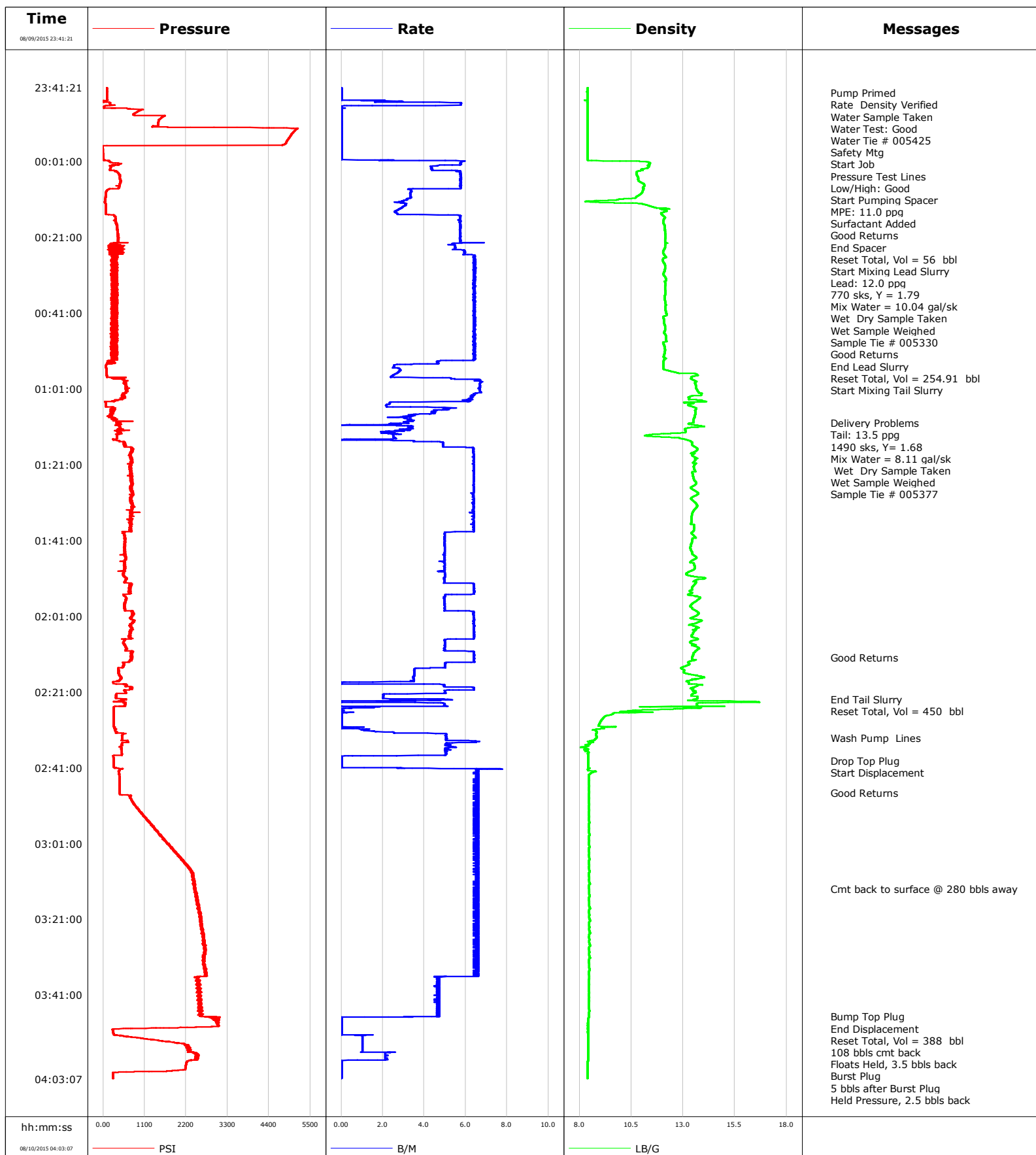


Well Troudt 7
Field Wattenberg
Engineer Matlock/Storey
Country United States

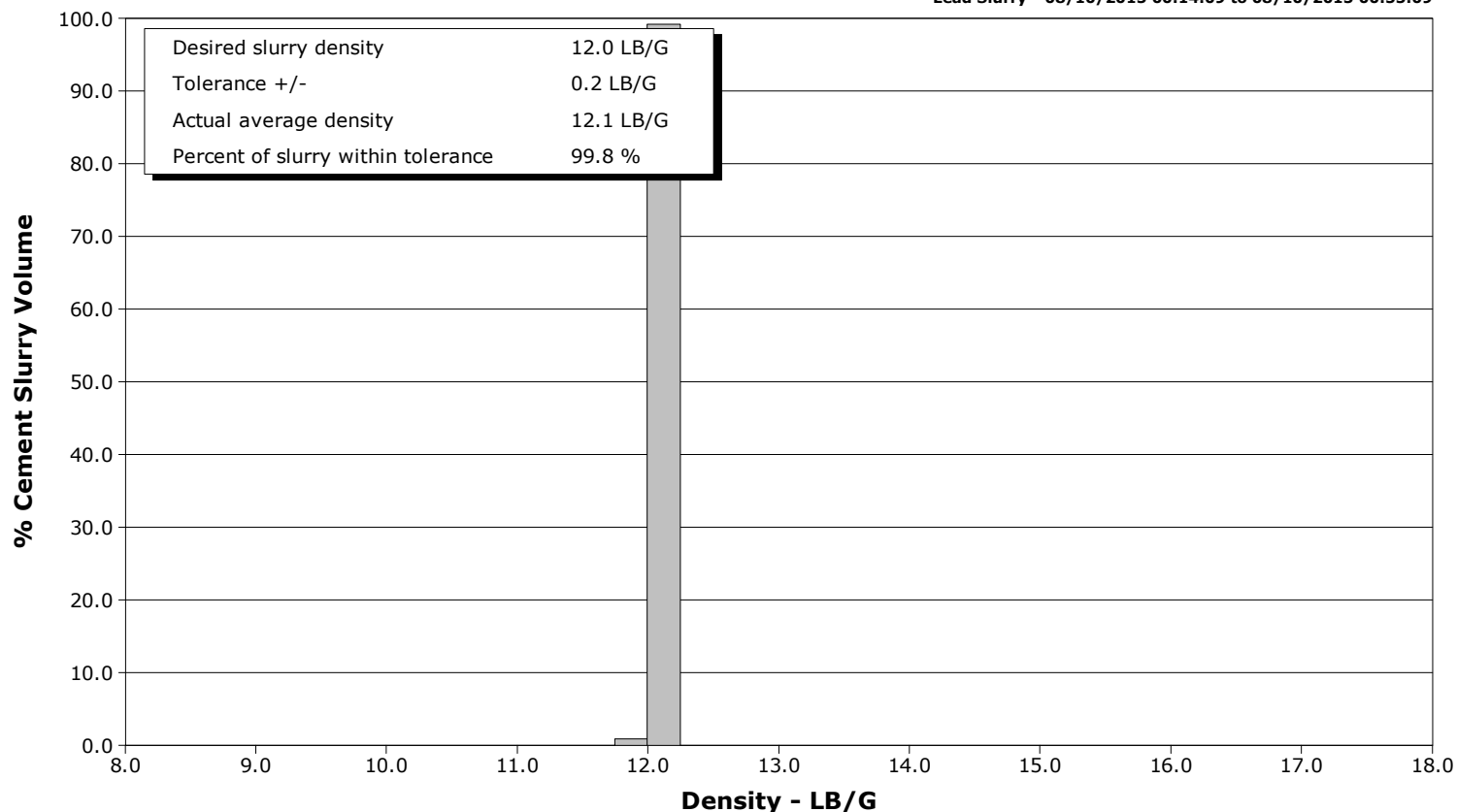
Client Extraction Oil Gas
SIR No. DAXH-00334
Job Type Production
Job Date 08-10-2015



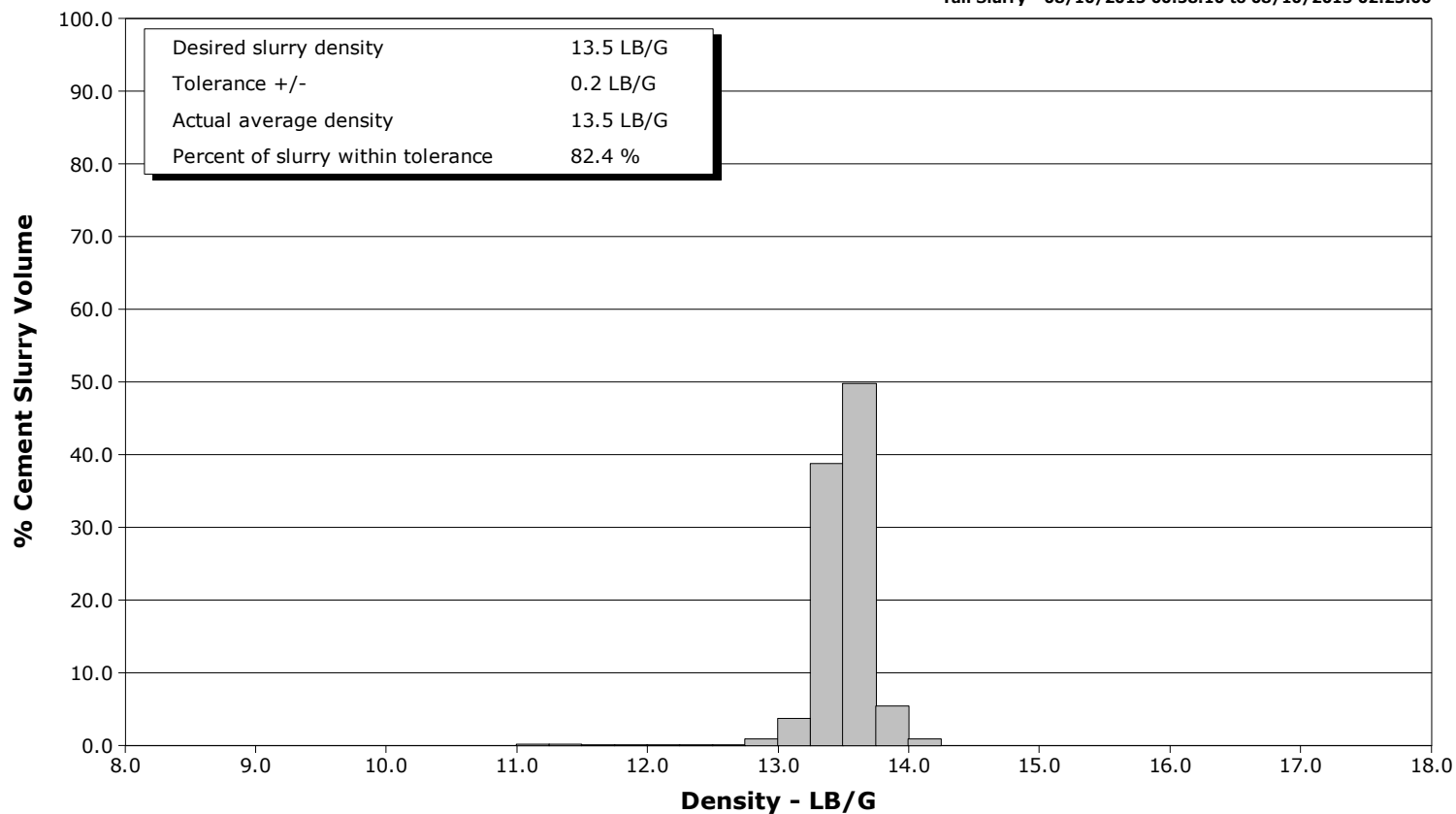
Well Troudt 7
Field Wattenberg
Engineer Matlock/Storey
Country United States

Client Extraction Oil Gas
SIR No. DAXH-00334
Job Type Production
Job Date 08-10-2015

Lead Slurry - 08/10/2015 00:14:09 to 08/10/2015 00:55:09



Tail Slurry - 08/10/2015 00:58:10 to 08/10/2015 02:23:00



Cementing Service Report

					Customer Extraction Oil & Gas			Job Number DAXH-00334										
Well Troudt 7				Location (legal)			Schlumberger Location Cheyenne			Job Start Aug/09/2015								
Field Wattenberg			Formation Name/Type			Deviation deg		Bit Size 7.9 in		Well MD 17548.0 ft		Well TVD 7464.0 ft						
County Weld			State/Province CO			BHP psi		BHST 214 degF		BHCT 213 degF		Pore Press. Gradient lb/gal						
Well Master 0631646502			API/UWI 05123414380000															
Rig Name Savanna 802		Drilled For Oil		Service Via Land		Casing/ Liner												
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread				
Offshore Zone		Well Class New		Well Type Development		17548.0		5.5		20.0		P-110						
						0.0		0.0		0.0								
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 Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft				
						ft		ft										
						ft		ft										
								Treat Down Casing		Displacement 388.0 bbl		Packer Type		Packer Depth ft				
								Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. 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				Squeeze Type						
Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft				Tool Type						
No. Centralizers				Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth ft						
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in								
Job Scheduled For Aug/09/2015 19:30			Arrived on Location Aug/09/2015 19:30			Leave Location Aug/10/2015 05:00			Collar Type				Tail Pipe Depth ft					
									Collar Depth ft				Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message											
08/09/2015	23:41:21	105	0.0	8.40	0.0	0												
08/09/2015	23:42:52	104	0.0	8.40	0.0	0	Pump Primed											
08/09/2015	23:42:53	105	0.0	8.40	0.0	0	Rate Density Verified											
08/09/2015	23:42:54	105	0.0	8.40	0.0	0	Water Sample Taken											
08/09/2015	23:43:01	104	0.0	8.40	0.0	0												
08/09/2015	23:43:52	103	0.0	8.40	0.0	0	Water Test: Good											
08/09/2015	23:43:53	103	0.0	8.40	0.0	0	Water Tie # 005425											
08/09/2015	23:44:12	104	0.0	8.40	0.0	0	Safety Mtg											
08/09/2015	23:44:41	103	0.0	8.40	0.0	0												
08/09/2015	23:45:00	52	2.0	8.40	0.2	0	Start Job											
08/09/2015	23:46:21	45	0.0	8.40	6.0	0												
08/09/2015	23:48:01	882	0.0	8.40	6.0	0												
08/09/2015	23:48:41	797	0.0	8.40	6.0	0	Pressure Test Lines											
08/09/2015	23:49:41	1516	0.0	8.40	6.0	0												
08/09/2015	23:51:21	1453	0.0	8.40	6.0	0												
08/09/2015	23:53:01	5067	0.0	8.40	6.0	0												
08/09/2015	23:54:41	4937	0.0	8.40	6.0	0												
08/09/2015	23:56:12	4844	0.0	8.40	6.0	0	Low/High: Good											
08/09/2015	23:56:21	4837	0.0	8.40	6.0	0												
08/09/2015	23:58:01	-6	0.0	8.40	0.0	0												
08/09/2015	23:59:41	2	0.0	8.40	0.0	0												

Well			Field		Job Start		Customer		Job Number	
Troudt 7			Wattenberg		Aug/09/2015		Extraction Oil & Gas		DAXH-00334	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
08/10/2015	00:01:21	260	5.7	11.39	3.7	18				
08/10/2015	00:02:48	192	4.4	11.26	11.0	26	MPE: 11.0 ppg			
08/10/2015	00:03:01	181	4.4	11.01	11.9	31				
08/10/2015	00:04:41	439	5.8	10.78	21.0	38				
08/10/2015	00:04:47	440	5.8	10.79	21.6	38	Good Returns			
08/10/2015	00:06:21	461	5.8	10.92	30.6	37				
08/10/2015	00:08:01	411	5.8	11.06	40.2	34				
08/10/2015	00:09:41	68	3.3	10.93	46.2	33				
08/10/2015	00:11:21	50	3.0	8.84	51.7	33				
08/10/2015	00:12:33	70	3.1	11.28	55.2	19	End Spacer			
08/10/2015	00:13:01	72	3.0	11.54	56.6	15				
08/10/2015	00:13:43	77	2.8	12.04	1.7	20	Reset Total, Vol = 56 bbl			
08/10/2015	00:14:09	78	2.6	12.19	2.9	21	Start Mixing Lead Slurry			
08/10/2015	00:14:12	76	2.6	12.18	3.0	21	Lead: 12.0 ppg			
08/10/2015	00:14:13	77	2.6	12.17	3.0	21	770 sks, Y = 1.79			
08/10/2015	00:14:15	78	2.6	12.15	3.1	21	Mix Water = 10.04 gal/sk			
08/10/2015	00:14:16	78	2.6	12.14	3.2	21	Wet Dry Sample Taken			
08/10/2015	00:14:17	78	2.6	12.12	3.2	21	Wet Sample Weighed			
08/10/2015	00:14:41	76	2.7	11.93	4.3	23				
08/10/2015	00:16:21	354	5.7	12.07	12.7	25				
08/10/2015	00:16:25	320	5.7	12.06	13.1	25	Sample Tie # 005330			
08/10/2015	00:18:01	373	5.7	12.11	22.2	26				
08/10/2015	00:19:41	393	5.7	12.12	31.8	27				
08/10/2015	00:21:21	404	5.7	12.14	41.4	27				
08/10/2015	00:23:01	464	5.5	12.13	50.8	27				
08/10/2015	00:24:41	458	6.0	12.04	60.1	27				
08/10/2015	00:26:21	367	6.4	12.18	70.3	28				
08/10/2015	00:28:01	349	6.4	12.10	81.0	29				
08/10/2015	00:29:41	356	6.4	12.11	91.7	28				
08/10/2015	00:31:21	388	6.4	12.12	102.4	28				
08/10/2015	00:33:01	267	6.4	12.14	113.1	29				
08/10/2015	00:34:41	234	6.4	12.13	123.8	29				
08/10/2015	00:36:21	225	6.4	12.12	134.5	28				
08/10/2015	00:38:01	296	6.4	12.13	145.2	28				
08/10/2015	00:39:41	338	6.4	12.15	155.9	28				
08/10/2015	00:41:21	282	6.4	12.19	166.5	28				
08/10/2015	00:43:01	349	6.4	12.08	177.2	30				
08/10/2015	00:44:41	384	6.4	12.14	187.9	29				
08/10/2015	00:46:21	373	6.4	12.09	198.6	28				
08/10/2015	00:48:01	285	6.4	12.17	209.3	28				
08/10/2015	00:49:06	353	6.4	12.04	216.3	30	Good Returns			
08/10/2015	00:49:41	350	6.4	12.09	220.0	30				
08/10/2015	00:51:21	354	6.5	12.11	230.7	29				
08/10/2015	00:53:01	241	6.4	12.17	241.4	29				
08/10/2015	00:54:41	80	2.6	12.05	249.8	30				
08/10/2015	00:55:09	74	2.5	12.05	251.0	30	End Lead Slurry			
08/10/2015	00:55:14	72	2.5	12.05	251.2	30	Reset Total, Vol = 254.91 bbl			
08/10/2015	00:56:21	86	2.8	12.40	254.2	31				
08/10/2015	00:58:01	614	3.2	13.41	258.6	35				
08/10/2015	00:58:10	516	5.3	13.39	259.2	35	Start Mixing Tail Slurry			
08/10/2015	00:59:41	597	6.7	13.58	269.0	36				
08/10/2015	01:01:21	596	6.7	13.68	5.8	37				
08/10/2015	01:03:01	593	6.3	13.34	16.7	39				
08/10/2015	01:04:41	68	2.3	13.04	26.1	40				

Well			Field		Job Start		Customer		Job Number	
Troud 7			Wattenberg		Aug/09/2015		Extraction Oil & Gas		DAXH-00334	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
08/10/2015	01:08:01	203	3.5	13.56	38.5	40				
08/10/2015	01:09:41	434	3.1	13.50	43.9	40				
08/10/2015	01:10:00	470	3.1	13.48	44.9	40	Delivery Problems			
08/10/2015	01:11:21	454	3.4	13.20	48.5	37				
08/10/2015	01:11:44	398	3.1	13.09	49.8	37	Tail: 13.5 ppg			
08/10/2015	01:11:47	385	3.2	13.09	49.9	37	1490 sks, Y= 1.68			
08/10/2015	01:11:49	406	3.3	13.09	50.0	37	Mix Water = 8.11 gal/sk			
08/10/2015	01:11:51	369	3.3	13.10	50.2	37	Wet Dry Sample Taken			
08/10/2015	01:11:52	442	3.4	13.10	50.2	37	Wet Sample Weighed			
08/10/2015	01:11:53	442	3.3	13.10	50.3	37	Sample Tie # 005377			
08/10/2015	01:13:01	373	2.6	11.54	53.1	32				
08/10/2015	01:14:41	410	3.3	13.32	56.7	31				
08/10/2015	01:16:21	599	4.9	13.57	64.4	32				
08/10/2015	01:18:01	735	6.4	13.38	74.9	37				
08/10/2015	01:19:41	733	6.4	13.59	85.5	34				
08/10/2015	01:21:21	750	6.4	13.51	96.2	34				
08/10/2015	01:23:01	713	6.4	13.44	106.8	37				
08/10/2015	01:24:41	740	6.4	13.50	117.5	39				
08/10/2015	01:26:21	794	6.4	13.58	128.1	39				
08/10/2015	01:28:01	736	6.4	13.60	138.7	37				
08/10/2015	01:29:41	710	6.4	13.42	149.3	36				
08/10/2015	01:31:21	762	6.4	13.63	160.0	36				
08/10/2015	01:33:01	630	6.4	13.52	170.6	37				
08/10/2015	01:34:41	749	6.3	13.40	181.2	36				
08/10/2015	01:36:21	740	6.4	13.39	191.9	36				
08/10/2015	01:38:01	708	6.4	13.51	202.5	36				
08/10/2015	01:39:41	569	5.0	13.50	211.8	36				
08/10/2015	01:41:21	585	5.0	13.43	220.1	37				
08/10/2015	01:43:01	567	5.0	13.35	228.4	39				
08/10/2015	01:44:41	581	5.0	13.45	236.8	39				
08/10/2015	01:46:21	577	5.0	13.43	245.0	38				
08/10/2015	01:48:01	593	5.0	13.56	253.3	39				
08/10/2015	01:49:41	528	5.0	13.17	261.6	38				
08/10/2015	01:51:21	625	5.0	13.70	269.9	37				
08/10/2015	01:53:01	755	6.4	13.49	279.2	36				
08/10/2015	01:54:41	698	6.4	13.39	289.9	35				
08/10/2015	01:56:21	621	5.0	13.79	299.0	38				
08/10/2015	01:58:01	565	5.0	13.39	307.3	38				
08/10/2015	01:59:41	791	6.3	13.64	315.7	39				
08/10/2015	02:01:21	761	6.4	13.45	326.3	39				
08/10/2015	02:03:01	784	6.4	13.51	337.0	37				
08/10/2015	02:04:41	712	6.4	13.62	347.6	36				
08/10/2015	02:06:21	705	6.4	13.40	358.3	35				
08/10/2015	02:08:01	552	5.0	13.33	367.6	36				
08/10/2015	02:09:41	632	5.0	13.75	375.9	39				
08/10/2015	02:11:21	752	6.4	13.48	385.8	37				
08/10/2015	02:11:52	745	6.4	13.45	389.1	37	Good Returns			
08/10/2015	02:13:01	705	6.4	13.30	396.5	37				
08/10/2015	02:14:41	407	4.9	12.91	405.1	33				
08/10/2015	02:16:21	412	3.5	13.32	411.0	34				
08/10/2015	02:18:01	393	3.5	13.27	416.8	36				
08/10/2015	02:19:41	758	5.7	13.56	421.7	37				
08/10/2015	02:21:21	611	5.0	13.55	431.2	36				
08/10/2015	02:23:00	570	5.1	13.52	435.5	38	End Tail Slurry			

Well			Field		Job Start		Customer		Job Number	
Troudt 7			Wattenberg		Aug/09/2015		Extraction Oil & Gas		DAXH-00334	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
08/10/2015	02:24:41	582	5.0	13.69	441.4	77				
08/10/2015	02:25:25	278	0.0	12.99	442.6	0	Reset Total, Vol = 450 bbl			
08/10/2015	02:26:21	278	0.0	11.43	442.6	0				
08/10/2015	02:28:01	279	0.0	9.13	0.0	0				
08/10/2015	02:29:41	281	0.0	8.94	0.0	0				
08/10/2015	02:31:21	321	1.6	8.81	0.8	48				
08/10/2015	02:33:00	504	5.1	8.82	7.5	68	Wash Pump Lines			
08/10/2015	02:33:01	504	5.1	8.82	7.6	68				
08/10/2015	02:34:41	498	5.1	8.47	16.8	53				
08/10/2015	02:36:21	476	5.1	8.26	25.4	65				
08/10/2015	02:38:01	271	0.0	8.42	32.9	0				
08/10/2015	02:39:00	278	0.0	8.42	32.9	0	Drop Top Plug			
08/10/2015	02:39:41	278	0.0	8.41	32.9	0				
08/10/2015	02:41:21	511	7.8	8.43	1.4	0				
08/10/2015	02:42:19	414	6.5	8.61	7.9	0	Start Displacement			
08/10/2015	02:43:01	431	6.6	8.44	12.5	0				
08/10/2015	02:44:41	442	6.6	8.44	23.5	0				
08/10/2015	02:46:21	443	6.5	8.44	34.4	0				
08/10/2015	02:47:43	440	6.5	8.46	43.4	0	Good Returns			
08/10/2015	02:48:01	450	6.6	8.44	45.3	0				
08/10/2015	02:49:41	761	6.6	8.44	56.3	0				
08/10/2015	02:51:21	877	6.5	8.44	67.2	0				
08/10/2015	02:53:01	1035	6.5	8.44	78.1	0				
08/10/2015	02:54:41	1165	6.6	8.44	89.0	0				
08/10/2015	02:56:21	1290	6.5	8.44	99.9	0				
08/10/2015	02:58:01	1438	6.5	8.45	110.8	0				
08/10/2015	02:59:41	1608	6.6	8.45	121.8	0				
08/10/2015	03:01:21	1771	6.6	8.46	132.7	0				
08/10/2015	03:03:01	1877	6.6	8.45	143.6	0				
08/10/2015	03:04:41	2036	6.5	8.46	154.5	0				
08/10/2015	03:06:21	2193	6.6	8.45	165.4	0				
08/10/2015	03:08:01	2342	6.5	8.47	176.4	0				
08/10/2015	03:09:41	2376	6.5	8.45	187.3	0				
08/10/2015	03:11:21	2429	6.5	8.48	198.2	0				
08/10/2015	03:13:00	2426	6.5	8.46	209.0	0	Cmt back to surface @ 280 bbls away			
08/10/2015	03:13:01	2423	6.6	8.46	209.2	0				
08/10/2015	03:14:41	2478	6.6	8.49	220.1	0				
08/10/2015	03:16:21	2520	6.5	8.46	231.0	0				
08/10/2015	03:18:01	2532	6.4	8.50	241.9	0				
08/10/2015	03:19:41	2587	6.6	8.47	252.8	0				
08/10/2015	03:21:21	2609	6.6	8.51	263.7	0				
08/10/2015	03:23:01	2602	6.6	8.48	274.7	0				
08/10/2015	03:24:41	2659	6.5	8.52	285.6	0				
08/10/2015	03:26:21	2674	6.6	8.48	296.5	0				
08/10/2015	03:28:01	2679	6.6	8.52	307.4	0				
08/10/2015	03:29:41	2714	6.5	8.48	318.3	0				
08/10/2015	03:31:21	2667	6.6	8.49	329.3	0				
08/10/2015	03:33:01	2706	6.6	8.46	340.2	0				
08/10/2015	03:34:41	2715	6.5	8.46	351.1	0				
08/10/2015	03:36:21	2432	4.6	8.46	361.6	0				
08/10/2015	03:38:01	2490	4.6	8.45	369.5	0				
08/10/2015	03:39:41	2553	4.7	8.45	377.3	0				
08/10/2015	03:41:21	2513	4.7	8.45	385.1	0				
08/10/2015	03:43:01	2526	4.6	8.45	393.0	0				

Well Troudt 7			Field Wattenberg		Job Start Aug/09/2015	Customer Extraction Oil & Gas		Job Number DAXH-00334
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/10/2015	03:46:21	2630	4.6	8.45	408.7	0		
08/10/2015	03:46:40	2597	4.6	8.46	410.2	0	Bump Top Plug	
08/10/2015	03:46:41	2753	4.7	8.46	410.2	0	End Displacement	
08/10/2015	03:46:50	3036	2.3	8.46	410.8	0	Reset Total, Vol = 388 bbl	
08/10/2015	03:47:00	3088	0.0	8.44	410.9	0	108 bbls cmt back	
08/10/2015	03:48:01	3020	0.0	8.41	410.9	0		
08/10/2015	03:49:41	1755	0.0	8.41	410.9	0		
08/10/2015	03:49:42	1618	0.0	8.41	410.9	0	Floats Held, 3.5 bbls back	
08/10/2015	03:51:21	282	0.0	8.42	410.9	0		
08/10/2015	03:53:01	1483	1.0	8.42	412.4	0		
08/10/2015	03:54:41	2258	1.0	8.42	414.1	0		
08/10/2015	03:54:43	2279	1.0	8.41	414.1	0	Burst Plug	
08/10/2015	03:56:21	2489	2.1	8.42	416.0	0		
08/10/2015	03:58:01	2514	2.1	8.42	419.6	0		
08/10/2015	03:58:43	2217	0.0	8.40	420.1	0	5 bbls after Burst Plug	
08/10/2015	03:59:41	2194	0.0	8.40	420.1	0		
08/10/2015	03:59:43	2193	0.0	8.40	420.1	0	Held Pressure, 2.5 bbls back	
08/10/2015	04:01:21	608	0.0	8.40	420.1	0		
08/10/2015	04:02:49	262	0.0	8.40	420.1	0	End Job	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.5	N2	Mud	Maximum Rate 7.8		Total Slurry 704.0	Mud 0.0	Spacer 56.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 5178	Final 264	Average 1025	Bump Plug to 3000	Breakdown	Type	Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 691.0 bbl		Displacement 388.0 bbl	Mix Water Temp 80 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 108.0 bbl		
						Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Sean			Schlumberger Supervisor Matlock/Storey			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>		
						-		-		