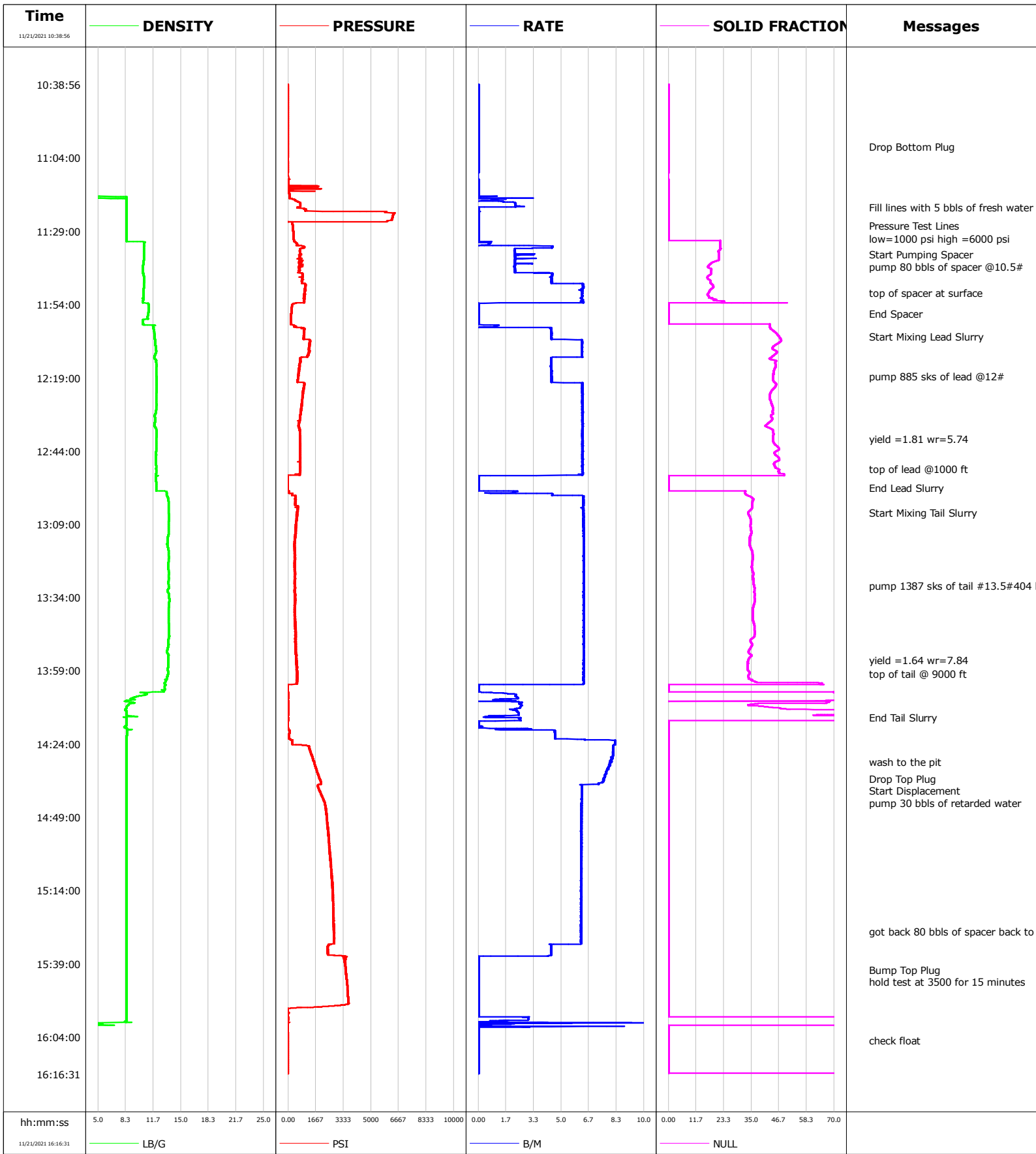


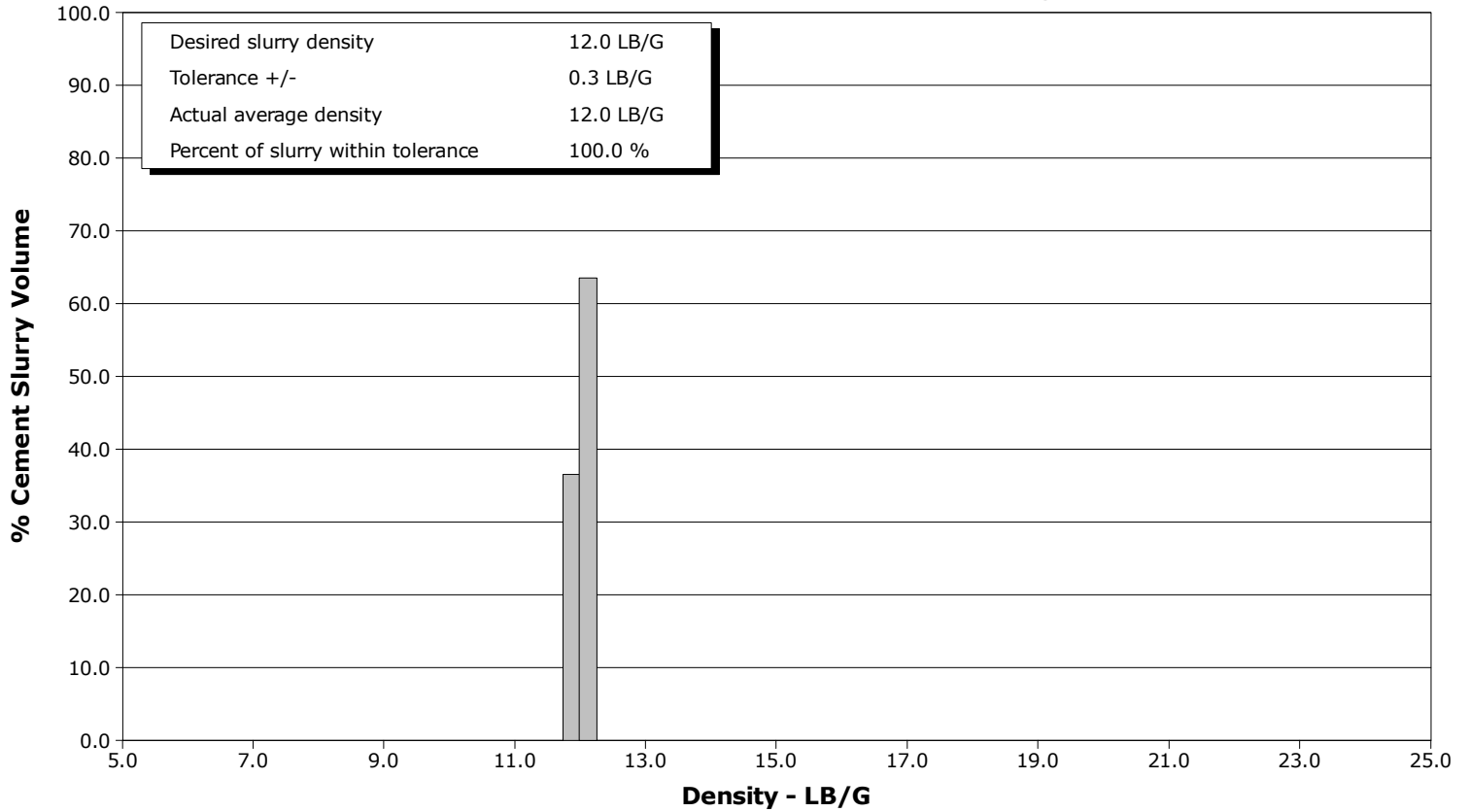
Well	SBJ	Client	ANADARKO
Field	DJ	SIR No.	3244189
Engineer	ALBERT SNYDER	Job Type	production
Country	United States	Job Date	11-21-2021



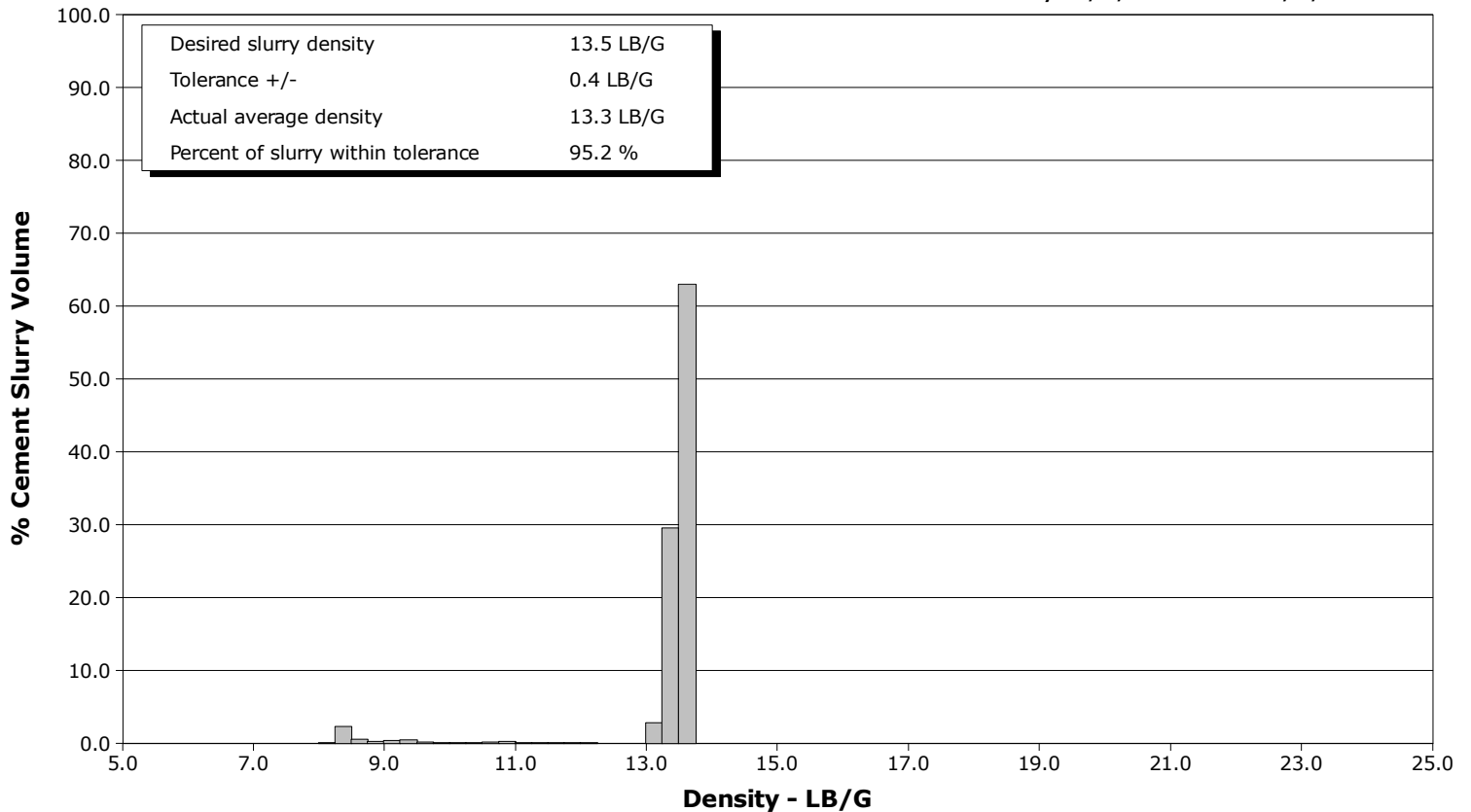
Well SBJ
Field DJ
Engineer ALBERT SNYDER
Country United States

Client ANADARKO
SIR No. 3244189
Job Type production
Job Date 11-21-2021

Lead Slurry - 11/21/2021 12:05:00 to 11/21/2021 12:56:41



Tail Slurry - 11/21/2021 13:05:00 to 11/21/2021 14:15:00



				Customer ANADARKO			Job Number 3244189				
Well SBJ 13-4HZ		Location (legal) 13-4HZ			Schlumberger Location CWY			Job Start Nov/21/2021			
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD 21274.0 ft	Well TVD 6558.0 ft	
County WELD		State/Province Colorado			BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal
Well Master 066441944		API/UWI 05-123-51604									
Rig Name P461		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 Development		1900.0	9.6	36.0	J55	8RD	
						21260.0	5.5	17.0	110	8RD	
Drilling Fluid Type LT OBM		Max. Density 9.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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	
						ft	ft				
						ft	ft			Diameter in	
						Treat Down Casing	Displacement 492.0 bbl		Packer Type		Packer Depth ft
						Tubing Vol. bbl	Casing Vol. 496.0 bbl		Annular Vol. 91.0 bbl		Openhole Vol. 497.0 bbl
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job			
Lift Pressure 15290 psi					Shoe Type Float			Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 21260.0 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 Nov/21/2021 06:00		Arrived on Location Nov/21/2021 05:00		Leave Location Nov/21/2021 30:00		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 21213.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	CPF1_PRESS PSI		CPF1_TTL_RATE B/M		CPF1_DOWNHOLE_DENSITY LB/G		Message			
11/21/2021	10:38:56	-27		0.0		0.00		Started Acquisition			
11/21/2021	11:00:00	-28		0.0		0.00		Drop Bottom Plug			
11/21/2021	11:21:00	550		0.0		8.42		Fill lines with 5 bbls of fresh water			
11/21/2021	11:27:00	271		0.0		8.42		Pressure Test Lines			
11/21/2021	11:31:39	328		0.0		8.42		low=1000 psi high =6000 psi			
11/21/2021	11:37:00	723		2.2		10.53		Start Pumping Spacer			
11/21/2021	11:40:00	678		2.2		10.51		pump 80 bbls of spacer @10.5#			
11/21/2021	11:50:00	1003		6.3		10.49		top of spacer at surface			
11/21/2021	11:57:00	181		0.0		11.11		End Spacer			
11/21/2021	12:05:00	966		4.4		11.86		Start Mixing Lead Slurry			
11/21/2021	12:18:26	609		4.4		12.06		pump 885 sks of lead @12#			
11/21/2021	12:40:00	744		6.3		12.06		yield =1.81 wr=5.74			
11/21/2021	12:50:00	758		6.3		12.03		top of lead @1000 ft			
11/21/2021	12:56:41	-42		0.0		12.02		End Lead Slurry			
11/21/2021	13:05:00	544		6.3		13.55		Start Mixing Tail Slurry			
11/21/2021	13:30:00	401		6.4		13.53		pump 1387 sks of tail #13.5#404 bbls			
11/21/2021	13:55:14	495		6.4		13.47		yield =1.64 wr=7.84			
11/21/2021	14:00:00	550		6.4		13.48		top of tail @ 9000 ft			
11/21/2021	14:15:00	16		2.6		8.41		End Tail Slurry			
11/21/2021	14:30:00	1551		8.1		8.43		wash to the pit			
11/21/2021	14:35:54	1909		7.6		8.43		Drop Top Plug			

Well SBJ 13-4HZ		Field DJ		Job Start Nov/21/2021	Customer ANADARKO		Job Number 3244189
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Message		
11/21/2021	14:40:00	1897	6.3	8.43	pump 30 bbls of retarded water		
11/21/2021	15:28:00	2774	6.2	8.43	got back 80 bbls of spacer back to surface		
11/21/2021	15:41:00	3488	0.0	8.44	Bump Top Plug		
11/21/2021	15:44:00	3526	0.0	8.44	hold test at 3500 for 15 minutes		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.7	N2	Mud	Maximum Rate 15.4		Total Slurry 1319.3	Mud 0.0	Spacer 0.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6438	Final -23	Average 1283	Bump Plug to 3100	Breakdown	Type FreshWater	Volume 492.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement 26.8 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 JOE WELLEM			Schlumberger Supervisor ALBERT SNYDER		Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>		
					-	-		



Service Quality Evaluation

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

Service Order #:	
Date:	Nov/21/2021
Operating Time (hh:mm):	00:00
Client Rep:	JOE WELLEM
Schlumberger Engineer:	ALBERT 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: