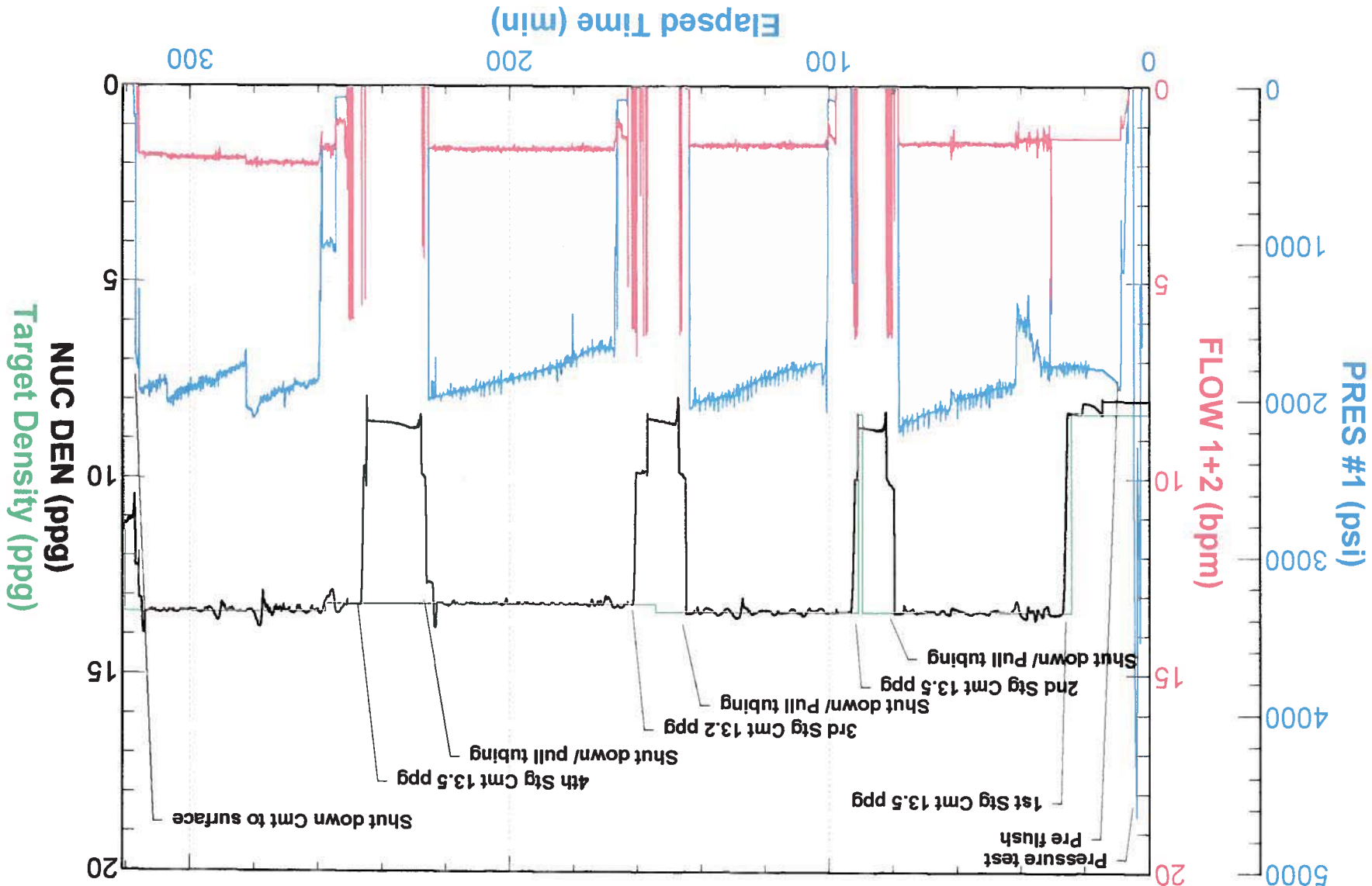




C990



CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT				DATE 03-MAY-12		F.R. # 1001905911		SERV. SUPERV. CHRISTOPHER MCKEON	
LEASE & WELL NAME JOHNSON E #2-22 - API 05123212650000				LOCATION SEC 2 - 5 N - 67 W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Bridgton				DILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Top			
SIZE & TYPE OF PLUGS NA-Squeeze				LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD	

PHYSICAL SLURRY PROPERTIES										
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl Slurry	Bbl MIX WATER
Mud Clean II				0	8.34	0	0	00:00	10	
Premium Lite Cement + Addis		C05-002-12		515	13.4	1.55	7.86	07:01	142.37	96.37
Fresh Water				0	8.34	0	0	00:00	1	
Clay treat water				0	8.3	0	0	00:00	10	
Premium Lite Cement + additives		C05-002-12		925	13.4	1.55	7.87	01:43	255.21	173.43
Available Mix Water	300	Bbl.	Available Displ. Fluid	100	Bbl.	TOTAL			418.58	269.80

HOLE		TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
9	0	6400	4	4.5	10.5 CSG		6400	6400	N-80			
			.742	1.05	1.5 TBG		6375	6375				

LAST CASING													
ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER	DEPTH	TOP	BTM	SIZE	THREAD	WELL FLUID	WGT.
8.1	8.63	24	CSG	415	415	No packer	0	0	0	1.315	8RD	KCL WATER	8.4

DISPL. VOLUME											
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	MIX WATER		
1.5	BLS			0		0	9440	2500	3832	2500	Frac Tank

Circulation Prior to Job									
Circulated Well: Rlg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: .5		Circulation Rate: 2 BPM					
Mud Density In: 8.4 LBS/GAL		Mud Density Out: 8.4 LBS/GAL		PV & YP Mud In: 0					
Gas Present: 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: Rlg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 0 BLS							
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"/> RECIPROCATION <input type="checkbox"/> NONE		UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" 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 checked="" type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD									

Plugs									
Number of Attempts by BJ: 0		Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity: <input type="checkbox"/> YES <input type="checkbox"/> NO			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: 0 FT		Bottom of Plug: 0 FT			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									

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			

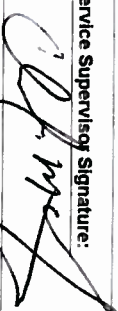
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 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)		
NA		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)		
NA		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)		
NA		

PRESSURERATE DETAIL										EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW			CO. REP.	X		
	PIPE	ANNULUS				TEST LINES	4689 PSI					
						CIRCULATING WELL - RIG			X	BJ		
05:35	0	0	0	0	NA	Arrive location						
05:45	0	0	0	0	NA	Spot trucks						
05:50	0	0	0	0	NA	Rig up safety meeting						
07:00	0	0	0	0	NA	Pre job safety meeting						
07:18	1681	0	0	0	H2O	Low pressure test						
07:20	4689	0	0	0	H2O	High pressure test						
07:23	1792	0	1.3	10	H2O	ClayCare						
07:32	1787	0	1.3	12	H2O	Mud Clean II						
07:40	1785	0	1.3	10	H2O	ClayCare						
07:48	1965	0	1.3	67	CMT	Batch up, weigh and pump 67 bbls PLC + 0.5% R-3 + 3% Bentonite @ 13.4 ppg						
08:35	0	0	0	0	NA	Shut down pull tubing						
08:55	1981	0	1.5	69	CMT	Batch up and pump 69 bbls PLC + 0.5% R-3 + 3% Bentonite @ 13.4 ppg						
09:40	0	0	0	0	NA	Shut down pull tubing						
10:00	1891	0	1.6	99	CMT	Batch up, weigh and pump 99 bbls PLC + 3% Bentonite @ 13.4 ppg/ Pumped @ 13.2 ppg per customer request.						
11:02	0	0	0	0	NA	Shut down pull tubing						
11:28	2031	0	1.8	120	CMT	Batch up and pump 120 bbls PLC + 3% Bentonite @ 13.4 ppg						
12:45	1953	0	1.5	1.5	H2O	Displace						
12:46	0	0	0	0	NA	Shut down/ wash up						
13:05	0	0	0	0	NA	Rig down safety meeting						
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 checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	7	388.5	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>						