

Customer Noble				Job Number 1234					
Well Wells Ranch USX AA 35-14			Location (legal) CWY			Schlumberger Location Cheyenne		Job Start Dec/16/2019	
Field DJ		Formation Name/Type			Deviation deg	Bit Size in		Well MD 2100.0 ft	Well TVD 2100.0 ft
County Weld		State/Province Colorado			BHP psi	BHST degF		BHCT degF	Pore Press. Gradient lb/gal
Well Master 1234		API/UWI			Casing/Liner				
Rig Name Rlgless #1		Drilled For Oil and Gas		Service Via Land					
Offshore Zone		Well Class Old		Well Type Other	Depth, ft 2100.0	Size, in 4.5	Weight, lb/ft 11.6	Grade n/a	Thread n/a
Drilling Fluid Type Other		Max. Density 8.40 lb/gal	Plastic Viscosity CP		Tubing/Drill Pipe				
Service Line Cementing		Job Type Courtesy Plug & Condition							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection	Perforations/Open Hole				
Service Instructions Courtesy plug from 2100 ft to 1588 ft 10 bbl water 38.2 bbl cmt@15.8ppg 1.16y 185sks 5.13gps 24.6 bbl Disp Cut and condition from 686 ft to surface 10 bbl cenwash 55 bbl water									
		Top, ft	Bottom, ft	shot/ft	No. of Shots		Total Interval ft		
		ft	ft				Diameter in		
		ft	ft						
		Treat Down Casing		Displacement 24.6 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 Dec/16/2019		Arrived on Location Dec/16/2019		Leave Location Dec/16/2019	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			
12/16/2019	11:01:23	0.0	0.0	0.0	0.0	Started Acquisition			
12/16/2019	11:03:08	0.0	0.0	0.0	0.0	Start Job			
12/16/2019	11:03:10	0.0	0.0	0.0	0.0	Pressure Test Lines			
12/16/2019	11:06:23	0.0	0.0	0.0	0.0				
12/16/2019	11:08:18	0.0	0.0	0.0	0.0	PSI up to perf at 2500'			
12/16/2019	11:08:19	0.0	0.0	0.0	0.0	Remark			
12/16/2019	11:11:23	0.0	0.0	0.0	0.0				
12/16/2019	11:16:23	0.0	0.0	0.0	0.0				
12/16/2019	11:20:57	0.0	0.0	0.0	0.0	Start Pumping Spacer			
12/16/2019	11:21:23	0.0	0.0	0.0	0.0				
12/16/2019	11:26:23	0.0	0.0	0.0	0.0				
12/16/2019	11:31:23	0.0	0.0	0.0	0.0				
12/16/2019	11:32:40	0.0	0.0	0.0	0.0	End Spacer			
12/16/2019	11:32:43	0.0	0.0	0.0	0.0	Start Mixing Lead Slurry			
12/16/2019	11:33:03	0.0	0.0	0.0	0.0	Reset Total, Vol = 11.68 bbl			
12/16/2019	11:33:05	0.0	0.0	0.0	0.0	Returns			
12/16/2019	11:36:14	0.0	0.0	0.0	0.0	Remark			
12/16/2019	11:36:16	0.0	0.0	0.0	0.0	Remark			
12/16/2019	11:36:23	0.0	0.0	0.0	0.0				
12/16/2019	11:41:23	0.0	0.0	0.0	0.0				
12/16/2019	11:42:47	0.0	0.0	0.0	0.0	Returns good			

