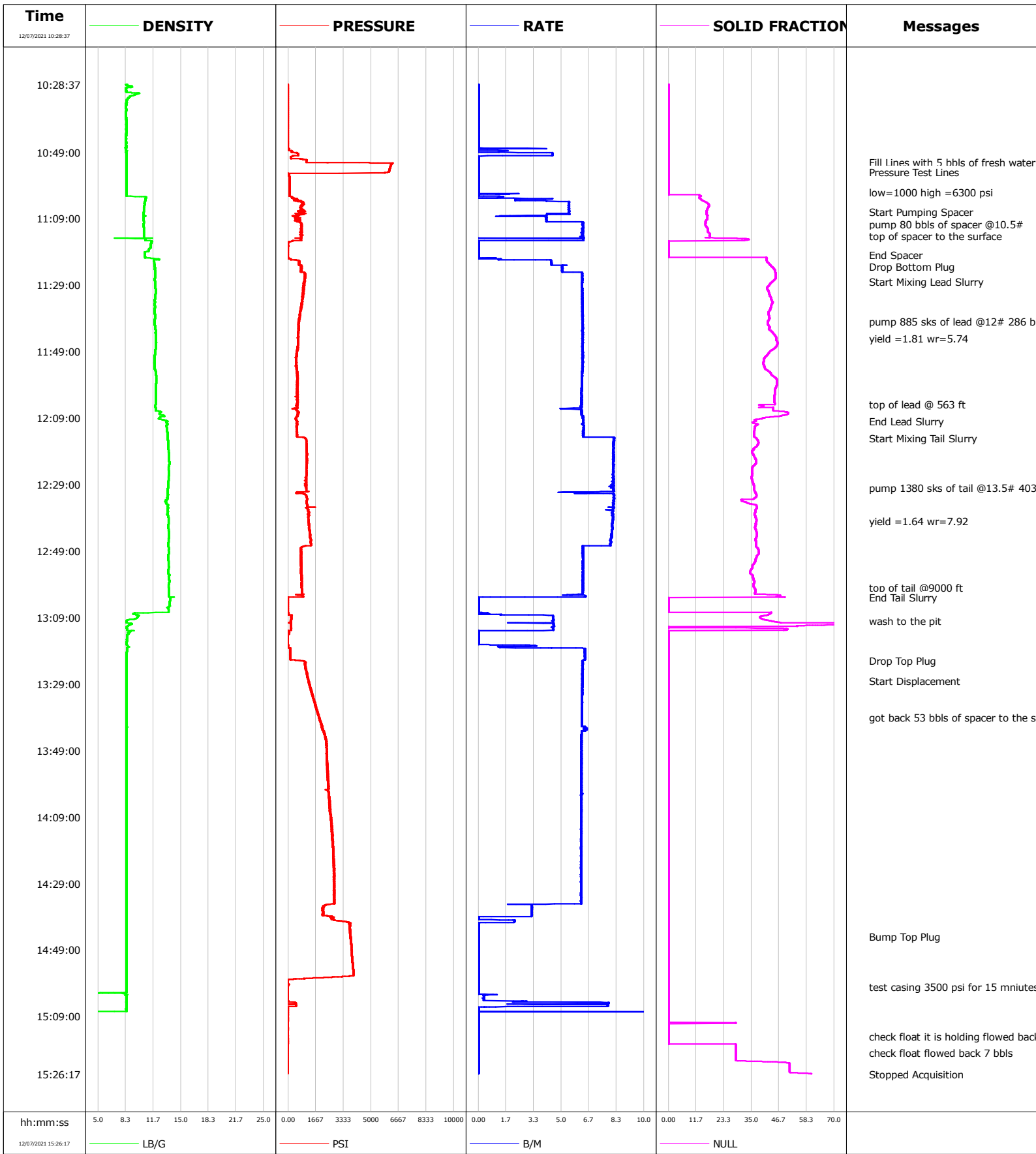


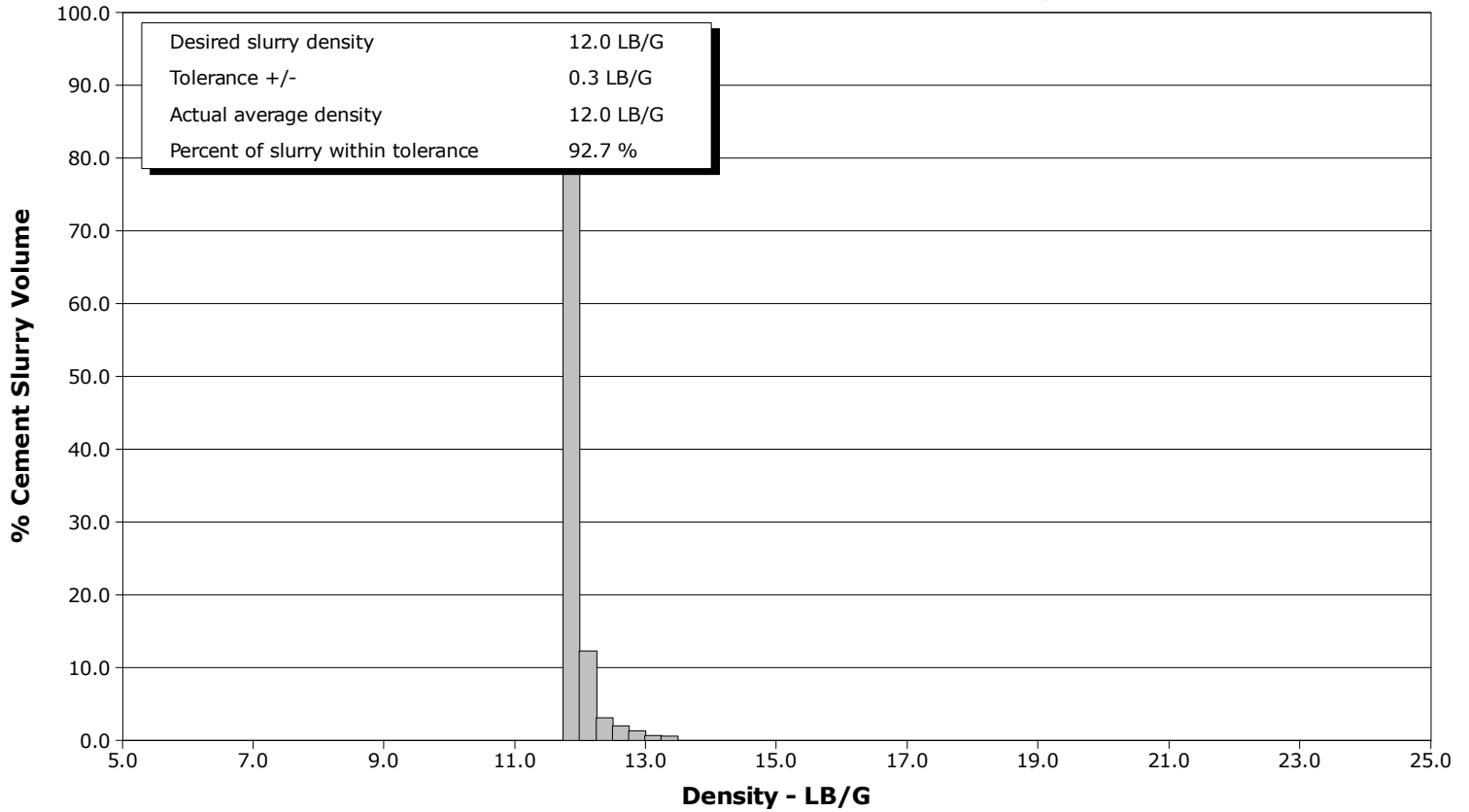
Well	SBJ	Client	ANADARKO
Field	DJ	SIR No.	3245719
Engineer		Job Type	PRODUCTION
Country	United States	Job Date	12-07-2021



