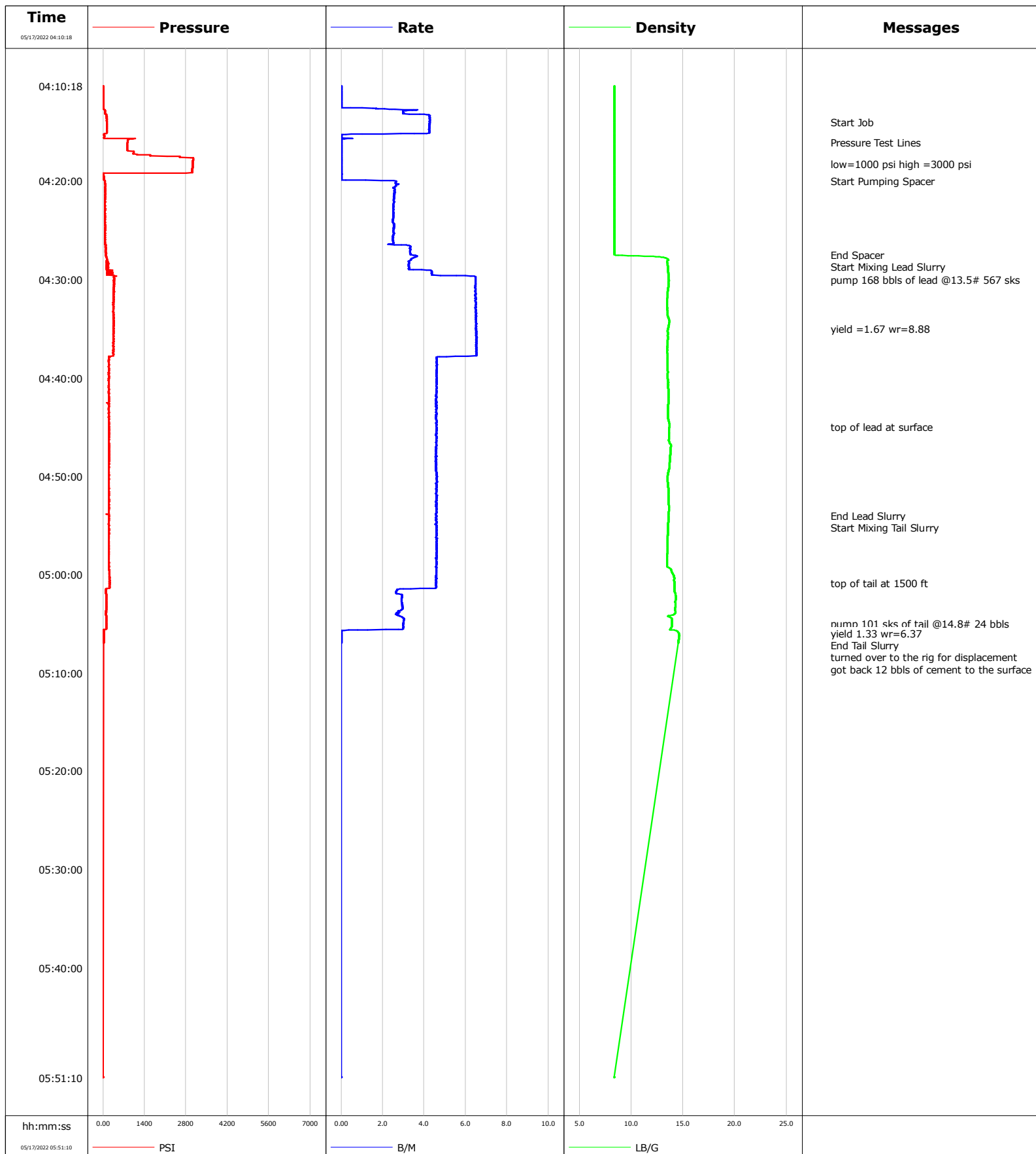


Well	GUTTERSEN CC32-785	Client	Chevron
Field	dj	SIR No.	
Engineer	Norm Haslauer	Job Type	Surface
Country	United States	Job Date	05-16-2022



Cementing Service Report

				Customer Chevron				Job Number							
Well GUTTERSEN CC32-785			Location (legal)			Schlumberger Location			Job Start May/16/2022						
Field dj		Formation Name/Type			Deviation deg		Bit Size in		Well MD 1963.0 ft		Well TVD 1963.0 ft				
County Weld		State/Province Colorado			BHP psi		BHST 114 degF		BHCT 90 degF		Pore Press. Gradient lb/gal				
Well Master		API/UWI													
Rig Name HP 517		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		110.00		16.0		36.94					
						1953.0		9.6		36.0					
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 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		Total Interval	
Service Instructions Provide products and services for offline cementing 9 5/8" surface casing. Schlumberger services include all engineering support necessary to ensure quality service delivery. Pump 168 bbls of lead @ 13.5# 567 sks, yield=1.67 wr=8.88 Pump 24 bbls of tail @ 14.8# 101 sks, yield=1.33 wr=6.37						ft		ft						ft	
						ft		ft						Diameter	
						ft		ft						in	
		Treat Down Casing		Displacement 147.5 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 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 1952.0 ft			Tool Type						
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft						
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in						
Job Scheduled For May/16/2022		Arrived on Location May/16/2022		Leave Location May/16/2022		Collar Type Float			Tail Pipe Depth ft						
						Collar Depth 11908.0 ft			Sqz. Total Vol. bbl						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
05/17/2022	04:10:18	3	0.0	8.39	0.0	Started Acquisition									
05/17/2022	04:11:57	1	0.0	8.39	0.0										
05/17/2022	04:13:36	117	4.3	8.38	3.5										
05/17/2022	04:14:00	125	4.3	8.38	5.2	Start Job									
05/17/2022	04:15:15	29	0.1	8.39	10.3										
05/17/2022	04:16:00	825	0.0	8.38	10.3	Pressure Test Lines									
05/17/2022	04:16:54	847	0.0	8.38	10.3										
05/17/2022	04:18:14	3023	0.0	8.39	10.3	low=1000 psi high =3000 psi									
05/17/2022	04:18:33	3018	0.0	8.39	10.3										
05/17/2022	04:20:00	66	2.7	8.38	10.5	Start Pumping Spacer									
05/17/2022	04:20:12	68	2.6	8.38	11.1										
05/17/2022	04:21:51	69	2.5	8.38	15.3										
05/17/2022	04:23:30	68	2.5	8.38	19.5										
05/17/2022	04:25:09	67	2.5	8.38	23.6										
05/17/2022	04:26:48	94	3.3	8.38	28.0										
05/17/2022	04:27:28	85	3.3	8.38	30.2	End Spacer									
05/17/2022	04:27:48	120	3.5	13.33	31.4	Start Mixing Lead Slurry									
05/17/2022	04:28:27	132	3.2	13.49	33.6										
05/17/2022	04:30:00	363	6.5	13.61	40.5	pump 168 bbls of lead @13.5# 567 sks									
05/17/2022	04:30:06	375	6.5	13.61	41.2										
05/17/2022	04:31:45	342	6.5	13.48	51.9										

Well			Field		Job Start		Customer		Job Number	
GUTTERSEN CC32-785			dj		May/16/2022		Chevron			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/17/2022	04:35:00	350	6.5	13.55	73.0	yield =1.67 wr=8.88				
05/17/2022	04:35:03	361	6.5	13.53	73.3					
05/17/2022	04:36:42	345	6.5	13.48	84.0					
05/17/2022	04:38:21	181	4.6	13.51	93.8					
05/17/2022	04:40:00	205	4.6	13.50	101.3					
05/17/2022	04:41:39	192	4.6	13.60	108.9					
05/17/2022	04:43:18	207	4.6	13.55	116.5					
05/17/2022	04:44:57	205	4.6	13.69	124.0					
05/17/2022	04:45:00	211	4.6	13.68	124.3	top of lead at surface				
05/17/2022	04:46:36	213	4.6	13.70	131.6					
05/17/2022	04:48:15	207	4.6	13.74	139.2					
05/17/2022	04:49:54	202	4.6	13.52	146.7					
05/17/2022	04:51:33	216	4.6	13.60	154.3					
05/17/2022	04:53:12	198	4.6	13.62	161.9					
05/17/2022	04:54:00	205	4.6	13.60	165.5	End Lead Slurry				
05/17/2022	04:54:49	192	4.6	13.56	169.3	Start Mixing Tail Slurry				
05/17/2022	04:54:51	214	4.6	13.56	169.4					
05/17/2022	04:56:30	193	4.6	13.51	177.0					
05/17/2022	04:58:09	201	4.6	13.45	184.6					
05/17/2022	04:59:48	205	4.6	13.94	192.2					
05/17/2022	05:00:53	226	4.6	14.17	197.1	top of tail at 1500 ft				
05/17/2022	05:01:27	102	3.4	14.15	199.7					
05/17/2022	05:03:06	110	2.9	14.24	204.4					
05/17/2022	05:04:45	108	3.0	13.94	209.2					
05/17/2022	05:05:00	109	3.0	13.93	209.9	pump 101 sks of tail @14.8# 24 bbls				
05/17/2022	05:06:00	23	0.0	14.59	211.7	yield 1.33 wr=6.37				
05/17/2022	05:06:10	23	0.0	14.62	211.7	turned over to the rig for displacement				
05/17/2022	05:06:11	22	0.0	14.62	211.7	got back 12 bbls of cement to the surface				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.3	N2	Mud	Maximum Rate 0.0		Total Slurry 192.0	Mud 0.0	Spacer 30.2	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5	Final 2	Average 284	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 192.0 bbl	Displacement 0.0 bbl	Mix Water Temp 68 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 12.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative			Schlumberger Supervisor Norm Haslauer			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					