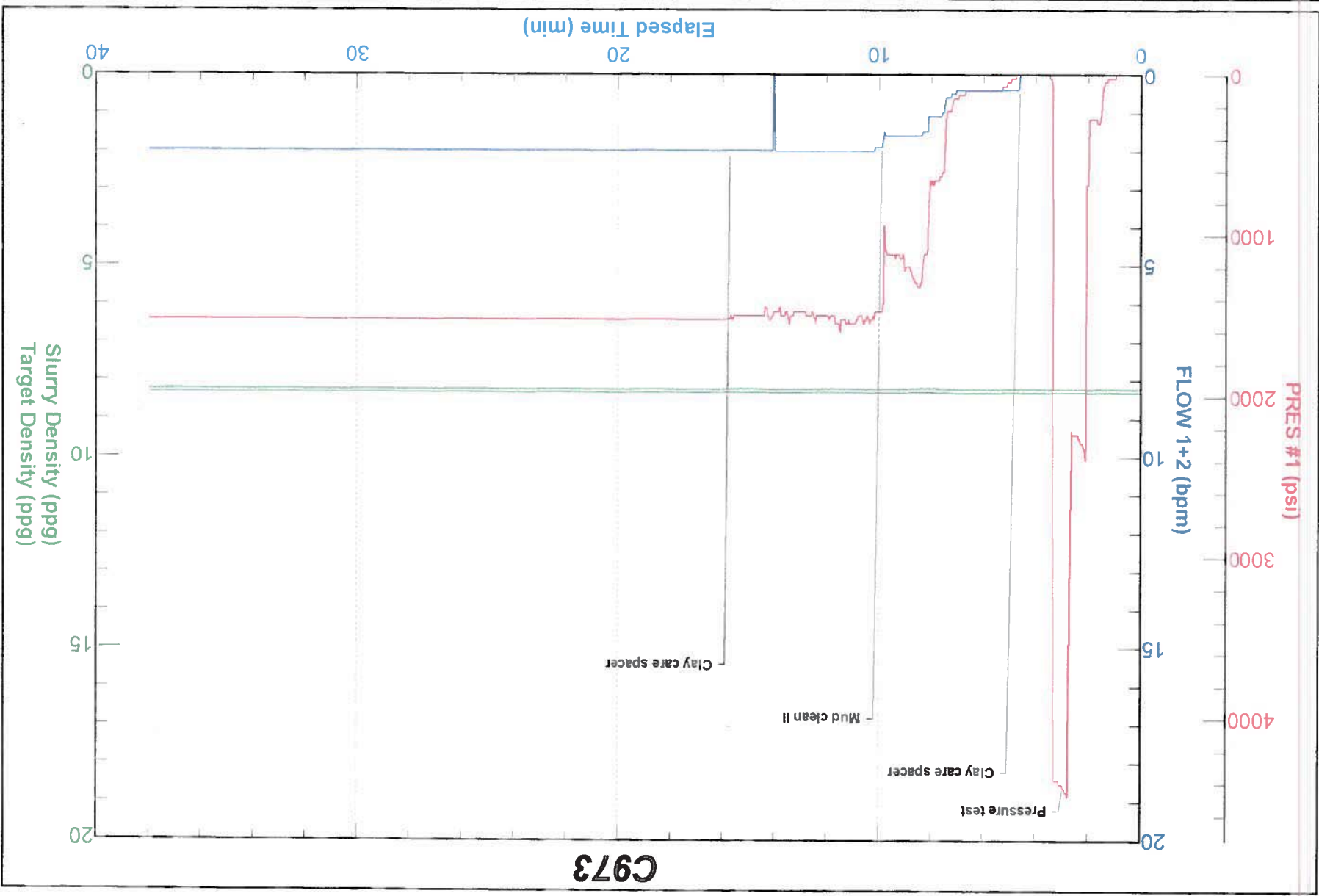
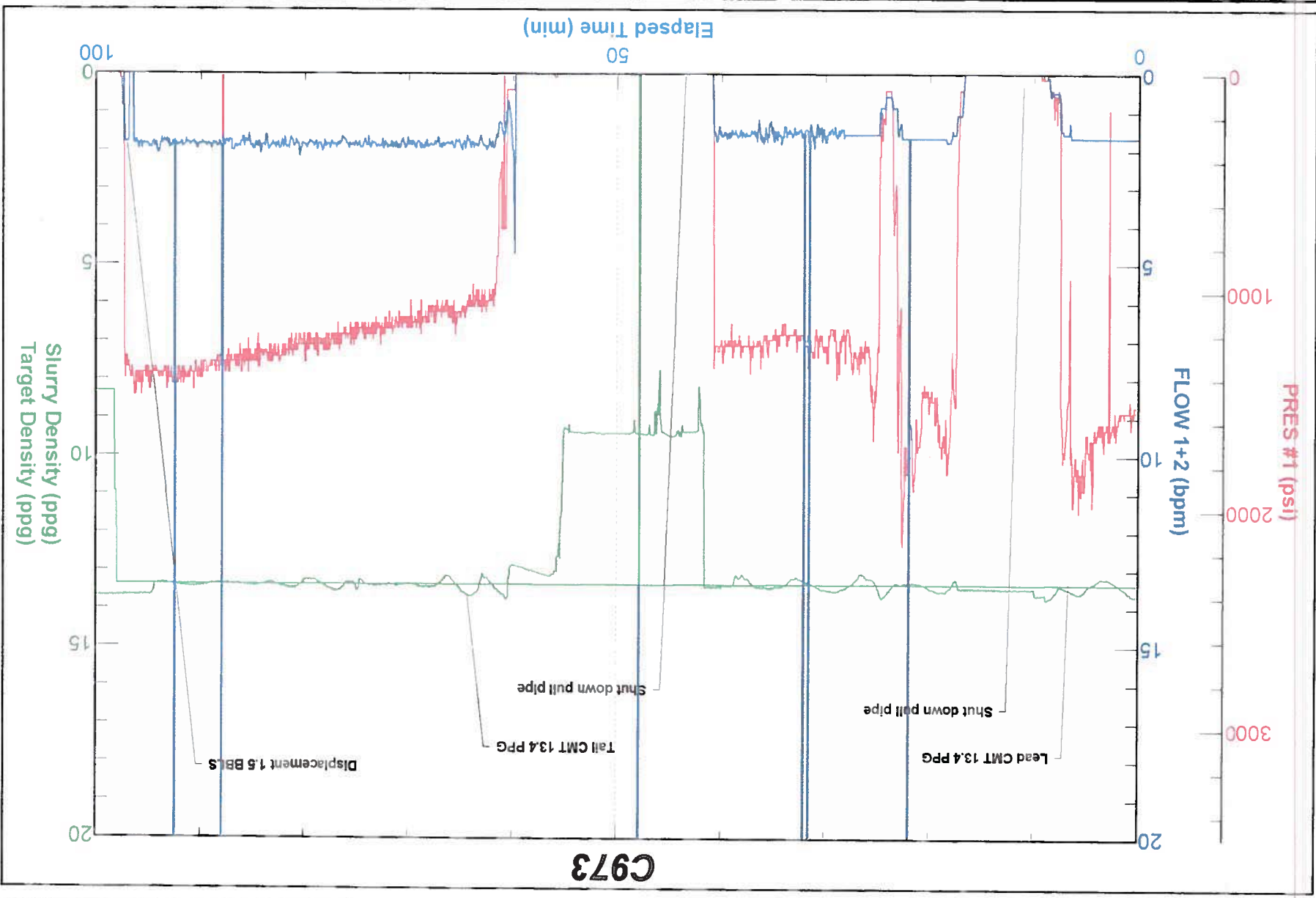


C973





CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT				DATE 17-JUL-12		F.R. # 1001922872		SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME GUTTERSEN #31-13 - API 05123262790000				LOCATION SEC 13 - 3 N - 64 W		COUNTRY-PARISH-BLOCK Weld Colorado			
DISTRICT Bouillon				DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Job			
SIZE & TYPE OF PLUGS				LIST-CSG-HARDWARE		MECHANICAL BARRIERS		HANGER TYPES	
PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT		SLURRY WGT PPG		SLURRY YLD FT³	
MATERIALS FURNISHED BY BJ		LAB REPORT NO.							
Mud Clean II		0		0		8.34		0	
Premium Lite Cement + Addis		0		290		13.4		1.55	
Fresh Water		0		0		8.34		0	
Clay treat water		0		0		8.3		0	
Premium Lite cement + additives		0		355		13.4		1.55	
Available Mix Water		500		Bbl.		Available Displ. Fluid		150 Bbl.	
								TOTAL	
								199.05 120.87	
HOLE TBG-CSG-D.P. COLLAR DEPTHS									
SIZE		% EXCESS		DEPTH		ID OD		WGT	
9		0		3000		4 4.5		11.6 CSG	
								3000 J-55	
LAST CASING PKR-CMT RET-BR PL-LINER BRAND & TYPE									
ID OD		WGT		MD TVD		DEPTH		TOP BTM	
8.1 8.63		24 CSG		655 655		No packer		0 0	
								1.315 8RD	
DISPL. VOLUME									
VOLUME		UOM		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
1.5		BBLs				0		0	
						0		2952	
								2000	
								6224	
								2000	
								Transport	
Circulation Prior to Job									
Circulated Well:		Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 1 BPM			
Mud Density In: 8.34 LBS/GAL		Mud Density Out: 8.34 LBS/GAL		PV & YP Mud In:		PV & YP Mud Out:			
Gas Present: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		Solids Present at End of Circulation:		NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displacement And Mud Removal									
Displaced By:		Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 0 BBLs					
Returns During Job:		<input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: Visual					
Cement Returns at Surface:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface:		<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Pipe Movement:		<input type="checkbox"/> ROTATION <input checked="" type="checkbox"/> RECIPROCACTION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers:		<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through:		<input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD							
Plugs									
Number of Attempts by BJ: 0		Competition: 0		Wiper Bails Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: 0 FT		Bottom of Plug: 0 FT					
Squeezes (Update Original Treatment Report for Primary Job)									
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>									
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		Fluid Weight: 0 LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)									
Casing Test Pressure: 0 PSI		With 0 LBS/GAL		Mud		Time Held: 00 Hours 00 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None									
PRESSURE/RATE DETAIL					EXPLANATION				

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMMW: 0 LBS/GAL Actual EMMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

None

PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PIPE	PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	X	CO. REP.	X
						TEST LINES	4563 PSI		
						CIRCULATING WELL - RIG	X	BJ	
07:30	0	0	0	0	N/A	Arrive on location 35 miles			
07:40	0	0	0	0	N/A	Spot trucks rig			
07:45	0	0	0	0	N/A	Pre rig up safety meeting			
08:00	0	0	0	0	N/A	Pre job safety meeting			
08:16	4563	0	0	0	H2O	Pressure test			
08:21	1529	0	2	10	H2O	Clay care spacer			
08:29	1478	0	2	12	H2O	Mud clean II			
08:35	1478	0	2	10	H2O	Clay care spacer			
08:40	1503	0	1.7	40	CMT	Batch up weigh and pump 180 sxs of PLC + 0.3% bwoc R-3 + 3% bwoc Gel			
09:05	0	0	0	0	N/A	Shut down do to stuck tubing could not reciprocate pulled 10 joints			
09:12	1733	0	1.7	37	CMT	Batch up weigh and pump 180 sxs of PLC + 0.3% bwoc R-3 + 3% bwoc Gel			
09:36	0	0	0	0	N/A	Pull 32 joints			
09:56	1096	0	1.8	68	CMT	Batch up weigh and pump 355 sxs of PLC + 3% bwoc Gel			
10:32	1351	0	1.8	1.5	H2O	Displacement			
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:		
Y <input type="checkbox"/> N <input type="checkbox"/>		Y <input type="checkbox"/> N <input type="checkbox"/>	8	178.6	0	Y <input type="checkbox"/> N <input type="checkbox"/>			