

				Customer Noble		Job Number 1234									
Well Lockman 4-14			Location (legal) CWY		Schlumberger Location Cheyenne		Job Start Jul/26/2019								
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 2500.0 ft	Well TVD 2500.0 ft								
County Weld		State/Province Colorado		BHP psi	BHST 165 degF	BHCT 125 degF	Pore Press. Gradient lb/gal								
Well Master 630899996		API/UWI													
Rig Name Rigless		Drilled For Oil and Gas		Service Via Land		Casing/Liner									
Offshore Zone		Well Class Old		Well Type Other											
Drilling Fluid Type Other		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe									
Service Line Cementing		Job Type P & A 2500ft plug													
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole									
Service Instructions Courtesy Plug Est. TOC in annulus @ 1958 ft Est. TOC in Casing @ 2100 ft Tagged TOC inside of casing @ 1910 10 bbl cemwash 178 bbl Freshwater 38.2 bbl cmt@15.8ppg 1.16y 185sks 5.13 gps 32.5 bbl cmt				Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
				ft		ft									
				ft		ft									
				ft		ft									
				ft		ft									
				Treat Down Casing		Displacement 32.5 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 Jul/26/2019		Arrived on Location Jul/26/2019		Leave Location Jul/26/2019		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									
07/26/2019	08:12:08	1	0.2	8.21	0.2	Started Acquisition									
07/26/2019	08:55:47	16	0.8	8.20	0.0	Start Circulation									
07/26/2019	09:02:39	286	2.0	8.20	9.6	End Circulation									
07/26/2019	09:02:40	288	2.0	8.20	9.7	Start Pumping Wash									
07/26/2019	09:11:47	253	1.5	8.21	7.4	End Wash= 10.13 bbl									
07/26/2019	09:11:48	250	1.5	8.21	7.4	Start Pumping Water									
07/26/2019	09:25:15	267	1.5	8.20	17.0	End Water= 19.87 bbl									
07/26/2019	09:25:16	268	1.5	8.20	17.0	Start Cement Slurry									
07/26/2019	09:50:30	91	1.5	9.69	0.4	End Cement Slurry= 37.94 bbl									
07/26/2019	09:50:31	92	1.5	9.64	0.5	Start Displacement									

				Customer Noble		Job Number EASZ-00016	
Well Lockman 4-14		Location (legal) CWY		Schlumberger Location Cheyenne		Job Start Jul/30/2019	
Field DJ		Formation Name/Type		Deviation deg		Well MD 1086.0 ft	
County Weld		State/Province Colorado		Bit Size in		Well TVD 1086.0 ft	
Well Master 1234		API/UWI		BHP psi		BHST 90 degF	
				BHCT 80 degF		Pore Press. Gradient lb/gal	
Rig Name Rigless		Drilled For Oil & Gas		Service Via Land		Casing/Liner	
						Depth, ft	
						Size, in	
						Weight, lb/ft	
						Grade	
						Thread	
Offshore Zone		Well Class Old		Well Type Other		1086.0	
						8.6	
						24.0	
						n/a	
						n/a	
Drilling Fluid Type Other		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe	
						T/D	
						Depth, ft	
						Size, in	
						Weight, lb/ft	
						Grade	
						Thread	
Service Line Cementing		Job Type P & A Surface Cmt		T		1086.0	
						4.5	
						11.6	
						n/a	
						n/a	
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	
Service Instructions Surface Cmt Plug						ft	
Plug from 1086 ft to surface						ft	
10 bbl water						ft	
72.7 bbl cmt@15.8ppg 1.16 yield 352sks 5.13 gps						Diameter in	
.75 bbl Disp							
				Treat Down Casing		Displacement 0.0 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		Tool Depth ft	
Cement Head Type				Stage Tool Type		Tool Depth ft	
Job Scheduled For Jul/30/2019		Arrived on Location Jul/30/2019		Leave Location Jul/30/2019		Stage Tool Depth ft	
						Tail Pipe Size in	
						Tail Pipe Depth ft	
						Ssq. Total Vol. bbl	
Date		Time 24-hr clock		Treating Pressure PSI		Flow Rate B/M	
						Density LB/G	
						Volume BBL	
						Message	
07/30/2019		07:15:43		1		0.1	
07/30/2019		07:43:30		3		0.1	
07/30/2019		07:46:20		12		0.6	
07/30/2019		08:02:50		70		0.8	
07/30/2019		08:28:34		108		2.0	
07/30/2019		08:28:35		104		2.0	
07/30/2019		08:29:12		86		0.0	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry 1.4		N2		Mud		Maximum Rate 5.8	
						Total Slurry 97.3	
						Mud 0.0	
						Spacer 0.0	
						N2	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum 229		Final 40		Average 56		Bump Plug to	
						Breakdown	
						Type	
						Volume bbl	
						Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 0.0 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 Chris H.				Schlumberger Supervisor Richard White			
				Circulation Lost <input type="checkbox"/>			
				Job Completed <input type="checkbox"/>			