Well		Field		Job Start		Customer		Job Number	
Wells Ranch USX AA 35-14		DJ		Dec/16/2019		N		1234	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/16/2019	11:49:58	0.0	0.0	0.0	0.0	End lead slurry			
12/16/2019	11:50:04	0.0	0.0	0.0	0.0	Start Pumping displacement			
12/16/2019	11:50:09	0.0	0.0	0.0	0.0	Reset Total, Vol = 38.60 bbl			
12/16/2019	11:51:23	0.0	0.0	0.0	0.0				
12/16/2019	11:56:23	0.0	0.0	0.0	0.0				
12/16/2019	12:01:17	0.0	0.0	0.0	0.0	End displacement			
12/16/2019	12:01:23	0.0	0.0	0.0	0.0				
12/16/2019	12:01:27	0.0	0.0	0.0	0.0	End Job			
12/16/2019	12:01:36	0.0	0.0	0.0	0.0	Remark			
12/16/2019	12:01:37	0.0	0.0	0.0	0.0	Remark			
12/16/2019	12:57:00	0.0	0.0	0.0	0.0	PSI test courtesy plug			
12/16/2019	12:59:08	0.0	0.0	0.0	0.0	Reset Total, Vol = 24.76 bbl			
12/16/2019	13:01:23	0.0	0.0	0.0	0.0				
12/16/2019	13:06:23	0.0	0.0	0.0	0.0				
12/16/2019	13:08:32	0.0	0.0	0.0	0.0	PSI up to cut casing at 686'			
12/16/2019	13:11:23	0.0	0.0	0.0	0.0				
12/16/2019	13:16:23	0.0	0.0	0.0	0.0				
12/16/2019	13:21:23	0.0	0.0	0.0	0.0				
12/16/2019	13:21:29	0.0	0.0	0.0	0.0	Start Job			
12/16/2019	13:21:31	0.0	0.0	0.0	0.0	Start Pumping Wash			
12/16/2019	13:26:23	0.0	0.0	0.0	0.0				
12/16/2019	13:29:59	0.0	0.0	0.0	0.0	End Wash 10 bbl			
12/16/2019	13:30:02	0.0	0.0	0.0	0.0	Start Pumping Spacer			
12/16/2019	13:31:23	0.0	0.0	0.0	0.0				
12/16/2019	13:36:23	0.0	0.0	0.0	0.0				
12/16/2019	13:41:23	0.0	0.0	0.0	0.0				
12/16/2019	13:42:24	0.0	0.0	0.0	0.0	Chem wash to surface 47bbl away			
12/16/2019	13:43:14	0.0	0.0	0.0	0.0	End Spacer end water			
12/16/2019	13:46:23	0.0	0.0	0.0	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
	0					bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	bbl
	0.0 bbl		bbl	degF	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed
Chris H.			Richard White		-	-	<input checked="" type="checkbox"/>

Customer Noble				Job Number 1234						
Well Wells ranch USX AA 35-14			Location (legal) CWY			Schlumberger Location Cheyenne		Job Start Dec/17/2019		
Field DJ		Formation Name/Type		Deviation deg	Bft Size in		Well MD 686.0 ft		Well TVD 686.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal	
Well Master 1234		API/UWI		Casing/Liner						
Rig Name Rigless #1		Drilled For Oil and Gas		Service Via Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone		Well Class Old		Well Type Other		686.0	4.5	11.6	n/a	n/a
Drilling Fluid Type Other		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe				
Service Line Cementing		Job Type Surface Plug		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole				
Service Instructions Surface Plug from 686 ft to Surface 10 bbl water 61 bbl cmt@15.8ppg 1.16 y 29Sks 5.13gps .3 bbl Disp		Top, ft	Bottom, ft	shot/ft	No. of Shots		Total Interval ft			
		ft	ft				Diameter in			
		ft	ft							
		Treat Down Casing		Displacement 0.3 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		Shoe Depth ft			Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Stage Tool Type			Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Depth ft			Tool Depth ft	
Cement Head Type		Collar Type		Collar Depth ft			Tall Pipe Size in			
Job Scheduled For Dec/17/2019		Arrived on Location Dec/17/2019		Leave Location Dec/17/2019		Tail Pipe Depth ft			Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/17/2019	08:17:13	-0	0.0	0.00	0.0	Started Acquisition				
12/17/2019	08:22:13	-0	0.0	0.01	0.0					
12/17/2019	08:27:13	0	0.0	0.01	0.0					
12/17/2019	08:30:02	1	0.3	6.08	0.0	Reset Total, Vol = 0.01 bbl				
12/17/2019	08:32:13	0	0.0	8.49	0.0					
12/17/2019	08:37:13	66	0.9	8.49	0.0					
12/17/2019	08:42:13	31	1.0	8.49	0.0					
12/17/2019	08:43:12	37	1.0	8.48	0.0	Reset Total, Vol = 10.30 bbl				
12/17/2019	08:47:13	63	3.1	15.87	0.0					
12/17/2019	08:52:13	71	3.1	15.81	0.0					
12/17/2019	09:02:13	100	2.3	16.02	0.0					
12/17/2019	09:04:52	90	1.7	16.17	0.0	Reset Total, Vol = 61.11 bbl				
12/17/2019	09:05:06	33	1.0	8.96	0.0	Reset Total, Vol = 0.31 bbl				
12/17/2019	09:07:13	15	0.0	8.56	0.0					
12/17/2019	09:12:13	62	2.7	8.62	0.0					
12/17/2019	09:17:13	4	0.0	8.48	0.0					
12/17/2019	09:22:13	5	0.0	0.01	0.0					
12/17/2019	09:27:13	11	0.0	0.01	0.0					

Well Wells ranch USX AA 35-14	Field (DJ	Job Start Dec/17/2019	Customer (Job Number 1234
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
	0					bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Washed Thru Perfs	Volume	To	
	0.0 bbl	bbl	degF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4.0 bbl	ft	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	Job Completed		
Chris H.			Richard White		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
					-	-		