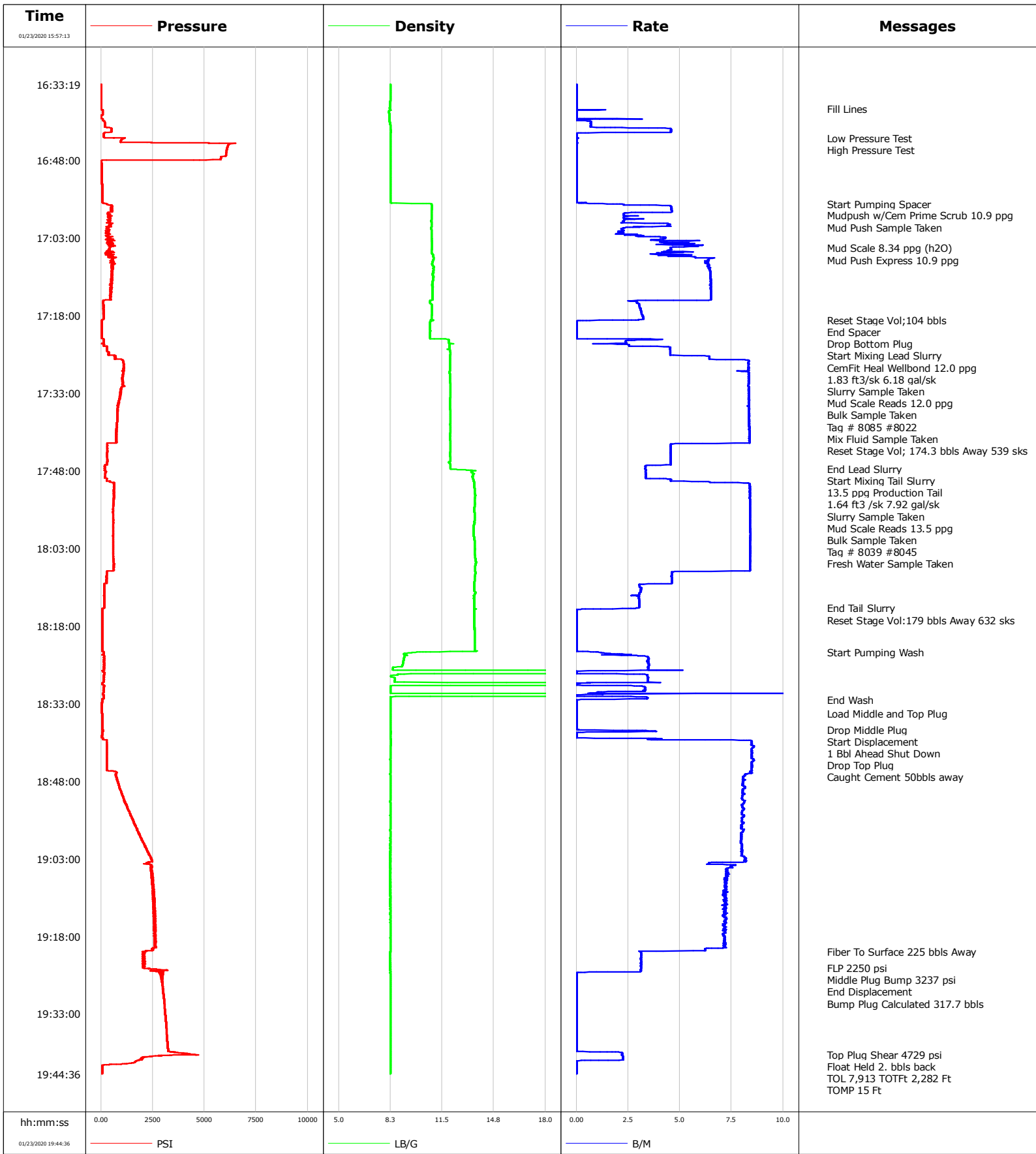


<b>Well</b>	Windsock 21-5HZ	<b>Client</b>	Anadarko
<b>Field</b>	Wattenburg	<b>SIR No.</b>	3113824
<b>Engineer</b>	Jermarco Arrington/ Sheldon Bell	<b>Job Type</b>	Cem Prod Casing
<b>Country</b>	United States	<b>Job Date</b>	



				Customer			Job Number			
				Anadarko			3113824			
Well		Location (legal)			Schlumberger Location			Job Start		
Windssock 21-5HZ		Erie						Jan/23/2020		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
Wattenburg					deg	7.9 in	13.0 ft		ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	230 degF	230 degF	lb/gal		
Well Master		API/UWI								
0065959413		05-123-50633-00-00								
Rig Name	Drilled For		Service Via		Casing/Liner					
P-461	Oil		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		1895.0	9.6	36.0	P110	8RD	
	New		Other		13685.0	5.5	17.0	J55	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Oil Mud		9.40 lb/gal	63.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type				Perforations/Open Hole					
Cementing	Cem Prod Casing				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Treat Down	Displacement	Packer Type	Packer Depth		
psi	psi				Casing	317.7 bbl		ft		
					Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.		
					bbl	317.8 bbl	455.0 bbl	365.0 bbl		
Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement					Casing Tools		Squeeze Job		
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
Lift Pressure					Shoe Type	Shoe Depth	Squeeze Type			
psi					Float	13705.0 ft				
Pipe Rotated	Pipe Reciprocated					Stage Tool Type	Tool Depth			
<input type="checkbox"/>	<input type="checkbox"/>						ft			
No. Centralizers	Top Plugs	Bottom Plugs						Stage Tool Depth	Tail Pipe Size	
								ft	in	
Cement Head Type	Single				Collar Type	Collar Depth	Tail Pipe Depth			
					Float	13687.0 ft	ft			
Job Scheduled For	Arrived on Location		Leave Location		Casing Tools	Squeeze Job				
Jan/23/2020 13:00	Jan/23/2020 13:00		Jan/23/2020 20:20							
Date	Time 24-hr clock	Rate B/M	Density LB/G	Pressure PSI	Message					
01/23/2020	15:57:13	0.0	8.24	17	Started Acquisition					
01/23/2020	16:38:00	0.0	8.23	18	Fill Lines					
01/23/2020	16:43:40	0.0	8.26	656	Low Pressure Test					
01/23/2020	16:44:46	0.0	8.25	6526	High Pressure Test					
01/23/2020	16:56:20	0.6	9.58	153	Start Pumping Spacer					
01/23/2020	16:58:00	4.6	10.84	459	Mudpush w/Cem Prime Scrub 10.9 ppg					
01/23/2020	16:59:00	2.3	10.83	358	Mud Push Sample Taken					
01/23/2020	17:05:00	4.6	10.85	416	Mud Scale 8.34 ppg (h20)					
01/23/2020	17:06:42	5.7	10.94	617	Mud Push Express 10.9 ppg					
01/23/2020	17:18:53	2.7	10.82	46	Reset Stage Vol;104 bbbs					
01/23/2020	17:19:00	0.2	10.88	47	End Spacer					
01/23/2020	17:19:53	0.0	10.73	38	Drop Bottom Plug					
01/23/2020	17:22:34	3.6	11.75	118	Start Mixing Lead Slurry					
01/23/2020	17:23:00	2.4	11.91	124	CemFit Heal Wellbond 12.0 ppg					
01/23/2020	17:23:30	1.3	12.01	139	1.83 ft3/sk 6.18 gal/sk					
01/23/2020	17:30:00	8.3	11.97	1042	Slurry Sample Taken					
01/23/2020	17:34:00	8.3	11.99	895	Mud Scale Reads 12.0 ppg					
01/23/2020	17:36:00	8.3	11.99	809	Bulk Sample Taken					
01/23/2020	17:36:10	8.3	12.00	809	Tag # 8085 #8022					
01/23/2020	17:40:00	8.4	12.01	750	Mix Fluid Sample Taken					
01/23/2020	17:42:18	8.4	12.01	754	Reset Stage Vol; 174.3 bbbs Away 539 sks					

Well		Field		Job Start		Customer		Job Number	
Windsock 21-5HZ		Wattenburg		Jan/23/2020		Anadarko		3113824	
Date	Time 24-hr clock	Rate B/M	Density LB/G	Pressure PSI	Message				
01/23/2020	17:48:10	3.3	13.36	253	Start Mixing Tail Slurry				
01/23/2020	17:49:00	3.4	13.44	218	13.5 ppg Production Tail				
01/23/2020	17:49:30	3.4	13.43	273	1.64 ft3 /sk 7.92 gal/sk				
01/23/2020	17:50:00	4.6	13.48	289	Slurry Sample Taken				
01/23/2020	17:54:00	8.4	13.55	633	Mud Scale Reads 13.5 ppg				
01/23/2020	17:59:00	8.4	13.48	593	Bulk Sample Taken				
01/23/2020	18:00:00	8.4	13.47	589	Tag # 8039 #8045				
01/23/2020	18:01:00	8.4	13.51	583	Fresh Water Sample Taken				
01/23/2020	18:14:35	2.9	13.52	139	End Tail Slurry				
01/23/2020	18:14:59	0.0	13.51	63	Reset Stage Vol:179 bbls Away 632 sks				
01/23/2020	18:23:03	1.0	10.30	122	Start Pumping Wash				
01/23/2020	18:32:18	0.0	8.25	50	End Wash				
01/23/2020	18:35:00	0.0	8.25	54	Load Middle and Top Plug				
01/23/2020	18:38:00	0.0	8.24	52	Drop Middle Plug				
01/23/2020	18:38:18	3.7	8.26	100	Start Displacement				
01/23/2020	18:38:34	0.2	8.27	51	1 Bbl Ahead Shut Down				
01/23/2020	18:39:03	0.0	8.26	48	Drop Top Plug				
01/23/2020	18:46:03	8.4	8.24	552	Caught Cement 50bbls away				
01/23/2020	19:21:00	3.1	8.23	2061	Fiber To Surface 225 bbls Away				
01/23/2020	19:24:10	3.1	8.23	2057	FLP 2250 psi				
01/23/2020	19:24:32	3.1	8.23	3184	Middle Plug Bump 3237 psi				
01/23/2020	19:25:01	0.0	8.23	3026	End Displacement				
01/23/2020	19:26:00	0.0	8.24	2979	Bump Plug Calculated 317.7 bbls				
01/23/2020	19:40:56	2.2	8.24	4729	Top Plug Shear 4729 psi				
01/23/2020	19:43:09	0.0	8.24	51	Float Held 2. bbls back				
01/23/2020	19:44:32	0.0	8.25	52	TOL 7,913 TOTFt 2,282 Ft				

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.0			10.6	353.0	0.0	104.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
6526	52	874	3237			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	360.0 bbl		317.7 bbl	71 degF	<input type="checkbox"/>	bbl	
					Washed Thru Perfs	To	
					<input type="checkbox"/>	ft	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	Job Completed	
Terry Hackford/ Steve Wilson			Jermarco Arrington/ Sheldon Bell		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
					-	-	