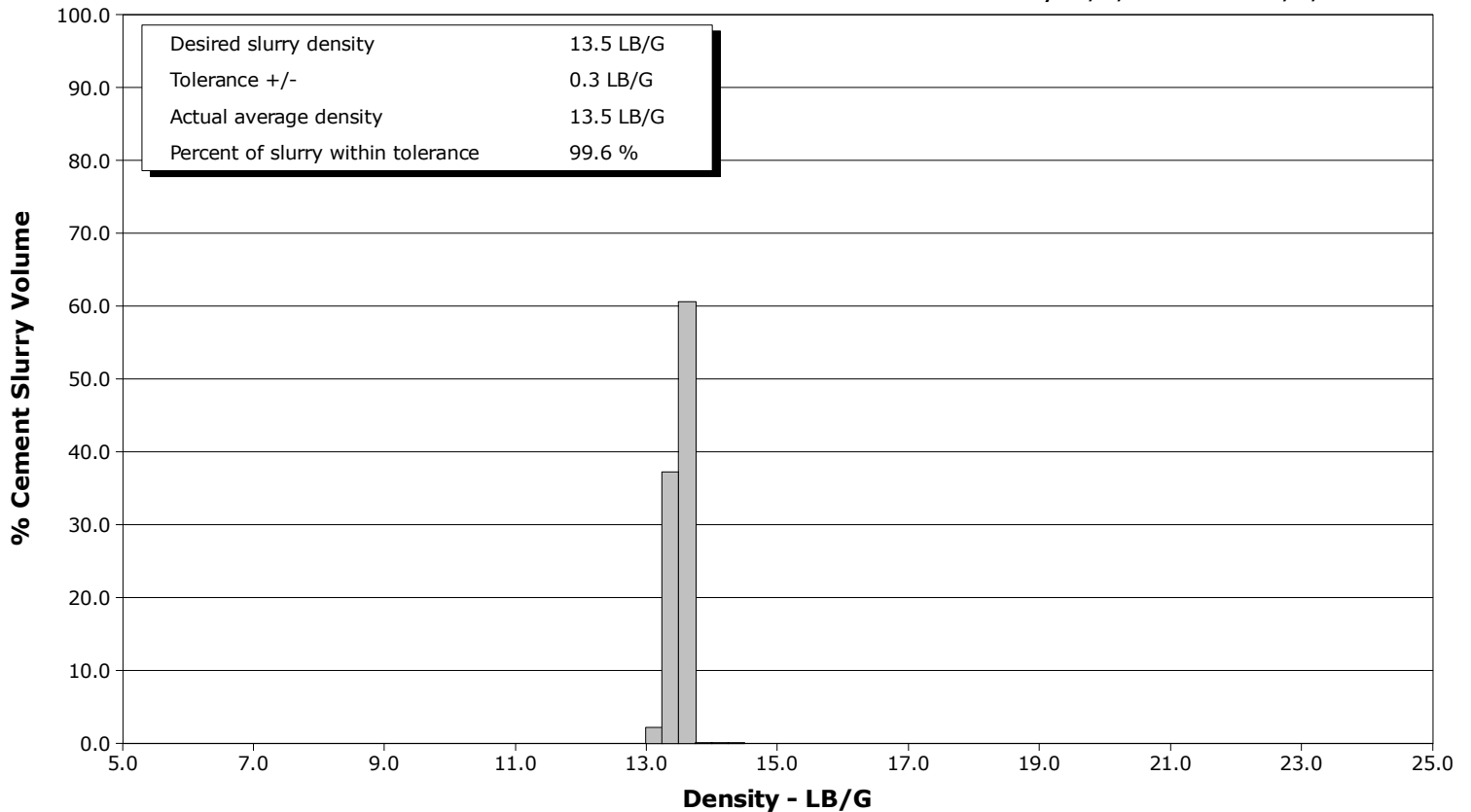
Well SBJ
Field DJ
Engineer
Country United States

Client ANADARKO
SIR No. 3245719
Job Type PRODUCTION
Job Date 12-07-2021

Lead Slurry - 12/07/2021 11:28:00 to 12/07/2021 12:10:00



Tail Slurry - 12/07/2021 12:15:00 to 12/07/2021 13:03:00



				Customer			Job Number					
				ANADARKO			3245719					
Well		Location (legal)			Schlumberger Location			Job Start				
SBJ 13-7HZ		13-7HZ						Dec/07/2021				
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD			
DJ					deg	in		21281.0 ft	6327.0 ft			
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient				
WELD		Colorado			psi	230 degF	230 degF	lb/gal				
Well Master		API/UWI										
066441943		05-123-51599										
Rig Name	Drilled For		Service Via		Casing/Liner							
P461	Oil & Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class		Well Type		1900.0	9.6	36.0	J55	BUTT			
N/A	New		Development		21290.0	5.5	17.0	110	8RD			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe							
LT OBM		9.50 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Service Line		Job Type										
Cementing		PRODUCTION										
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole							
psi	psi				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval			
Service Instructions					ft	ft			ft			
Fill lines with 5 bbls of fresh water; test lines 1000 psi low 6300 psi high, pump 80 bbls of spacer @10.5#, drop bottom plug, pump 885 sks of lead @12# 286 bbls, 1.81 yield 5.74 wr/top of lead @ 563 ft , pump 1380 sks of tail @13.5# 403 bbls 1.64 yield 7.92 wr top of tail @9000 ft, wash to the pit drop top plug, displace 492 bbls of treated water @8.33, bump the plug 2500 psi hold test 3500 for 15 mnutes check float end job got back 53 bbls of spacer to the surface					ft	ft			Diameter			
					ft	ft			in			
Treat Down		Displacement		Packer Type		Packer Depth						
Casing		492.0 bbl				ft						
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.						
bbl		496.0 bbl		91.0 bbl		495.0 bbl						
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job				
<input type="checkbox"/>		<input checked="" type="checkbox"/>										
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type					
15252 psi		Float			21290.0 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		Collar Type	Tail Pipe Depth		
Double		Dec/06/2021 23:00			Dec/06/2021 22:30		Dec/07/2021 15:00		Float		ft	
									Collar Depth		ft	
									21234.0 ft		Sqz. Total Vol.	bbl
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M		CPF1_DOWNHOLE_DENSITY LB/G	Message						
12/07/2021	10:28:37	-28	0.0		8.29	Started Acquisition						
12/07/2021	10:55:00	6073	0.0		8.42	Pressure Test Lines						
12/07/2021	11:01:00	81	0.0		8.42	low=1000 high =6300 psi						
12/07/2021	11:07:00	1002	5.5		10.51	Start Pumping Spacer						
12/07/2021	11:09:00	440	4.1		10.50	pump 80 bbls of spacer @10.5#						
12/07/2021	11:12:00	804	6.3		10.53	top of spacer to the surface						
12/07/2021	11:20:00	-11	0.0		10.67	End Spacer						
12/07/2021	11:22:00	697	4.4		11.78	Drop Bottom Plug						
12/07/2021	11:28:00	1001	6.3		11.89	Start Mixing Lead Slurry						
12/07/2021	11:40:00	667	6.3		11.84	pump 885 sks of lead @12# 286 bbls						
12/07/2021	11:45:00	643	6.3		11.98	yield = 1.81 wr=5.74						
12/07/2021	12:05:00	552	6.2		11.97	top of lead @ 563 ft						
12/07/2021	12:10:00	548	6.3		13.40	End Lead Slurry						
12/07/2021	12:15:00	1017	8.2		13.43	Start Mixing Tail Slurry						
12/07/2021	12:30:00	1089	8.2		13.45	pump 1380 sks of tail @13.5# 403 bbls						
12/07/2021	12:40:00	1221	8.1		13.53	yield = 1.64 wr=7.92						
12/07/2021	13:00:00	845	6.3		13.55	top of tail @9000 ft						
12/07/2021	13:03:00	-21	0.0		13.82	End Tail Slurry						
12/07/2021	13:10:00	159	4.5		8.44	wash to the pit						
12/07/2021	13:22:00	787	6.3		8.45	Drop Top Plug						
12/07/2021	13:28:00	1250	6.3		8.44	Start Displacement						

Well SBJ 13-7HZ		Field DJ		Job Start Dec/07/2021	Customer ANADARKO		Job Number 3245719
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Message		
12/07/2021	14:45:00	3763	0.0	8.43	Bump Top Plug		
12/07/2021	15:00:00	-37	0.0	8.43	test casing 3500 psi for 15 mniutes		
12/07/2021	15:15:00	-33	0.0	0.00	check float it is holding flowed back 3 bbls wnd of the job		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.2	N2	Mud	Maximum Rate 20.5		Total Slurry 689.0	Mud 0.0	Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6348	Final -39	Average 1512	Bump Plug to 2700	Breakdown	Type FreshWater	Volume 492.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement 492.0 bbl	Mix Water Temp 75 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative JASON LAUB			Schlumberger Supervisor		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		



Service Quality Evaluation

Client:	ANADARKO
Field:	DJ
Rig:	P461
Well:	SBJ
Service Line:	Cementing
Job Type:	PRODUCTION

Service Order #:	
Date:	Dec/07/2021
Operating Time (hh:mm):	00:00
Client Rep:	JASON LAUB
Schlumberger Engineer:	
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: