		
06/10/2018	09:56:18	794	6.3	12.03	291.4		
06/10/2018	09:57:03	776	6.3	12.01	296.2		
06/10/2018	09:57:48	268	3.2	11.98	299.5		
06/10/2018	09:58:33	251	3.1	11.95	301.9		
06/10/2018	09:59:18	219	3.2	11.93	304.3		
06/10/2018	10:00:03	265	3.2	11.92	306.7		
06/10/2018	10:00:48	204	3.2	11.92	309.1		
06/10/2018	10:01:33	247	3.2	11.92	311.5		
06/10/2018	10:02:18	181	2.9	11.92	313.9		
06/10/2018	10:03:03	11	0.0	12.26	314.3	End Lead Slurry	
06/10/2018	10:03:04	10	0.0	12.29	314.3	Reset Total, Vol = 234.34 bbl	
06/10/2018	10:03:05	10	0.0	12.52	314.3	End CemFit Heal Well Bond Slurry	
06/10/2018	10:03:06	11	0.0	12.34	314.3	710 Sacks @ 12 PPG	

Well Quarter Circle 24-8HZ			Field Wattenberg		Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY		Job Number E0ZP-00241	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/10/2018	10:03:08	10	0.0	12.62	314.3	MudScale @ 12 ppg				
06/10/2018	10:03:09	10	0.0	12.91	314.3	Top Of Lead @ 2500 ft				
06/10/2018	10:03:48	11	0.0	12.37	314.3					
06/10/2018	10:04:33	11	0.0	12.37	314.3					
06/10/2018	10:05:18	11	0.4	9.82	314.3					
06/10/2018	10:06:03	12	0.0	11.42	314.4					
06/10/2018	10:06:48	12	0.0	11.95	314.4					
06/10/2018	10:07:33	13	0.0	11.94	314.4					
06/10/2018	10:08:18	13	0.0	11.94	314.5					
06/10/2018	10:09:03	12	0.0	11.94	314.5					
06/10/2018	10:09:48	12	0.0	11.94	314.5					
06/10/2018	10:10:33	111	2.0	13.43	314.7	Start Mixing Tail Slurry				
06/10/2018	10:11:18	407	4.5	13.51	316.9					
06/10/2018	10:12:03	675	6.3	13.51	321.0					
06/10/2018	10:12:48	678	6.3	13.52	325.8					
06/10/2018	10:13:33	676	6.3	13.51	330.5					
06/10/2018	10:14:18	658	6.4	13.49	335.3					
06/10/2018	10:15:03	651	6.4	13.50	340.0					
06/10/2018	10:15:48	966	8.2	13.50	346.0					
06/10/2018	10:16:33	930	8.2	13.46	352.2					
06/10/2018	10:17:18	951	8.2	13.46	358.4					
06/10/2018	10:18:03	932	8.3	13.48	364.6					
06/10/2018	10:18:48	954	8.2	13.47	370.8					
06/10/2018	10:19:33	963	8.2	13.48	376.9					
06/10/2018	10:20:18	966	8.2	13.47	383.1					
06/10/2018	10:21:03	975	8.3	13.50	389.3					
06/10/2018	10:21:48	640	6.4	13.51	394.5					
06/10/2018	10:22:33	631	6.4	13.53	399.2					
06/10/2018	10:23:18	630	6.4	13.53	404.0					
06/10/2018	10:24:03	647	6.4	13.53	408.8					
06/10/2018	10:24:48	649	6.4	13.53	413.5					
06/10/2018	10:25:33	636	6.4	13.52	418.3					
06/10/2018	10:26:18	650	6.4	13.54	423.1					
06/10/2018	10:27:03	664	6.4	13.55	427.8					
06/10/2018	10:27:48	685	6.4	13.62	432.6					
06/10/2018	10:28:33	634	6.4	13.42	437.4					
06/10/2018	10:29:18	629	6.4	13.48	442.1					
06/10/2018	10:30:03	645	6.3	13.52	446.9					
06/10/2018	10:30:48	657	6.3	13.55	451.7					
06/10/2018	10:31:33	650	6.4	13.55	456.4					
06/10/2018	10:32:18	657	6.4	13.53	461.1					
06/10/2018	10:33:03	640	6.4	13.54	465.9					
06/10/2018	10:33:48	662	6.4	13.56	470.7					
06/10/2018	10:34:33	649	6.4	13.51	475.5					
06/10/2018	10:35:18	644	6.2	13.44	480.1					
06/10/2018	10:36:03	613	6.4	13.34	484.9					
06/10/2018	10:36:48	638	6.4	13.36	489.6					
06/10/2018	10:37:33	627	6.3	13.43	494.3					
06/10/2018	10:38:18	641	6.4	13.48	499.2					
06/10/2018	10:39:03	661	6.4	13.51	503.9					
06/10/2018	10:39:48	678	6.3	13.50	508.7					
06/10/2018	10:40:33	681	6.3	13.49	513.5					
06/10/2018	10:41:18	661	6.3	13.49	518.3					
06/10/2018	10:42:03	653	6.4	13.55	523.0					

Well Quarter Circle 24-8HZ			Field Wattenberg		Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY		Job Number E0ZP-00241	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/10/2018	10:43:33	658	6.3	13.55	532.5					
06/10/2018	10:44:18	663	6.3	13.56	537.3					
06/10/2018	10:45:03	672	6.4	13.55	542.1					
06/10/2018	10:45:48	667	6.3	13.56	546.8					
06/10/2018	10:46:33	676	6.4	13.55	551.6					
06/10/2018	10:47:18	679	6.4	13.53	556.4					
06/10/2018	10:48:03	667	6.4	13.52	561.1					
06/10/2018	10:48:48	640	6.3	13.51	565.9					
06/10/2018	10:49:33	654	6.4	13.50	570.7					
06/10/2018	10:50:18	677	6.4	13.53	575.4					
06/10/2018	10:51:03	686	6.4	13.55	580.2					
06/10/2018	10:51:48	661	6.4	13.53	585.0					
06/10/2018	10:52:33	663	6.3	13.54	589.7					
06/10/2018	10:53:18	682	6.4	13.55	594.5					
06/10/2018	10:54:03	683	6.4	13.56	599.3					
06/10/2018	10:54:48	662	6.4	13.55	604.0					
06/10/2018	10:55:33	631	6.4	13.54	608.8					
06/10/2018	10:56:18	651	6.3	13.52	613.6					
06/10/2018	10:57:03	658	6.4	13.51	618.3					
06/10/2018	10:57:48	661	6.2	13.50	623.1					
06/10/2018	10:58:33	636	6.4	13.50	627.9					
06/10/2018	10:59:18	637	6.4	13.50	632.6					
06/10/2018	11:00:03	650	6.3	13.50	637.4					
06/10/2018	11:00:48	659	6.4	13.50	642.2					
06/10/2018	11:01:33	625	6.4	13.50	646.9					
06/10/2018	11:02:18	633	6.4	13.50	651.7					
06/10/2018	11:03:03	647	6.3	13.51	656.5					
06/10/2018	11:03:48	651	6.4	13.49	661.2					
06/10/2018	11:04:33	661	6.4	13.50	666.0					
06/10/2018	11:06:03	614	6.3	13.43	675.5					
06/10/2018	11:06:48	643	6.3	13.44	680.3					
06/10/2018	11:07:33	671	6.4	13.46	685.1					
06/10/2018	11:08:18	658	6.3	13.47	689.8					
06/10/2018	11:09:03	676	6.4	13.48	694.6					
06/10/2018	11:09:48	689	6.3	13.50	699.3					
06/10/2018	11:10:33	715	6.4	13.50	704.1					
06/10/2018	11:11:18	694	6.3	13.51	708.9					
06/10/2018	11:12:03	702	6.3	13.49	713.6					
06/10/2018	11:12:48	683	6.4	13.46	718.4					
06/10/2018	11:13:33	699	6.3	13.42	723.2					
06/10/2018	11:14:18	193	5.6	13.43	727.9					
06/10/2018	11:15:03	110	2.1	13.43	729.8					
06/10/2018	11:15:48	106	2.2	13.42	731.4					
06/10/2018	11:16:33	94	2.1	13.43	733.0	End Tail Slurry				
06/10/2018	11:16:58	-11	1.9	16.07	733.8	Reset Total, Vol = 419.49 bbl				
06/10/2018	11:16:59	47	1.9	17.28	733.8	End 505-50 POZ-"G" Slurry				
06/10/2018	11:17:00	8	1.2	17.28	733.9	1410 Sacks @ 13.5 ppg				
06/10/2018	11:17:01	15	1.0	16.81	733.9	Yield=1.66 ft3/sx; MF=7.94 gps				
06/10/2018	11:17:02	9	0.7	16.43	733.9	MudScale @ 13.5 ppg				
06/10/2018	11:17:03	9	0.5	16.08	733.9	Top Of Tail @ 8000 ft				
06/10/2018	11:17:18	11	0.0	15.31	733.9					
06/10/2018	11:18:03	6	0.0	13.91	733.9					
06/10/2018	11:18:48	6	0.0	13.32	733.9					
06/10/2018	11:19:33	7	0.0	12.81	734.0					

Well Quarter Circle 24-8HZ			Field Wattenberg		Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY		Job Number E0ZP-00241	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/10/2018	11:21:03	6	0.1	10.23	734.0					
06/10/2018	11:21:48	7	0.0	10.29	734.0					
06/10/2018	11:22:33	6	0.0	9.89	734.0					
06/10/2018	11:23:18	6	0.0	9.07	734.0					
06/10/2018	11:24:03	11	0.0	9.18	734.0					
06/10/2018	11:24:48	11	0.1	9.21	734.1					
06/10/2018	11:25:33	59	1.9	9.11	734.7					
06/10/2018	11:26:18	57	2.6	9.09	736.6					
06/10/2018	11:27:03	48	2.6	9.05	738.5					
06/10/2018	11:27:48	47	2.6	9.01	740.5					
06/10/2018	11:28:33	39	2.4	8.46	742.4					
06/10/2018	11:29:18	47	2.6	8.56	744.1					
06/10/2018	11:30:03	134	4.3	8.64	747.0					
06/10/2018	11:30:48	136	4.3	8.69	750.2					
06/10/2018	11:31:33	43	4.6	9.16	753.5					
06/10/2018	11:32:18	20	7.0	4.20	756.6					
06/10/2018	11:33:26	-33	0.0	8.44	757.6	Clean Up Unit Total, Vol = 23.77 bbl				
06/10/2018	11:33:48	-20	0.0	8.62	757.6					
06/10/2018	11:34:33	-9	0.0	8.49	757.6					
06/10/2018	11:35:18	-7	0.0	8.37	757.6					
06/10/2018	11:35:29	10	0.0	8.32	757.6	Drop top Plug				
06/10/2018	11:36:03	-27	0.0	8.63	757.6					
06/10/2018	11:36:48	-3	0.0	8.57	757.6					
06/10/2018	11:37:33	0	0.0	8.38	757.6					
06/10/2018	11:38:18	137	4.5	8.40	758.5	Start Displacement				
06/10/2018	11:39:03	129	4.5	8.38	761.9					
06/10/2018	11:39:48	133	4.5	8.38	765.3					
06/10/2018	11:40:33	443	7.5	8.37	769.3					
06/10/2018	11:41:18	443	8.2	8.35	775.4					
06/10/2018	11:42:03	443	8.3	8.34	781.6					
06/10/2018	11:42:48	451	8.3	8.35	787.8					
06/10/2018	11:43:33	455	8.3	8.35	794.0					
06/10/2018	11:44:18	860	8.2	8.35	800.2					
06/10/2018	11:45:03	1373	8.2	8.35	806.4					
06/10/2018	11:45:48	1391	8.2	8.34	812.6					
06/10/2018	11:46:33	1431	8.2	8.35	818.7					
06/10/2018	11:47:18	1483	8.2	8.35	824.8					
06/10/2018	11:48:03	1537	8.2	8.35	830.9					
06/10/2018	11:48:48	1574	8.2	8.35	837.1					
06/10/2018	11:49:33	1673	8.1	8.35	843.2					
06/10/2018	11:50:18	1722	8.1	8.35	849.3					
06/10/2018	11:51:03	1745	8.1	8.36	855.4					
06/10/2018	11:51:48	1819	8.1	8.35	861.5					
06/10/2018	11:52:33	1850	8.2	8.35	867.6					
06/10/2018	11:53:18	1909	8.1	8.35	873.8					
06/10/2018	11:54:03	1957	8.1	8.35	879.9					
06/10/2018	11:54:48	2033	8.1	8.35	885.8					
06/10/2018	11:55:33	2112	8.2	8.35	892.1					
06/10/2018	11:56:18	2180	8.2	8.35	898.1					
06/10/2018	11:57:03	2244	8.1	8.36	904.2					
06/10/2018	11:57:48	2322	8.1	8.36	910.3					
06/10/2018	11:58:33	2403	8.1	8.36	916.4					
06/10/2018	11:59:18	2487	8.1	8.35	922.4					
06/10/2018	12:00:03	2546	8.1	8.36	928.5					

Well Quarter Circle 24-8HZ			Field Wattenberg	Job Start Jun/10/2018		Customer ANADARKO PETROLEUM COMPANY	Job Number E0ZP-00241
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/10/2018	12:01:33	2685	8.1	8.36	940.6		
06/10/2018	12:02:18	2711	8.1	8.35	946.6		
06/10/2018	12:03:03	2704	8.1	8.36	952.7		
06/10/2018	12:03:48	2710	8.1	8.35	958.7		
06/10/2018	12:04:33	2720	8.1	8.35	964.8		
06/10/2018	12:05:18	2758	8.1	8.35	970.8		
06/10/2018	12:06:03	2772	8.1	8.35	976.9		
06/10/2018	12:06:48	2756	8.1	8.35	982.9		
06/10/2018	12:07:33	2783	8.1	8.36	989.0		
06/10/2018	12:08:18	2758	8.1	8.35	995.0		
06/10/2018	12:09:03	2816	8.0	8.36	1001.1		
06/10/2018	12:09:48	2834	8.0	8.35	1007.1		
06/10/2018	12:10:33	2856	8.1	8.35	1013.1		
06/10/2018	12:11:18	2855	8.1	8.35	1019.2		
06/10/2018	12:12:03	2862	8.0	8.35	1025.2		
06/10/2018	12:12:48	2909	8.0	8.35	1031.3		
06/10/2018	12:13:33	2938	8.1	8.35	1037.3		
06/10/2018	12:14:18	2084	4.4	8.35	1043.3		
06/10/2018	12:15:03	2151	6.1	8.35	1044.1		
06/10/2018	12:15:48	2466	6.2	8.35	1048.8		
06/10/2018	12:16:33	2507	6.2	8.35	1053.4		
06/10/2018	12:17:18	2511	6.2	8.35	1058.1		
06/10/2018	12:18:03	2532	6.2	8.35	1062.8		
06/10/2018	12:18:48	2572	6.2	8.35	1067.4		
06/10/2018	12:19:33	2571	6.2	8.36	1072.1		
06/10/2018	12:20:18	2586	6.2	8.36	1076.7		
06/10/2018	12:21:03	2623	6.2	8.35	1081.4		
06/10/2018	12:21:48	2630	6.2	8.35	1086.0		
06/10/2018	12:23:18	2691	6.2	8.36	1095.3		
06/10/2018	12:24:03	2688	6.2	8.35	1099.9		
06/10/2018	12:24:48	2701	6.2	8.35	1104.6		
06/10/2018	12:25:33	2707	6.2	8.35	1109.3		
06/10/2018	12:26:18	2721	6.2	8.35	1113.9		
06/10/2018	12:27:03	2731	6.2	8.35	1118.5		
06/10/2018	12:27:48	2772	6.2	8.35	1123.2		
06/10/2018	12:28:33	2786	6.2	8.35	1127.8		
06/10/2018	12:29:18	2808	6.2	8.35	1132.5		
06/10/2018	12:30:03	2832	6.2	8.35	1137.1		
06/10/2018	12:30:48	2835	6.2	8.35	1141.8		
06/10/2018	12:31:33	2836	6.2	8.35	1146.4		
06/10/2018	12:32:18	2548	5.0	8.35	1150.5		
06/10/2018	12:33:03	2579	5.0	8.35	1154.2		
06/10/2018	12:33:48	2525	5.0	8.35	1158.0		
06/10/2018	12:34:33	2546	5.0	8.35	1161.7		
06/10/2018	12:35:18	2595	5.0	8.35	1165.5		
06/10/2018	12:36:03	2067	2.2	8.35	1168.2		
06/10/2018	12:36:48	1973	2.2	8.35	1169.8		
06/10/2018	12:37:33	1963	2.2	8.35	1171.5	Bump Top Plug	
06/10/2018	12:38:18	2451	0.0	8.35	1172.3	End Displacement	
06/10/2018	12:39:03	2496	0.0	8.35	1172.3	Reset Total, Vol = 414.73 bbl	
06/10/2018	12:39:48	2518	0.0	8.35	1172.4		
06/10/2018	12:40:33	1671	0.0	8.35	1172.4	Bleed Off. Check Float	
06/10/2018	12:40:34	1628	0.0	8.35	1172.4	Float Held. 4bb Back	
06/10/2018	12:41:18	-5	0.0	8.35	1172.4		

Well Quarter Circle 24-8HZ			Field Wattenberg		Job Start Jun/10/2018	Customer ANADARKO PETROLEUM COMPANY	Job Number E0ZP-00241
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/10/2018	12:42:48	622	2.2	8.35	1173.3	Pressure Test Casing	
06/10/2018	12:43:33	1798	2.2	8.34	1174.9		
06/10/2018	12:44:18	2942	2.2	8.34	1176.5		
06/10/2018	12:45:03	2922	0.0	8.35	1176.7		
06/10/2018	12:45:48	2930	0.0	8.35	1176.7		
06/10/2018	12:46:33	2940	0.0	8.35	1176.8		
06/10/2018	12:47:18	2953	0.0	8.35	1176.8		
06/10/2018	12:48:03	2964	0.0	8.35	1176.8		
06/10/2018	12:48:48	2979	0.0	8.35	1176.8		
06/10/2018	12:49:33	2992	0.0	8.35	1176.8		
06/10/2018	12:51:03	3018	0.0	8.35	1176.9		
06/10/2018	12:51:48	3029	0.0	8.35	1176.9		
06/10/2018	12:52:33	3039	0.0	8.35	1176.9		
06/10/2018	12:53:18	3050	0.0	8.35	1176.9		
06/10/2018	12:54:03	3059	0.0	8.35	1176.9		
06/10/2018	12:54:48	3070	0.0	8.35	1176.9		
06/10/2018	12:55:33	3080	0.0	8.35	1177.0		
06/10/2018	12:56:18	3090	0.0	8.35	1177.0		
06/10/2018	12:57:03	3100	0.0	8.35	1177.0		
06/10/2018	12:57:48	3110	0.0	8.35	1177.0		
06/10/2018	12:58:33	3120	0.0	8.34	1177.0		
06/10/2018	12:59:18	3130	0.0	8.34	1177.1		
06/10/2018	13:00:03	3139	0.0	8.35	1177.1		
06/10/2018	13:00:48	3149	0.0	8.34	1177.1		
06/10/2018	13:01:33	3159	0.0	8.35	1177.1	End Casing Test	
06/10/2018	13:02:18	3506	2.1	8.34	1177.4	Open @ 3506 psi	
06/10/2018	13:02:19	3514	2.1	8.34	1177.4	Pump 3bbls for Wet Shoe	
06/10/2018	13:03:03	2177	2.2	8.34	1179.0		
06/10/2018	13:03:48	2058	2.2	8.35	1180.6		
06/10/2018	13:04:33	1657	0.0	8.35	1181.1		
06/10/2018	13:05:18	274	0.0	8.35	1181.1		
06/10/2018	13:06:03	-3	0.0	8.35	1181.1		
06/10/2018	13:06:48	0	0.0	8.35	1181.1	End Job	
06/10/2018	13:07:33	3	0.0	8.35	1181.1		
06/10/2018	13:08:18	5	0.0	8.35	1181.1		
06/10/2018	13:09:03	-1	0.0	8.35	1181.2		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate		Total Slurry 653.8	Mud	Spacer 80.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 6000	Final 3506	Average 801	Bump Plug to 2000	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %		Designed Slurry Volume 651.0 bbl		Displacement 414.7 bbl		Mix Water Temp 78 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 0.0 bbl		
								Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Jeremy Duty / David Cornett				Schlumberger Supervisor Wence Luste			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			
							-	-			