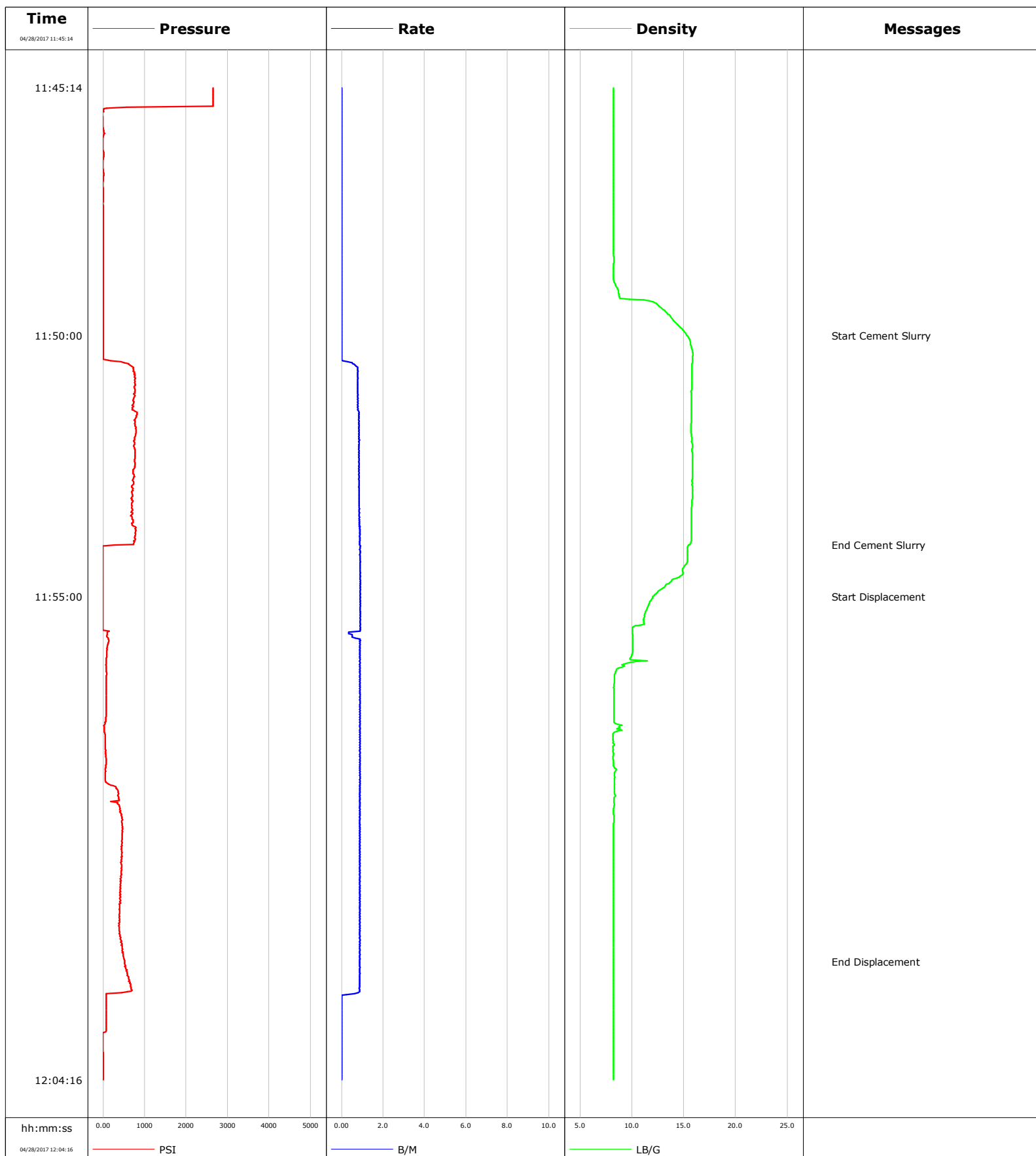


Well HSR Sekich 6-19
Field SJ
Engineer Scot Thornton
Country United States

Client Anadarko
SIR No. da6t-00986
Job Type Nio
Job Date 04-28-2017



Cementing Service Report

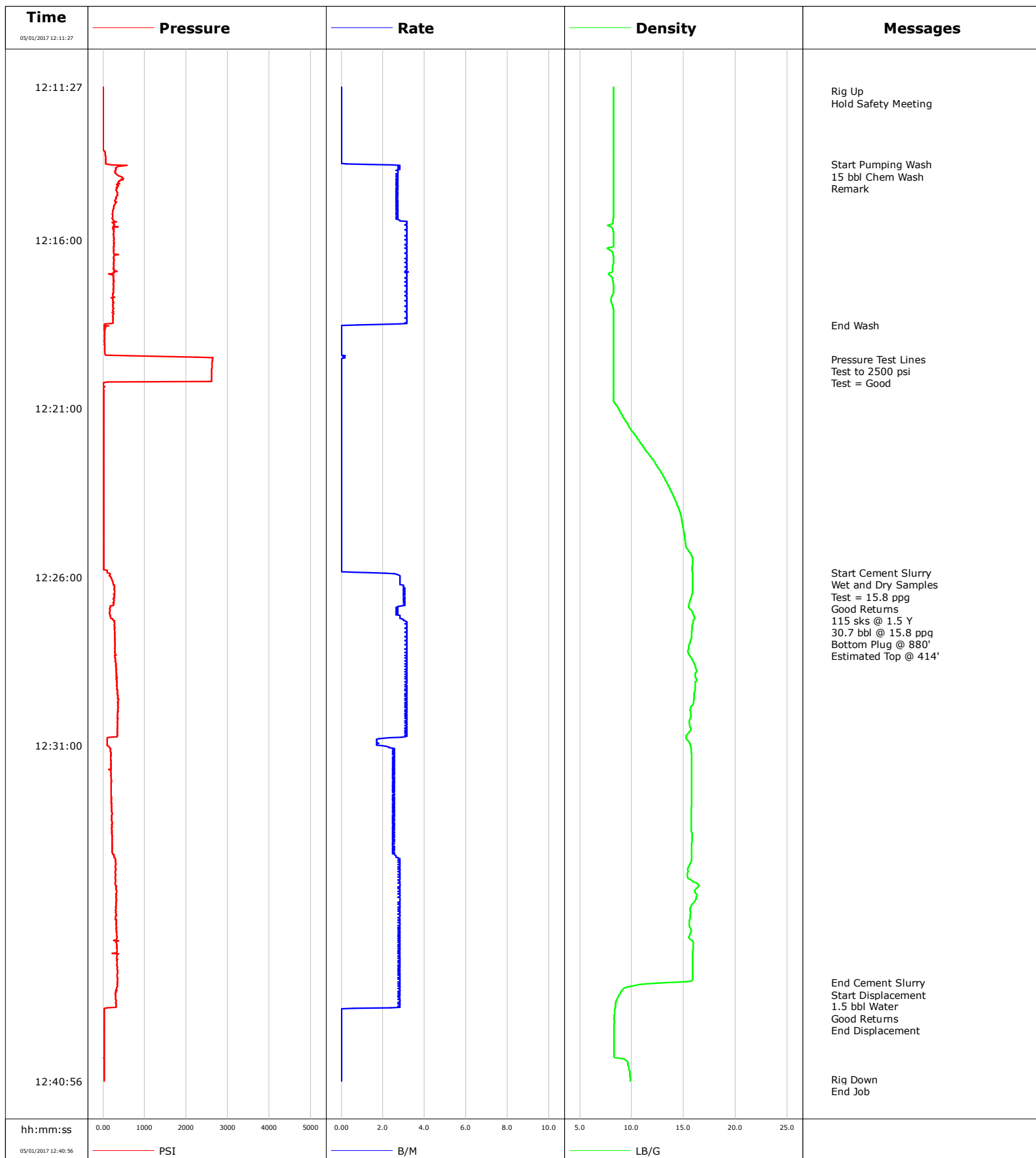
				Customer Anadarko				Job Number da6t-00986			
Well HSR Sekich 6-19			Location (legal)			Schlumberger Location			Job Start Apr/28/2017		
Field SJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD ft		Well TVD ft	
County		State/Province Colorado		BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal	
Well Master		API/UWI									
Rig Name		Drilled For N/A		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Workover							
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 Nio				T		6880.0		2.4	
										4.7	
										0.0	
										0.0	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Tubing		Displacement 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		Bottom Plugs		Stage Tool Type				Tool Depth ft	
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Apr/28/2017 11:30		Arrived on Location Apr/28/2017 11:30		Leave Location Apr/28/2017		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	Message					
04/28/2017	11:45:14	2654	0.0	8.22	0.0	Started Acquisition					
04/28/2017	11:49:24	4	0.0	12.43	0.0						
04/28/2017	11:50:00	4	0.0	15.33	0.0	Start Cement Slurry					
04/28/2017	11:53:34	718	0.9	15.74	2.5						
04/28/2017	11:54:00	741	0.9	15.62	2.9	End Cement Slurry					
04/28/2017	11:55:00	-1	0.9	12.02	2.9	Start Displacement					
04/28/2017	11:57:44	59	0.9	8.19	3.7						
04/28/2017	12:01:54	489	0.9	8.22	7.4						
04/28/2017	12:02:00	521	0.9	8.22	7.5	End Displacement					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 0.9	N2	Mud	Maximum Rate 0.9	Total Slurry 10.9	Mud 0.0	Spacer 5.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 2654	Final 4	Average 358	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl	Displacement 21.9 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
					Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Jay Chandler			Schlumberger Supervisor Scot Thornton			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
						-		-	

Well HSR Sekich 6-19
Field DJ
Engineer Matt Leiker
Country United States

Client Anadarko
SIR No. DA6T-00988
Job Type Plug
Job Date 05-01-2017



Cementing Service Report

				Customer Anadarko		Job Number DA6T-00988	
Well HSR Sekich 6-19		Location (legal)		Schlumberger Location		Job Start May/01/2017	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD ft	Well TVD ft
County Weld		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal
Well Master 0631715623		API/UWI 0512319162					
Rig Name Ensign 316	Drilled For Oil	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class Old	Well Type Workover					
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 Plug			T	880.0	2.4	4.7
					0.0	0.0	0.0
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection 2 3/8" 4.7# T/S	Perforations/Open Hole				
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
			ft	ft			
			ft	ft			Diameter in
			ft	ft			
			Treat Down Tubing	Displacement 1.5 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 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	Bottom Plugs	Stage Tool Type		Tool Depth ft		
Cement Head Type			Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For May/01/2017	Arrived on Location May/01/2017	Leave Location May/01/2017	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 PSI	Message	
05/01/2017	12:11:27	5	0.0	8.25	0	Started Acquisition	
05/01/2017	12:11:35	5	0.0	8.25	0	Rig Up	
05/01/2017	12:13:27	55	0.0	8.27	0		
05/01/2017	12:13:46	142	1.3	8.28	0	Start Pumping Wash	
05/01/2017	12:13:50	343	2.8	8.28	0	15 bbl Chem Wash	
05/01/2017	12:15:27	270	3.2	8.22	0		
05/01/2017	12:17:27	247	3.2	8.25	0		
05/01/2017	12:18:32	27	0.0	8.25	0	End Wash	
05/01/2017	12:19:27	1131	0.2	8.25	0		
05/01/2017	12:19:32	2637	0.0	8.25	0	Pressure Test Lines	
05/01/2017	12:19:36	2632	0.0	8.25	0	Test to 2500 psi	
05/01/2017	12:21:27	14	0.0	9.61	0		
05/01/2017	12:23:27	14	0.0	13.80	0		
05/01/2017	12:25:27	14	0.0	15.86	0		
05/01/2017	12:25:52	101	1.4	15.86	0	Start Cement Slurry	
05/01/2017	12:25:59	183	2.8	15.86	0	Wet and Dry Samples	
05/01/2017	12:26:00	188	2.8	15.86	0	Test = 15.8 ppg	
05/01/2017	12:26:01	192	2.8	15.86	0	Good Returns	
05/01/2017	12:26:02	201	2.8	15.86	0	30.7 bbl @ 15.8 ppg	
05/01/2017	12:26:03	206	2.8	15.86	0	Estimated Top @ 414'	
05/01/2017	12:27:27	279	3.2	15.84	0		

Well			Field		Job Start	Customer		Job Number	
HSR Sekich 6-19			DJ		May/01/2017	Anadarko		DA6T-00988	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume PSI	Message			
05/01/2017	12:31:27	183	2.5	15.78	0				
05/01/2017	12:33:27	211	2.6	15.72	0				
05/01/2017	12:35:27	320	2.8	16.29	0				
05/01/2017	12:37:27	334	2.8	15.88	0				
05/01/2017	12:38:01	348	2.8	13.56	0	End Cement Slurry			
05/01/2017	12:38:03	352	2.8	11.88	0	Start Displacement			
05/01/2017	12:38:04	339	2.7	11.22	0	1.5 bbl Water			
05/01/2017	12:38:05	334	2.8	10.72	0	Good Returns			
05/01/2017	12:38:49	27	0.0	8.38	0	End Displacement			
05/01/2017	12:39:27	32	0.0	8.33	0				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 2.8	N2	Mud	Maximum Rate 3.2	Total Slurry 50.3	Mud 0.0	Spacer 0.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 2650	Final 27	Average 241	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal		
Avg. N2 Percent %	Designed Slurry Volume 30.7 bbl	Displacement 2.0 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface?		Volume bbl			
				Washed Thru Perfs		To ft			
Customer or Authorized Representative			Schlumberger Supervisor Matt Leiker			Circulation Lost	Job Completed		
						-	-		