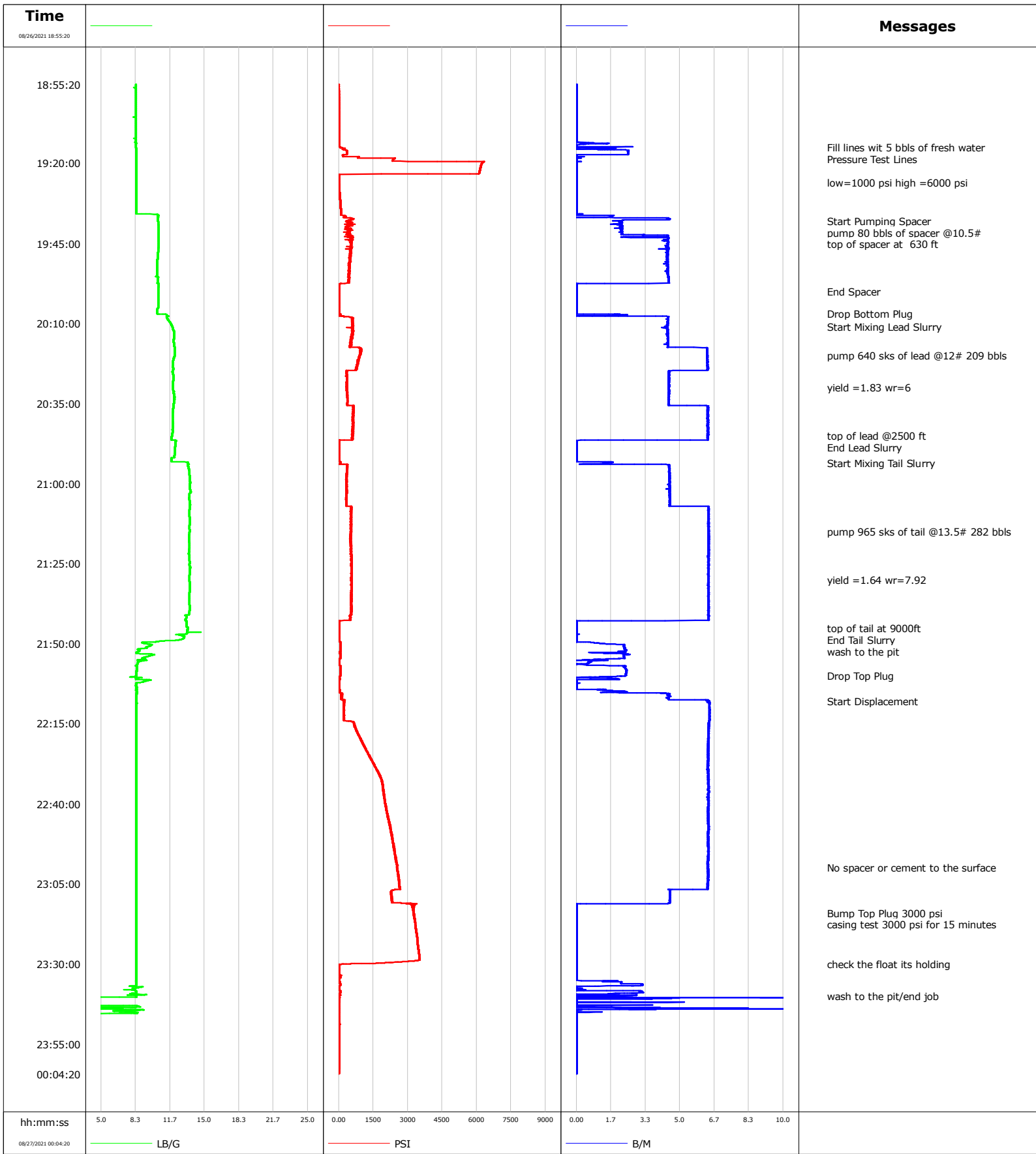


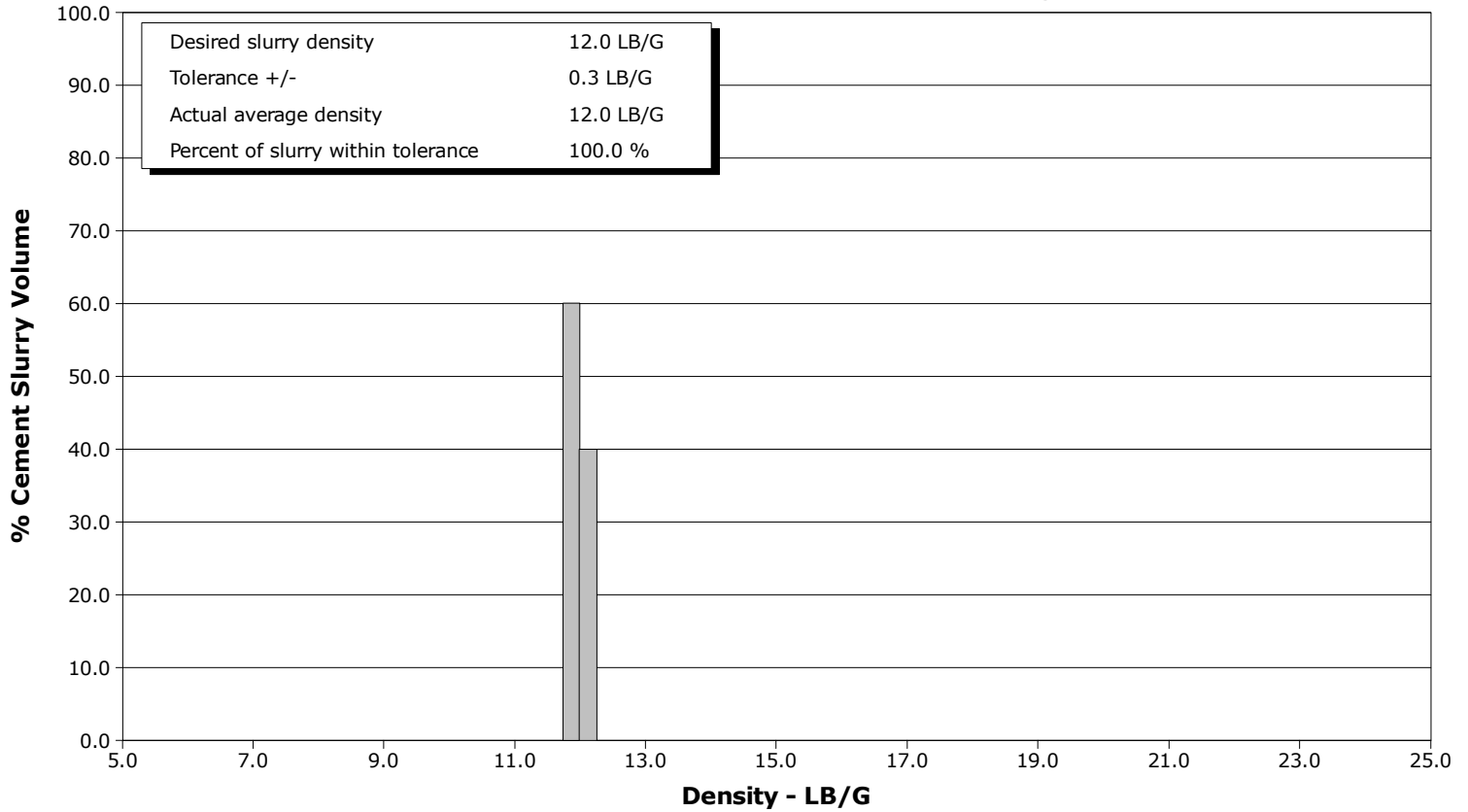
Well	SHAKE	Client	ANADARKO
Field	DJ	SIR No.	3234859
Engineer	ALBET SNYDER	Job Type	PRODUCTION
Country	United States	Job Date	08-26-2021



