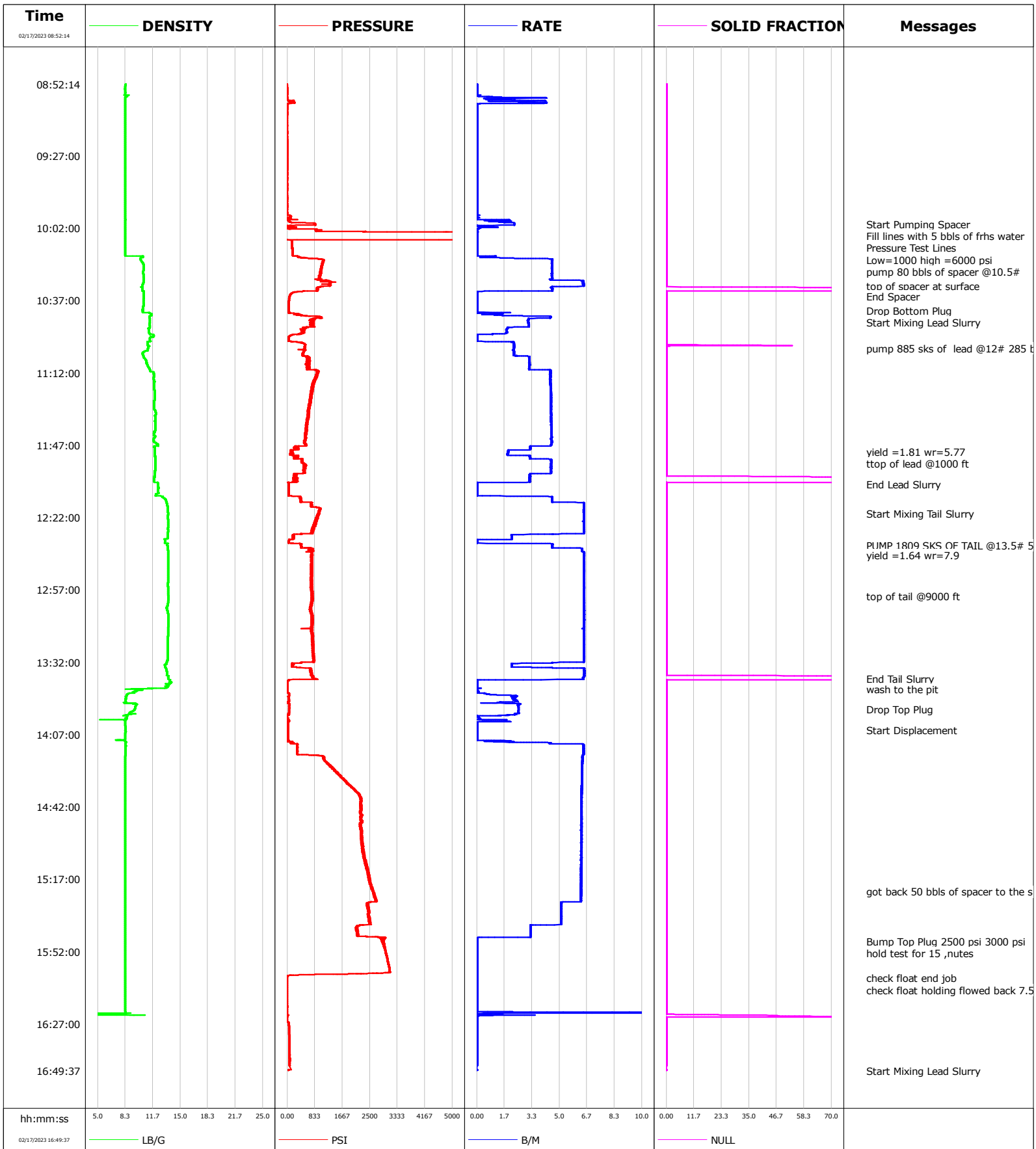


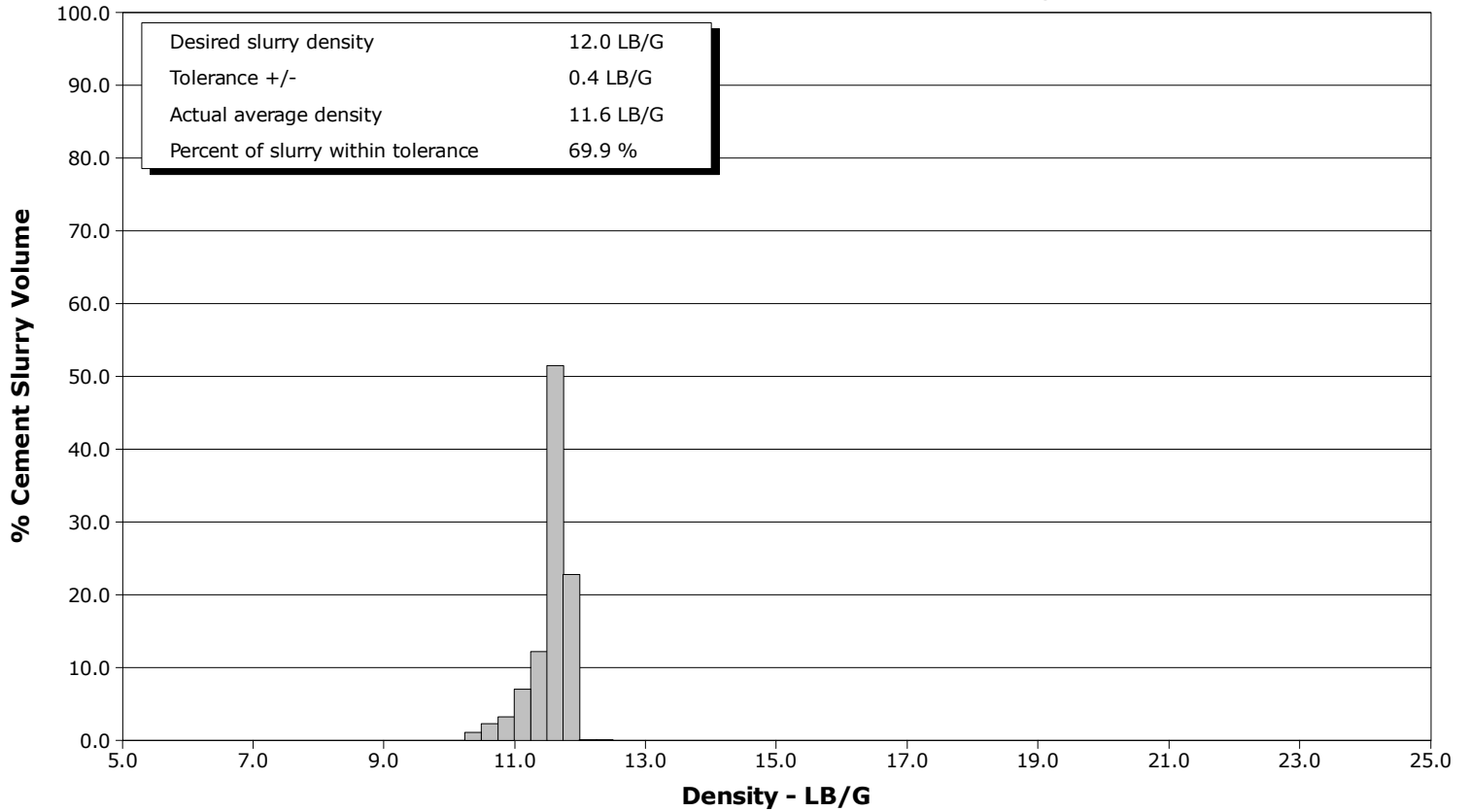
Well	SCHLAGEL	Client	OXY
Field	DJ	SIR No.	3272319
Engineer	ALBERT SNYDER	Job Type	PRODUCTION
Country	United States	Job Date	02-17-2023



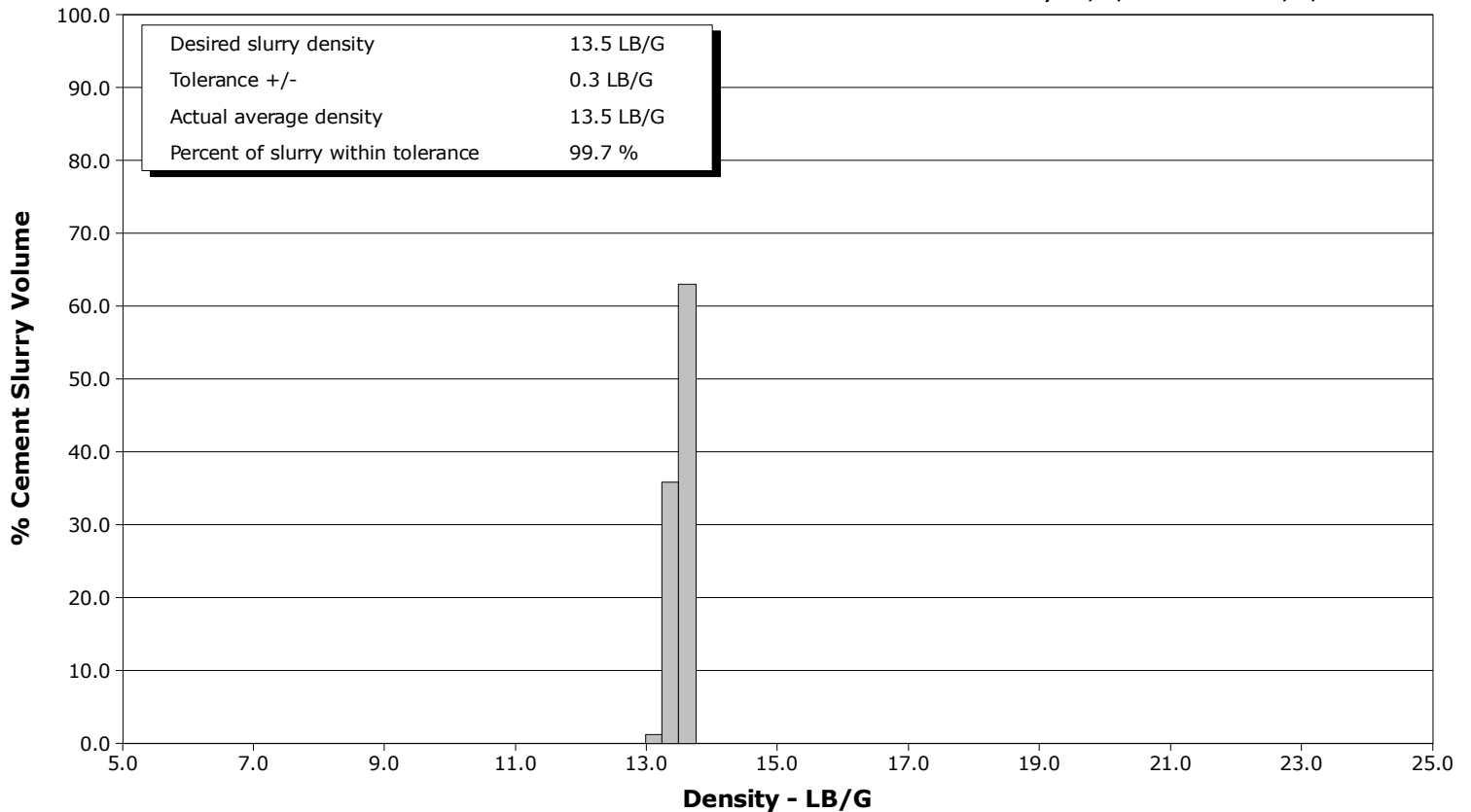
Well SCHLAGEL
Field DJ
Engineer ALBERT SNYDER
Country United States

Client OXY
SIR No. 3272319
Job Type PRODUCTION
Job Date 02-17-2023

Lead Slurry - 02/17/2023 10:44:00 to 02/17/2023 12:06:00



Tail Slurry - 02/17/2023 12:20:00 to 02/17/2023 13:40:00



				Customer			Job Number			
				OXY			3272319			
Well		Location (legal)		Schlumberger Location			Job Start			
SCHLAGEL 5/8HZ		5-8HZ		WCC			Feb/17/2023			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD			
DJ				deg	in	24348.0 ft	7005.0 ft			
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
WELD		Colorado		psi	230 degF	230 degF	lb/gal			
Well Master		API/UWI								
066209287		05-123-51485								
Rig Name	Drilled For	Service Via	Casing/Liner							
E 773	Oil & Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type	1917.0	9.6	36.0	110	8RD			
N/A	New	Exploration	24333.0	5.5	17.0	J55	BUTT			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
LT OBM		9.40 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			
			ft	ft			ft			
			ft	ft			Diameter			
			ft	ft			in			
Service Instructions		Treat Down	Displacement		Packer Type	Packer Depth				
FILL LINES WIT 5 BLS OF FRESH WATER, TEST LOW=1000 HIGH =6000 PUMP 80 BBLs OF SPACER @10.5# DROP BOTTOM PLUG, PUMP 885 SKS OF LEAD @12# 285 BBLs PUMP 1809 SKS FO TAIL @13.5# 529 BBLs, WASH TO THE PIT DROP TOP PLUG DISPLACE 564 BBLs BUMP THE PLUG TO 3000 HOLD 15 MNUTES CHECK FLAOT END THE JOB float holding flowed back 7.5 bbls got back 50 bbls of spacer to the surface		Casing	564.0 bbl			ft				
		Tubing Vol.		Casing Vol.	Annular Vol.	Openhole Vol.				
		bbl		566.0 bbl	91.0 bbl	693.0 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				
17431 psi		Float	24333.0 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		Feb/17/2023 03:00	Feb/17/2023 02:30	Feb/17/2023 18:00	Float		ft			
					Collar Depth	24288.0 ft	Sqz. Total Vol.			
					bbl					
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Volume BBL	Message				
02/17/2023	08:52:14	-1	0.0	8.37	0.0	Started Acquisition				
02/17/2023	10:00:00	843	2.3	8.34	11.7	Start Pumping Spacer				
02/17/2023	10:02:00	4	0.1	8.34	13.8	Fill lines with 5 bbls of frhs water				
02/17/2023	10:06:00	5979	0.0	8.34	13.8	Pressure Test Lines				
02/17/2023	10:09:00	143	0.0	8.34	13.8	Low=1000 high =6000 psi				
02/17/2023	10:20:00	1076	4.6	10.57	30.5	pump 80 bbls of spacer @10.5#				
02/17/2023	10:30:00	1290	6.5	10.43	81.4	top of spacer at surface				
02/17/2023	10:35:00	70	0.0	10.58	93.0	End Spacer				
02/17/2023	10:42:00	33	0.0	10.45	93.0	Drop Bottom Plug				
02/17/2023	11:00:00	526	2.2	11.11	126.7	pump 885 sks of lead @12# 285 bbls				
02/17/2023	11:50:00	140	1.9	11.92	329.8	yield =1.81 wr=5.77				
02/17/2023	12:06:00	37	0.0	12.30	384.5	End Lead Slurry				
02/17/2023	12:20:00	965	6.5	13.52	432.7	Start Mixing Tail Slurry				
02/17/2023	12:35:14	426	4.6	13.41	506.7	PUMP 1809 SKS OF TAIL @13.5# 529 BBLs				
02/17/2023	12:40:00	758	6.5	13.53	534.5	yield =1.64 wr=7.9				
02/17/2023	13:00:00	762	6.5	13.57	664.4	top of tail @9000 ft				
02/17/2023	13:40:00	833	6.5	13.57	914.6	End Tail Slurry				
02/17/2023	13:45:00	7	0.0	9.73	917.9	wash to the pit				
02/17/2023	13:55:00	58	2.5	9.46	934.9	Drop Top Plug				
02/17/2023	14:05:00	23	0.0	8.35	943.7	Start Displacement				
02/17/2023	15:23:07	2615	6.3	8.35	1403.2	got back 50 bbls of spacer to the surface				

Well SCHLAGEL 5/8HZ		Field DJ		Job Start Feb/17/2023		Customer OXY		Job Number 3272319	
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_DOWNHOLE_DENSITY LB/G	Volume BBL	Message			
02/17/2023	15:50:00	2954	0.0	8.35	1510.8	hold test for 15 ,nutes			
02/17/2023	16:05:00	-5	0.0	8.35	1510.8	check float end job			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.9	N2	Mud	Maximum Rate 16.9		Total Slurry 1814.0	Mud 0.0	Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6142	Final 41	Average 997	Bump Plug to 3000	Breakdown	Type FreshWater	Volume 564.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume 814.0 bbl		Displacement 563.0 bbl	Mix Water Temp 55 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative DUSTIN			Schlumberger Supervisor ALBERT SNYDER			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	



Service Quality Evaluation

Client:	OXY
Field:	DJ
Rig:	E 773
Well:	SCHLAGEL
Service Line:	Cementing
Job Type:	PRODUCTION

Service Order #:	
Date:	Feb/17/2023
Operating Time (hh:mm):	00:00
Client Rep:	DUSTIN
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: