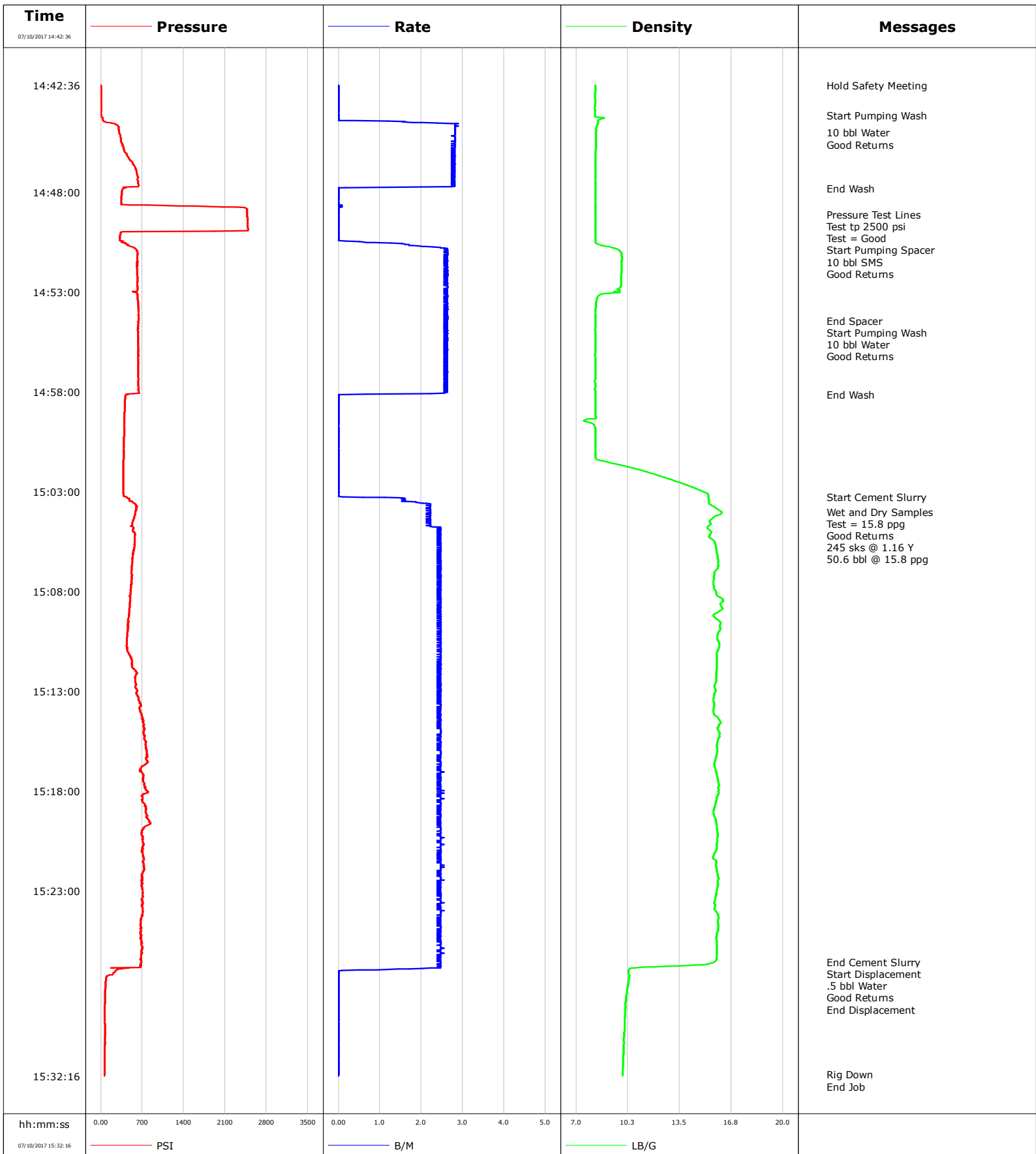


Well	Heit Antone C Unit 2	Client	Anadarko
Field	DJ	SIR No.	DA6T-01282
Engineer	Matt Leiker	Job Type	Plug
Country	United States	Job Date	07-10-2017



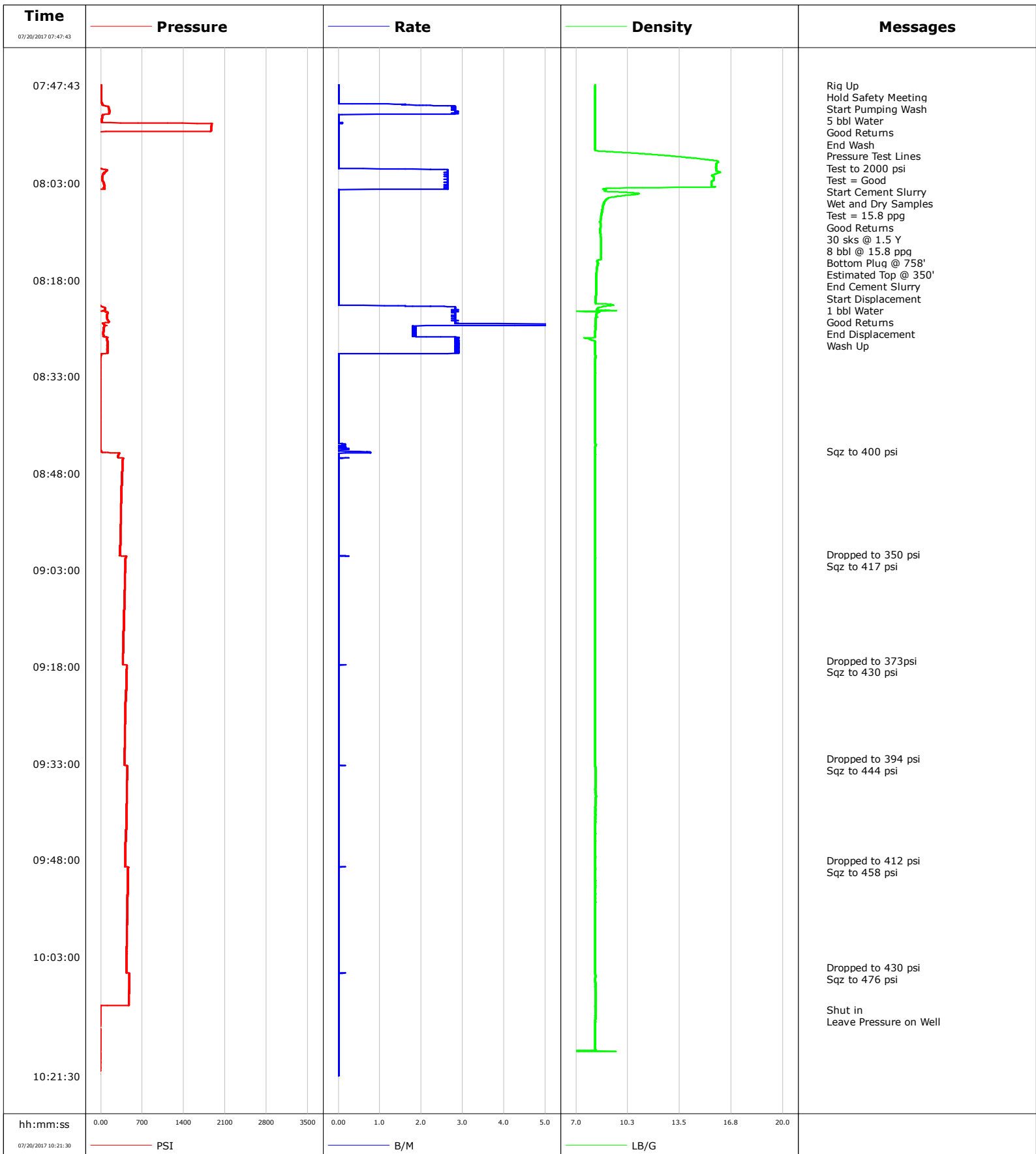
				Customer			Job Number		
				Anadarko			DA6T-01282		
Well		Location (legal)			Schlumberger Location			Job Start	
Heit Antone C Unit 2								Jul/10/2017	
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD
DJ					deg	in		ft	ft
County		State/Province			BHP	BHST		BHCT	Pore Press. Gradient
Weld		Colorado			psi	degF		degF	lb/gal
Well Master		API/UWI							
0631725608									
Rig Name	Drilled For		Service Via		Casing/Liner				
Basic 1549	Oil		Land						
Offshore Zone	Well Class		Well Type		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
	Old		Workover						
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe				
		lb/gal	cP						
Service Line	Job Type		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Cementing	Plug		T	760.0	2.4	4.7	J55	8RD	
				0.0	0.0	0.0			
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole				
psi	psi		2 3/8" 4.7# T/S						
Service Instructions					Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
Rate and Density Checked Pump 10 bbl Water 10 bbl Cement 10 bbl Water 245 sks @ 1.16 Y @ 50.6 bbl @ 15.8 ppg Displace 4.4 bbl Water					ft	ft			ft
					ft	ft			Diameter
					ft	ft			in
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools		Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
Lift Pressure		Shoe Type	Squeeze Type						
psi									
Pipe Rotated		Pipe Reciprocated	Shoe Depth		ft	Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>							
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		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Jul/10/2017		Jul/10/2017		Jul/10/2017				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			
07/10/2017	14:42:36	0	0.0	8.21	0	Started Acquisition			
07/10/2017	14:42:37	0	0.0	8.21	0	Hold Safety Meeting			
07/10/2017	14:44:09	0	0.0	8.19	0	Start Pumping Wash			
07/10/2017	14:44:36	266	2.8	8.35	0				
07/10/2017	14:45:00	311	2.8	8.26	0	10 bbl Water			
07/10/2017	14:46:36	549	2.7	8.23	0				
07/10/2017	14:47:47	394	0.0	8.22	0	End Wash			
07/10/2017	14:48:36	348	0.0	8.23	0				
07/10/2017	14:49:06	2472	0.0	8.23	0	Pressure Test Lines			
07/10/2017	14:49:08	2472	0.0	8.23	0	Test tp 2500 psi			
07/10/2017	14:50:18	320	0.0	8.22	0	Start Pumping Spacer			
07/10/2017	14:50:36	435	1.6	8.42	0				
07/10/2017	14:51:00	618	2.6	9.82	0	10 bbl SMS			
07/10/2017	14:52:36	623	2.6	9.83	0				
07/10/2017	14:54:25	636	2.6	8.23	0	End Spacer			
07/10/2017	14:54:26	636	2.6	8.23	0	Start Pumping Wash			
07/10/2017	14:54:36	636	2.6	8.22	0				
07/10/2017	14:55:00	627	2.6	8.22	0	10 bbl Water			
07/10/2017	14:56:36	636	2.6	8.22	0				
07/10/2017	14:58:08	449	0.0	8.22	0	End Wash			
07/10/2017	14:58:36	407	0.0	8.22	0				

Well		Field		Job Start		Customer		Job Number	
Heit Antone C Unit 2		DJ		Jul/10/2017		Anadarko		DA6T-01282	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume PSI	Message			
07/10/2017	15:02:36	380	0.0	13.75	0				
07/10/2017	15:03:15	439	0.1	15.31	0	Start Cement Slurry			
07/10/2017	15:04:00	581	2.2	16.16	0	Wet and Dry Samples			
07/10/2017	15:04:36	531	2.2	15.47	0				
07/10/2017	15:05:00	549	2.5	15.51	0	245 sks @ 1.16 Y			
07/10/2017	15:08:36	499	2.5	16.07	0				
07/10/2017	15:10:36	435	2.5	16.00	0				
07/10/2017	15:12:36	595	2.5	15.76	0				
07/10/2017	15:14:36	732	2.4	16.07	0				
07/10/2017	15:16:36	787	2.5	15.69	0				
07/10/2017	15:18:36	732	2.5	15.76	0				
07/10/2017	15:20:36	719	2.5	15.85	0				
07/10/2017	15:22:36	700	2.5	15.91	0				
07/10/2017	15:24:36	673	2.4	15.91	0				
07/10/2017	15:26:34	687	2.5	15.68	0	End Cement Slurry			
07/10/2017	15:26:35	687	2.5	15.63	0	Start Displacement			
07/10/2017	15:26:36	682	2.5	15.57	0	.5 bbl Water			
07/10/2017	15:26:53	380	2.0	10.42	0	End Displacement			
07/10/2017	15:28:36	69	0.0	10.13	0				
07/10/2017	15:30:36	69	0.0	10.01	0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.5			2.9	50.6	0.0	30.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2486	64	568				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
%	50.6 bbl	0.5 bbl	63 degF	<input type="checkbox"/>	bbl		
				Washed Thru Perfs	To		
				<input type="checkbox"/>	ft		
Customer or Authorized Representative			Schlumberger Supervisor	Circulation Lost	Job Completed		
			Matt Leiker	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
				-	-		

Well	Heit C Unit 2	Client	Anadarko
Field	DJ	SIR No.	CRPB-00075
Engineer	Matt Leiker	Job Type	Plug
Country	United States	Job Date	07-20-2017



				Customer			Job Number			
				Anadarko			CRPB-00075			
Well		Location (legal)			Schlumberger Location			Job Start		
Heit C Unit 2								Jul/20/2017		
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD	
DJ					deg	in		ft	ft	
County		State/Province			BHP	BHST		BHCT	Pore Press. Gradient	
Weld		Colorado			psi	degF		degF	lb/gal	
Well Master		API/UWI								
0631725608										
Rig Name		Drilled For		Service Via	Casing/Liner					
Basic 1524		Oil		Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone		Well Class		Well Type						
		Old		Workover						
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
		lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
					T	758.0	2.4	4.7	J55	8RD
						0.0	0.0	0.0		
Service Line		Job Type			Perforations/Open Hole					
Cementing		Plug			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		2 3/8" 4.7# T/S	Tubing	1.0 bbl			ft	
Service Instructions		Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.					
Rate and Density Checked Pump 5 bbl Water 8 bbl Cement 30 sks Yield=1.5 Displace 1 bbl Water Bottom Plug @ 758' Estimated Top @ 370'		bbl	bbl	bbl	bbl					
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth			Squeeze Type		
psi					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		Job Scheduled For			Arrived on Location			Leave Location		
		Jul/20/2017			Jul/20/2017			Jul/20/2017		
Date		Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume PSI	Message			
07/20/2017		07:47:43	0	0.0	8.20	0	Started Acquisition			
07/20/2017		07:47:47	0	0.0	8.20	0	Rig Up			
07/20/2017		07:49:43	5	0.0	8.18	0				
07/20/2017		07:50:23	0	0.0	8.19	0	Start Pumping Wash			
07/20/2017		07:51:00	87	2.8	8.19	0	5 bbl Water			
07/20/2017		07:51:43	142	2.8	8.19	0				
07/20/2017		07:52:22	32	0.0	8.20	0	End Wash			
07/20/2017		07:53:43	1863	0.1	8.20	0				
07/20/2017		07:54:14	1863	0.0	8.20	0	Pressure Test Lines			
07/20/2017		07:54:16	1863	0.0	8.20	0	Test to 2000 psi			
07/20/2017		07:55:43	-55	0.0	8.19	0				
07/20/2017		07:57:43	-60	0.0	8.20	0				
07/20/2017		07:59:43	-64	0.0	15.91	0				
07/20/2017		08:00:32	-60	0.0	15.78	0	Start Cement Slurry			
07/20/2017		08:01:00	101	2.6	15.80	0	Wet and Dry Samples			
07/20/2017		08:01:43	32	2.6	15.59	0				
07/20/2017		08:02:00	23	2.6	15.62	0	30 sks @ 1.5 Y			
07/20/2017		08:03:32	50	2.6	15.76	0	End Cement Slurry			
07/20/2017		08:03:43	64	2.6	10.19	0				
07/20/2017		08:03:50	64	2.6	8.74	0	1 bbl Water			
07/20/2017		08:03:59	-27	0.0	8.85	0	End Displacement			

Well			Field		Job Start	Customer		Job Number
Heit C Unit 2			DJ		Jul/20/2017	Anadarko		CRPB-00075
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume PSI	Message		
07/20/2017	08:09:43	-50	0.0	8.53	0			
07/20/2017	08:11:43	-50	0.0	8.55	0			
07/20/2017	08:13:43	-46	0.0	8.57	0			
07/20/2017	08:15:43	-50	0.0	8.35	0			
07/20/2017	08:17:43	-50	0.0	8.25	0			
07/20/2017	08:19:43	-50	0.0	8.25	0			
07/20/2017	08:21:43	-41	0.0	8.64	0			
07/20/2017	08:21:57	-14	0.1	9.30	0	Wash Up		
07/20/2017	08:23:43	96	2.8	8.27	0			
07/20/2017	08:25:43	46	1.8	8.21	0			
07/20/2017	08:27:43	110	2.9	8.20	0			
07/20/2017	08:29:43	-5	0.0	8.21	0			
07/20/2017	08:31:43	-9	0.0	8.20	0			
07/20/2017	08:33:43	-14	0.0	8.20	0			
07/20/2017	08:35:43	-9	0.0	8.20	0			
07/20/2017	08:37:43	-14	0.0	8.20	0			
07/20/2017	08:39:43	-14	0.0	8.20	0			
07/20/2017	08:41:43	-14	0.0	8.20	0			
07/20/2017	08:43:43	-14	0.0	8.22	0			
07/20/2017	08:44:33	0	0.0	8.20	0	Sqz to 400 psi		
07/20/2017	08:45:43	371	0.0	8.20	0			
07/20/2017	08:47:43	362	0.0	8.20	0			
07/20/2017	08:49:43	352	0.0	8.20	0			
07/20/2017	08:51:43	343	0.0	8.20	0			
07/20/2017	08:53:43	339	0.0	8.20	0			
07/20/2017	08:55:43	334	0.0	8.20	0			
07/20/2017	08:57:43	325	0.0	8.20	0			
07/20/2017	08:59:43	320	0.0	8.20	0			
07/20/2017	09:00:35	320	0.0	8.20	0	Dropped to 350 psi		
07/20/2017	09:00:58	421	0.0	8.20	0	Sqz to 417 psi		
07/20/2017	09:01:43	417	0.0	8.20	0			
07/20/2017	09:03:43	407	0.0	8.20	0			
07/20/2017	09:05:43	403	0.0	8.20	0			
07/20/2017	09:07:43	394	0.0	8.20	0			
07/20/2017	09:09:43	389	0.0	8.20	0			
07/20/2017	09:11:43	385	0.0	8.20	0			
07/20/2017	09:13:43	380	0.0	8.20	0			
07/20/2017	09:15:43	375	0.0	8.20	0			
07/20/2017	09:17:03	371	0.0	8.20	0	Dropped to 373psi		
07/20/2017	09:17:43	398	0.2	8.20	0			
07/20/2017	09:17:51	435	0.0	8.20	0	Sqz to 430 psi		
07/20/2017	09:19:43	430	0.0	8.20	0			
07/20/2017	09:21:43	421	0.0	8.20	0			
07/20/2017	09:23:43	417	0.0	8.20	0			
07/20/2017	09:25:43	412	0.0	8.20	0			
07/20/2017	09:27:43	407	0.0	8.20	0			
07/20/2017	09:29:43	403	0.0	8.20	0			
07/20/2017	09:31:43	398	0.0	8.20	0			
07/20/2017	09:32:18	398	0.0	8.20	0	Dropped to 394 psi		
07/20/2017	09:33:30	449	0.0	8.20	0	Sqz to 444 psi		
07/20/2017	09:33:43	449	0.0	8.21	0			
07/20/2017	09:35:43	439	0.0	8.21	0			
07/20/2017	09:37:43	435	0.0	8.21	0			
07/20/2017	09:41:43	426	0.0	8.20	0			

Well		Field		Job Start		Customer		Job Number	
Heit C Unit 2		DJ		Jul/20/2017		Anadarko		CRPB-00075	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume PSI	Message			
07/20/2017	09:45:43	417	0.0	8.20	0				
07/20/2017	09:47:43	412	0.0	8.20	0				
07/20/2017	09:48:04	412	0.0	8.20	0	Dropped to 412 psi			
07/20/2017	09:49:21	458	0.0	8.20	0	Sqz to 458 psi			
07/20/2017	09:49:43	458	0.0	8.20	0				
07/20/2017	09:51:43	458	0.0	8.20	0				
07/20/2017	09:53:43	449	0.0	8.20	0				
07/20/2017	09:55:43	449	0.0	8.20	0				
07/20/2017	09:57:43	444	0.0	8.20	0				
07/20/2017	09:59:43	439	0.0	8.20	0				
07/20/2017	10:01:43	435	0.0	8.20	0				
07/20/2017	10:03:43	430	0.0	8.20	0				
07/20/2017	10:04:35	426	0.0	8.20	0	Dropped to 430 psi			
07/20/2017	10:05:43	476	0.0	8.20	0				
07/20/2017	10:05:50	476	0.0	8.20	0	Sqz to 476 psi			
07/20/2017	10:07:43	476	0.0	8.20	0				
07/20/2017	10:09:43	471	0.0	8.21	0				
07/20/2017	10:11:12	-9	0.0	8.22	0	Shut in			
07/20/2017	10:11:14	-9	0.0	8.22	0	Leave Pressure on Well			
07/20/2017	10:11:43	-14	0.0	8.21	0				
07/20/2017	10:13:43	-18	0.0	8.20	0				
07/20/2017	10:17:43	-18	0.0	6.25	0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.4			5.9	8.0	0.0	5.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1877	-18	376				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	bbl
%	8.0 bbl	1.0 bbl	63 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
	Matt Leiker			-		-	