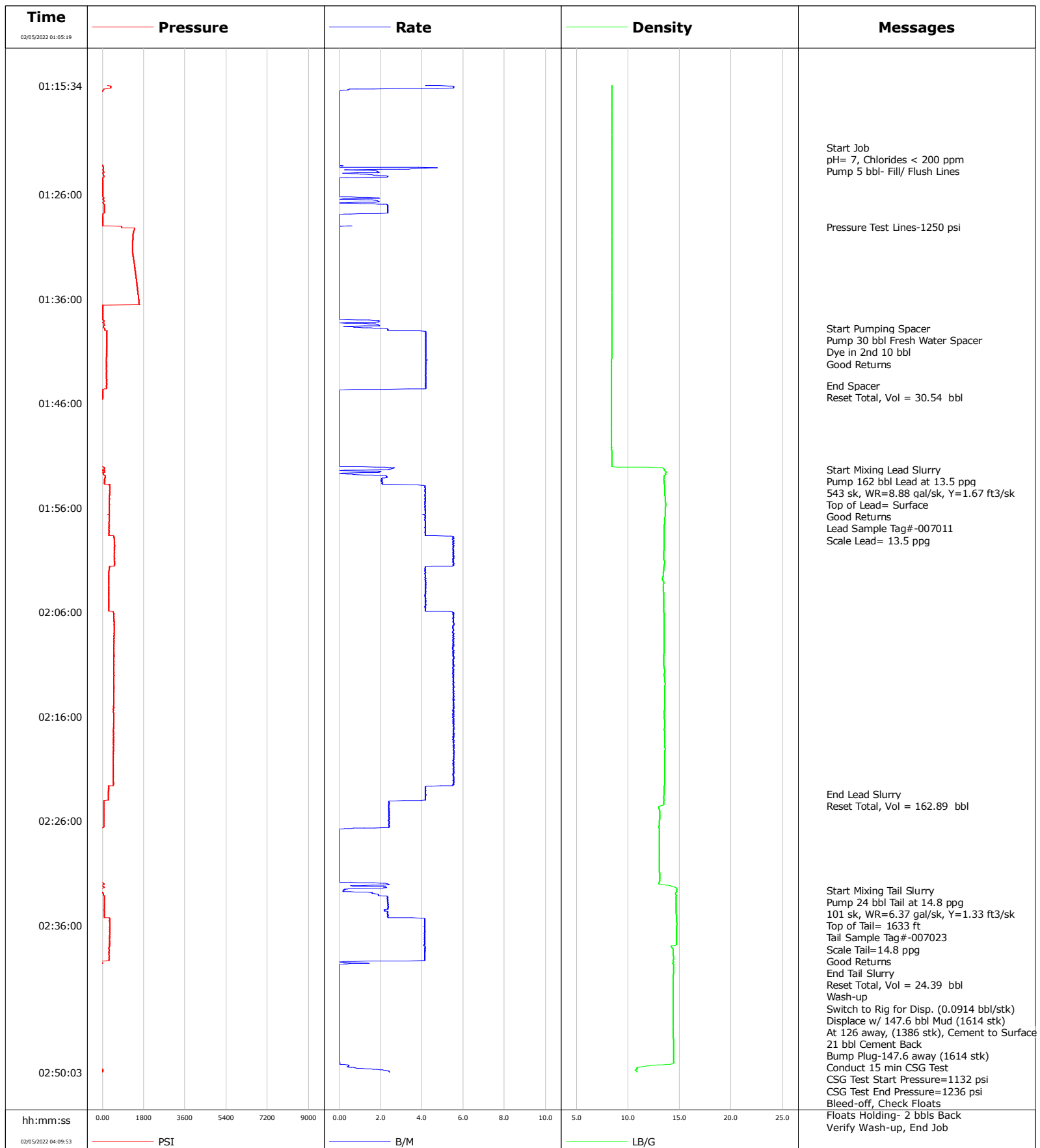


Well Guttersen D10-715
Field Wattenberg
Engineer Thomas Bailey
Country United States

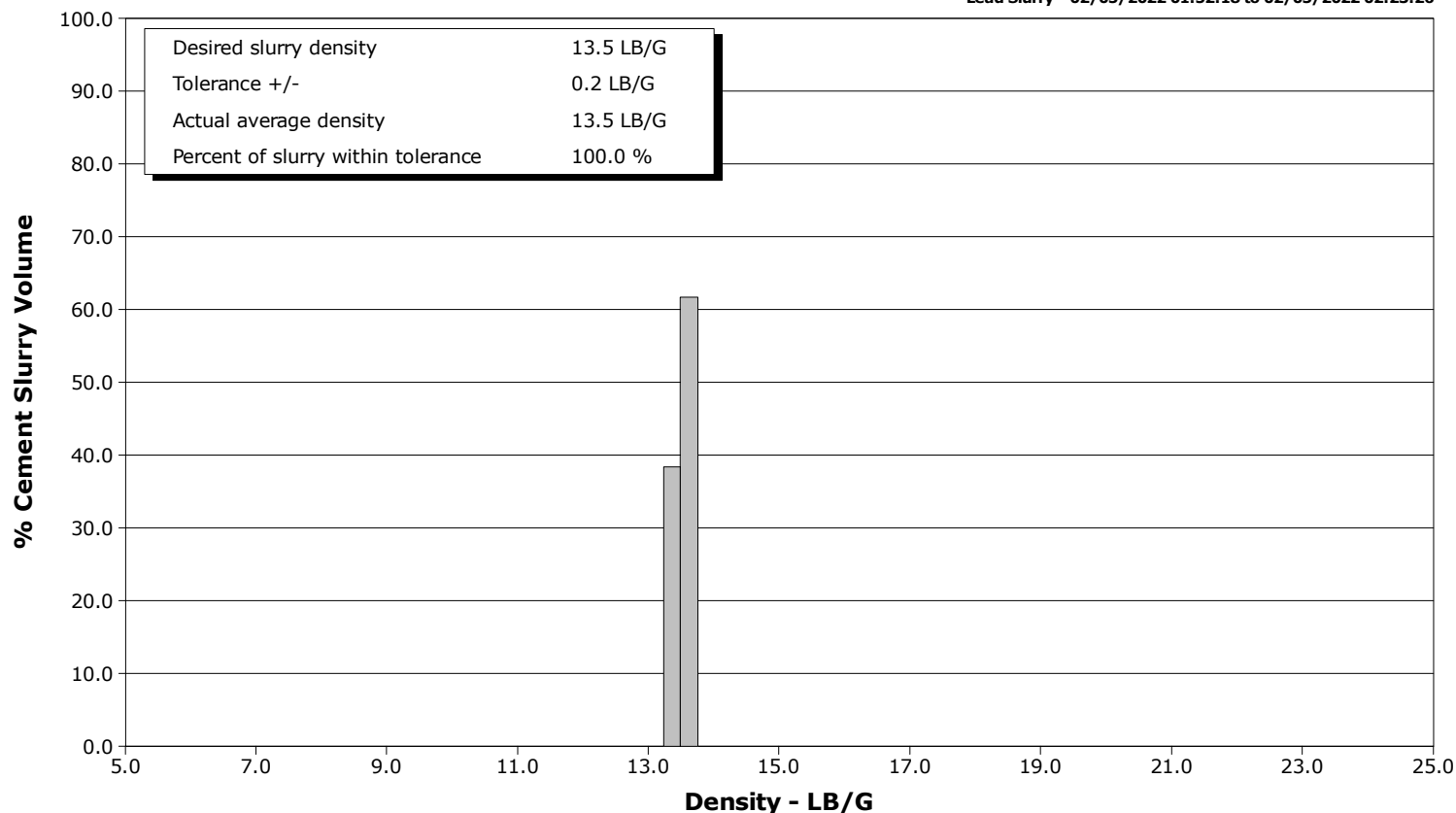
Client Chevron
SIR No. EN82-03183
Job Type 9 5/8" Surface
Job Date 02-05-2022



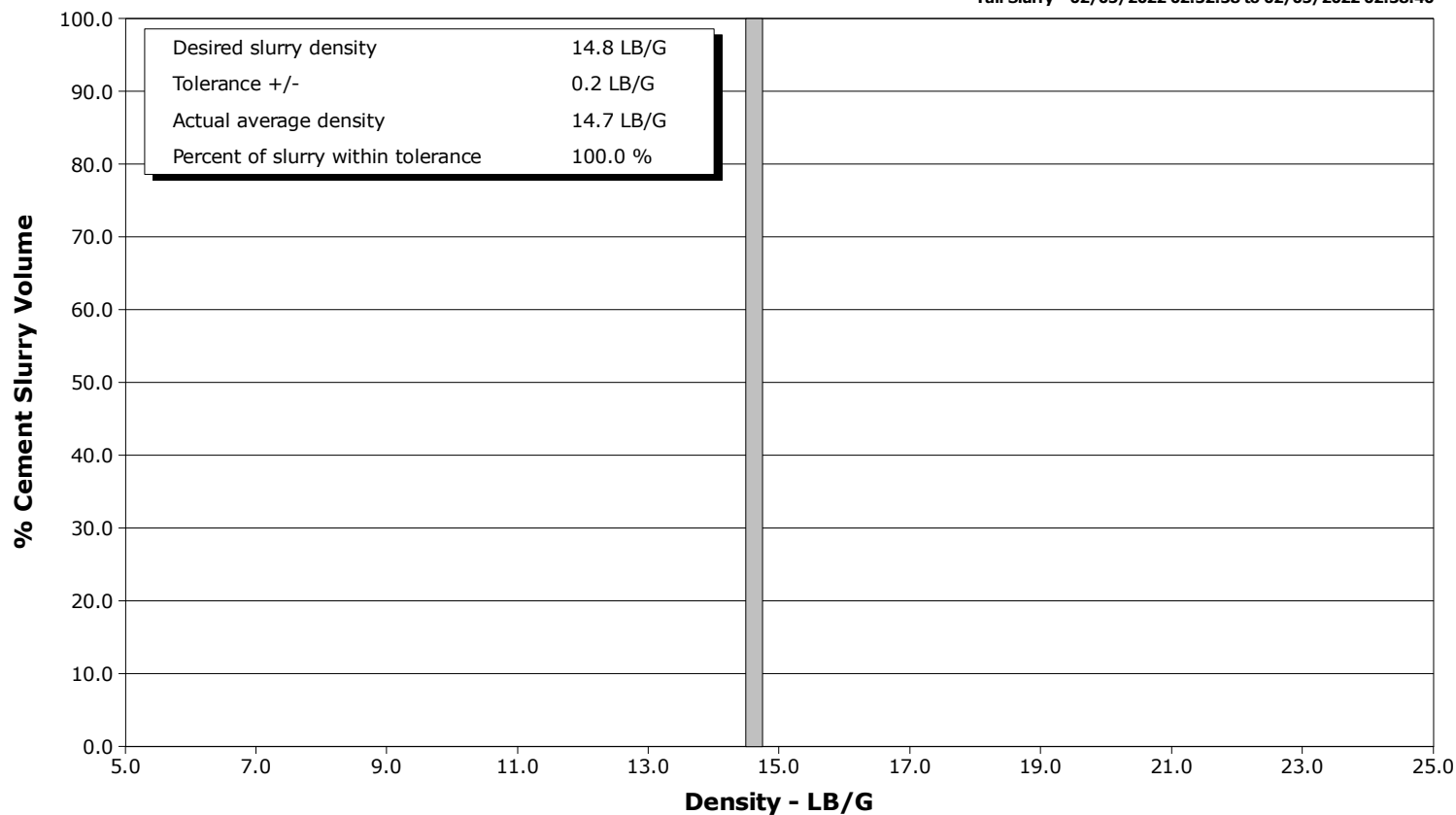
Well Guttersen D10-715
Field Wattenberg
Engineer Thomas Bailey
Country United States

Client Chevron
SIR No. EN82-03183
Job Type 9 5/8" Surface
Job Date 02-04-2022

Lead Slurry - 02/05/2022 01:52:18 to 02/05/2022 02:23:26



Tail Slurry - 02/05/2022 02:32:38 to 02/05/2022 02:38:40



				Customer Chevron			Job Number EN82-03183	
Well Guttersen D10-715			Location (legal) HP517		Schlumberger Location			Job Start 02/04/2022
Field Wattenberg		Formation Name/Type		Deviation deg	Bit Size in	Well MD 1959.0 ft	Well TVD 1959.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 91 degF	BHCT 91 degF	Pore Press. Gradient lb/gal	
Well Master 0065888742		API/UWI 05-123-48917-00-00						
Rig Name HP517	Drilled For Oil & Gas	Service Via Land		Casing/ Liner				
				Depth, ft	Size, in	Weight, lb/ft	Grade	
				1949.0	9625.0	36.0	J-55	
Offshore Zone N/a	Well Class New	Well Type Development		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	
Service Line Cementing	Job Type 9 5/8" Surface							
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	
				ft	ft		Total Interval ft	
				ft	ft		Diameter in	
				ft	ft			
				Treat Down Casing	Displacement 147.3 bbl	Packer Type	Packer Depth ft	
				Tubing Vol. bbl	Casing Vol. 150.6 bbl	Annular Vol. 175.0 bbl	Openhole Vol. 160.0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure 450 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1949.0 ft		Tool Type		
No. Centralizers 17	Top Plugs 1	Bottom Plugs		Stage Tool Type		Tool Depth ft		
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Feb/04/2022 22:30		Arrived on Location Feb/04/2022 21:00		Leave Location Feb/05/2022 04:00		Collar Type Float		
						Tail Pipe Depth ft		
				Collar Depth 1905.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message		
02/05/2022	01:05:19	-63	0.0	-0.00	0	Started Acquisition		
02/05/2022	01:08:39	-63	0.0	-0.00	0			
02/05/2022	01:11:59	-60	5.2	9.37	0			
02/05/2022	01:15:19	78	3.7	8.42	0			
02/05/2022	01:18:39	-10	0.0	8.42	0			
02/05/2022	01:21:30	-6	0.0	8.42	0	Start Job		
02/05/2022	01:21:59	-5	0.0	8.42	0			
02/05/2022	01:23:20	21	0.0	8.42	0	Pump 5 bbl- Fill/ Flush Lines		
02/05/2022	01:25:19	15	0.0	8.41	0			
02/05/2022	01:28:39	19	0.0	8.41	0			
02/05/2022	01:29:07	833	0.0	8.41	0	Pressure Test Lines-1250 psi		
02/05/2022	01:31:59	1336	0.0	8.41	0			
02/05/2022	01:35:19	1535	0.0	8.41	0			
02/05/2022	01:38:39	27	0.5	8.41	0			
02/05/2022	01:38:50	92	2.0	8.41	0	Start Pumping Spacer		
02/05/2022	01:39:30	181	4.2	8.41	0	Pump 30 bbl Fresh Water Spacer		
02/05/2022	01:40:00	179	4.2	8.41	0	Dye in 2nd 10 bbl		
02/05/2022	01:41:13	175	4.2	8.40	0	Good Returns		
02/05/2022	01:41:59	169	4.2	8.40	0			
02/05/2022	01:44:19	182	4.2	8.39	0	End Spacer		
02/05/2022	01:44:34	183	4.2	8.39	0	Reset Total, Vol = 30.54 bbl		

Well			Field	Job Start		Customer	Job Number
Guttersen D10-715 D10-715			Wattenberg	Feb/05/2022		Chevron	EN82-03183
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
02/05/2022	01:48:39	-7	0.0	8.39	0		
02/05/2022	01:51:59	-9	0.0	8.40	9		
02/05/2022	01:52:18	70	2.5	13.47	9	Start Mixing Lead Slurry	
02/05/2022	01:52:20	69	2.4	13.47	9	Pump 162 bbl Lead at 13.5 ppg	
02/05/2022	01:52:59	102	2.2	13.47	9	543 sk, WR=8.88 gal/sk, Y=1.67 ft3/sk	
02/05/2022	01:53:00	114	2.3	13.47	9	Top of Lead= Surface	
02/05/2022	01:53:18	87	2.0	13.47	9	Good Returns	
02/05/2022	01:55:19	294	4.1	13.59	11		
02/05/2022	01:56:19	290	4.2	13.57	15	Lead Sample Tag#-007011	
02/05/2022	01:58:39	286	4.1	13.48	22		
02/05/2022	01:58:42	481	4.6	13.48	22	Scale Lead= 13.5 ppg	
02/05/2022	02:01:59	281	4.2	13.46	28		
02/05/2022	02:05:19	271	4.2	13.47	29		
02/05/2022	02:08:39	509	5.5	13.51	30		
02/05/2022	02:11:59	488	5.5	13.51	29		
02/05/2022	02:15:19	468	5.5	13.53	29		
02/05/2022	02:18:39	475	5.5	13.56	29		
02/05/2022	02:21:59	457	5.5	13.52	28		
02/05/2022	02:23:26	260	4.2	13.47	28	End Lead Slurry	
02/05/2022	02:23:30	258	4.2	13.48	28	Reset Total, Vol = 162.89 bbl	
02/05/2022	02:25:19	58	2.4	13.05	23		
02/05/2022	02:28:39	-45	0.0	13.01	0		
02/05/2022	02:31:59	45	2.2	12.96	54		
02/05/2022	02:32:38	-29	0.2	14.71	52	Start Mixing Tail Slurry	
02/05/2022	02:32:39	-30	0.2	14.71	52	Pump 24 bbl Tail at 14.8 ppg	
02/05/2022	02:32:41	-30	0.2	14.71	52	101 sk, WR=6.37 gal/sk, Y=1.33 ft3/sk	
02/05/2022	02:33:30	86	2.3	14.62	48	Tail Sample Tag#-007023	
02/05/2022	02:34:02	84	2.3	14.64	45	Scale Tail=14.8 ppg	
02/05/2022	02:35:19	309	4.0	14.68	37		
02/05/2022	02:35:34	314	4.1	14.70	35	Good Returns	
02/05/2022	02:38:39	290	4.1	14.36	32		
02/05/2022	02:38:40	277	4.1	14.36	32	End Tail Slurry	
02/05/2022	02:39:32	-38	0.0	14.41	42	Reset Total, Vol = 24.39 bbl	
02/05/2022	02:40:00	-43	0.0	14.41	0	Wash-up	
02/05/2022	02:40:30	-42	0.0	14.39	0	Switch to Rig for Disp. (0.0914 bbl/stk)	
02/05/2022	02:41:00	-43	0.0	14.37	0	Displace w/ 147.6 bbl Mud (1614 stk)	
02/05/2022	02:41:59	-43	0.0	14.34	0		
02/05/2022	02:42:00	-43	0.0	14.34	0	At 126 away, (1386 stk), Cement to Surface	
02/05/2022	02:43:00	-41	0.0	14.34	0	21 bbl Cement Back	
02/05/2022	02:44:00	-40	0.0	14.35	0	Bump Plug-147.6 away (1614 stk)	
02/05/2022	02:45:00	-40	0.0	14.36	0	Conduct 15 min CSG Test	
02/05/2022	02:45:19	-41	0.0	14.37	0		
02/05/2022	02:46:00	-41	0.0	14.37	0	CSG Test Start Pressure=1132 psi	
02/05/2022	02:47:00	-40	0.0	14.38	0	CSG Test End Pressure=1236 psi	
02/05/2022	02:47:30	-41	0.0	14.38	0	Bleed-off, Check Floats	
02/05/2022	02:48:00	-40	0.0	14.39	0	Floats Holding-2 bbl Back	
02/05/2022	02:48:30	-42	0.0	14.40	0	Verify Wash-up, End Job	
02/05/2022	02:48:39	-41	0.0	14.40	0		
02/05/2022	02:51:59	2	2.9	8.41	53		
02/05/2022	02:55:19	-5	2.7	8.48	61		
02/05/2022	02:58:39	11	2.8	8.49	80		
02/05/2022	03:01:59	-54	0.7	8.40	0		
02/05/2022	03:05:19	-57	0.0	8.43	0		
02/05/2022	03:08:39	3	0.0	8.42	0		

Well Guttersen D10-715 D10-715			Field Wattenberg		Job Start Feb/05/2022	Customer Chevron	Job Number EN82-03183
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
02/05/2022	03:15:19	-55	0.0	8.44	0		
02/05/2022	03:18:39	-54	0.6	8.45	0		
02/05/2022	03:21:59	3	2.5	8.40	0		
02/05/2022	03:25:19	3	2.5	8.40	0		
02/05/2022	03:28:39	-3	2.5	8.39	0		
02/05/2022	03:31:59	10	2.5	8.39	0		
02/05/2022	03:35:19	7	2.5	8.38	0		
02/05/2022	03:38:39	9	2.5	8.38	0		
02/05/2022	03:41:59	-55	0.0	8.38	0		
02/05/2022	03:45:19	-56	0.0	8.38	0		
02/05/2022	03:48:39	-57	0.0	8.39	0		
02/05/2022	03:51:59	-58	0.0	8.39	0		
02/05/2022	03:55:19	-50	1.2	8.39	0		
02/05/2022	03:58:39	-60	0.0	8.39	0		
02/05/2022	04:01:59	-58	0.0	8.40	0		
02/05/2022	04:05:19	-48	0.0	7.15	0		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 3.3	N2	Mud	Maximum Rate 13.5	Total Slurry 186.0	Mud 0.0	Spacer 30.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 1596	Final -37	Average 280	Bump Plug to 1100	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 186.0 bbl	Displacement 147.6 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 21.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Jim Turner			Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					