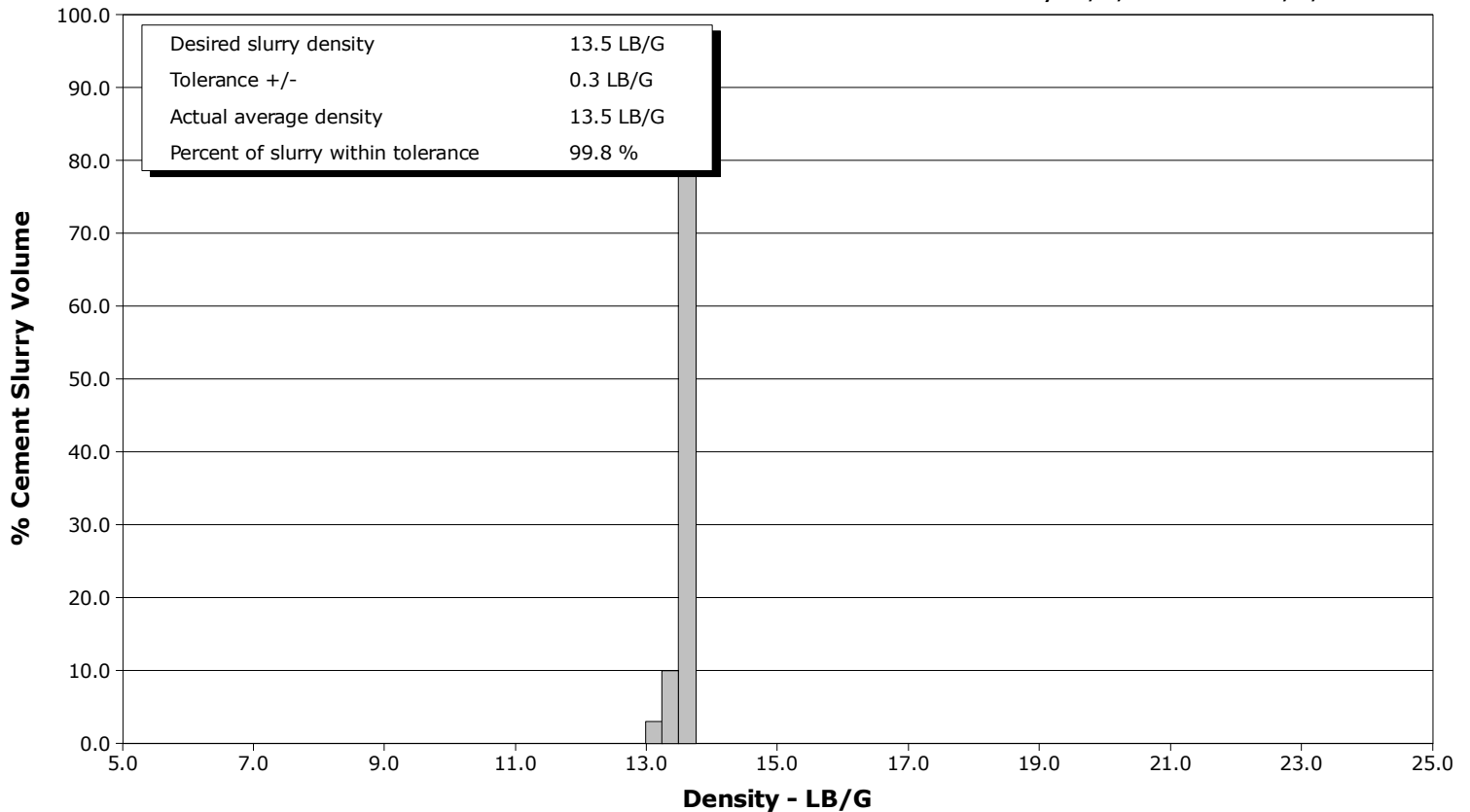
Well SHAKE
Field DJ
Engineer ALBET SNYDER
Country United States

Client ANADARKO
SIR No. 3234859
Job Type PRODUCTION
Job Date 08-26-2021

Lead Slurry - 08/26/2021 20:11:00 to 08/26/2021 20:46:26



Tail Slurry - 08/26/2021 20:53:31 to 08/26/2021 21:47:00



				Customer ANADARKO			Job Number 3234859		
Well SHAKE 11-12HZ		Location (legal) 11-12 HZ			Schlumberger Location CWY			Job Start Aug/26/2021	
Field DJ		Formation Name/Type			Deviation deg	Bit Size in		Well MD 17419.0 ft	Well TVD 6714.0 ft
County WELD		State/Province Colorado			BHP psi	BHST 230 degF	BHCT 230 degF	Pore Press. Gradient lb/gal	
Well Master 066087383		API/UWI 05-123-51400							
Rig Name P 461		Drilled For Oil & Gas		Service Via Land	Casing/Liner				
		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone N/A		Well Class New	Well Type Exploration		1900.0	9.6	36.0	110	8RD
					17360.0	5.5	17.0	J55	8RD
Drilling Fluid Type LT OBM		Max. Density 9.10 lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
					T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
Service Line Cementing		Job Type PRODUCTION							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WH Connection		Perforations/Open Hole				
					Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
Service Instructions Filled lines with 5 bbls of fresh water, tested 1000 low and 6000 high , pumped 80 bbls of scrub @10.5#, dropped bottom plug, pumped 640 sks of lead @12# 209 bbls tot@2500 ft, pump 965 sks of tail @13.5# 282 bbls tot @9000 ft, washed to the pit, dropped top plug, displaced 30 bbls of sugar water, and 371 bbls of treated water bumped the plug to 3000 psi hold 15 minutes chec float end job.Did not get spacer or cement to the surface					ft	ft			ft
					ft	ft			Diameter in
					ft	ft			in
					Treat Down Casing	Displacement 401.0 bbl	Packer Type	Packer Depth ft	
					Tubing Vol. bbl	Casing Vol. 403.0 bbl	Annular Vol. 91.0 bbl	Openhole Vol. 478.0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job	
Lift Pressure 12422 psi					Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 17360.0 ft		Tool Type		
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type			Tool Depth ft	
Cement Head Type Double					Stage Tool Depth ft			Tail Pipe Size in	
Job Scheduled For Aug/26/2021 14:00		Arrived on Location Aug/26/2021 13:00		Leave Location Aug/27/2021 01:00	Collar Type Float		Tail Pipe Depth ft		
					Collar Depth 17319.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Message				
08/26/2021	18:55:20	-0	0.0	8.39	Started Acquisition				
08/26/2021	19:15:00	71	0.2	8.39	Fill lines wit 5 bbls of fresh water				
08/26/2021	19:17:00	353	2.5	8.42	Pressure Test Lines				
08/26/2021	19:26:00	19	0.0	8.42	low=1000 psi high =6000 psi				
08/26/2021	19:38:00	510	2.2	10.50	Start Pumping Spacer				
08/26/2021	19:40:00	371	2.2	10.56	pump 80 bbls of spacer @10.5#				
08/26/2021	19:45:00	557	4.5	10.58	top of spacer at 630 ft				
08/26/2021	20:00:00	14	0.0	10.54	End Spacer				
08/26/2021	20:07:00	14	0.0	10.46	Drop Bottom Plug				
08/26/2021	20:11:00	643	4.4	11.88	Start Mixing Lead Slurry				
08/26/2021	20:20:00	930	6.3	12.10	pump 640 sks of lead @12# 209 bbls				
08/26/2021	20:30:00	350	4.5	11.96	yield =1.83 wr=6				
08/26/2021	20:45:00	620	6.3	11.86	top of lead @2500 ft				
08/26/2021	20:46:26	68	3.9	11.86	End Lead Slurry				
08/26/2021	20:53:31	82	1.7	13.41	Start Mixing Tail Slurry				
08/26/2021	21:15:00	509	6.4	13.57	pump 965 sks of tail @13.5# 282 bbls				
08/26/2021	21:30:00	562	6.4	13.55	yield =1.64 wr=7.92				
08/26/2021	21:45:00	22	0.0	13.39	top of tail at 9000ft				
08/26/2021	21:47:00	22	0.0	13.19	End Tail Slurry				
08/26/2021	21:50:00	79	1.3	9.43	wash to the pit				
08/26/2021	22:00:00	71	2.4	8.44	Drop Top Plug				

Well SHAKE 11-12HZ		Field DJ		Job Start Aug/26/2021	Customer ANADARKO		Job Number 3234859
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Message		
08/26/2021	23:00:00	2548	6.3	8.42	No spacer or cement to the surface		
08/26/2021	23:14:00	3261	0.0	8.42	Bump Top Plug 3000 psi		
08/26/2021	23:15:00	3284	0.0	8.42	casing test 3000 psi for 15 minutes		
08/26/2021	23:30:00	366	0.0	8.42	check the float its holding		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.2	N2	Mud	Maximum Rate 14.6		Total Slurry 491.0	Mud 0.0	Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6326	Final 21	Average 862	Bump Plug to 3000	Breakdown	Type FreshWater	Volume 401.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement 401.0 bbl	Mix Water Temp 83 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative STEVE MARTINEZ			Schlumberger Supervisor ALBET SNYDER		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		



Service Quality Evaluation

Client:	ANADARKO
Field:	DJ
Rig:	P 461
Well:	SHAKE
Service Line:	Cementing
Job Type:	PRODUCTION

Service Order #:	
Date:	Aug/26/2021
Operating Time (hh:mm):	00:00
Client Rep:	STEVE MARTINEZ
Schlumberger Engineer:	ALBET SNYDER
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: