

CEMENT JOB REPORT



CUSTOMER Kerr McGee Rocky Mountain Co		DATE 01-AUG-11	F.R. # 1001841449		SERV. SUPV. BARLEN M JOYNER			
LEASE & WELL NAME LEE #25-6 - API 05123332870000		LOCATION 6-2N-65W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme 15			TYPE OF JOB Plug Back			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
		NA-P&A	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ									
Fresh Water			0	8.34	0	0	00:00	20	
50:50 Poz:G + Adds			160	14.6	1.38	5.90	02:30	39.31	22.47
Fresh Water			0	8.34	0	0	00:00	4.6	
Drilling Mud			0	9.6	0	0	00:00	72.4	
Fresh Water			0	8.34	0	0	00:00	20	
Class "G" + Adds			195	17	0.99	3.76	00:00	34.38	17.42
Fresh Water			0	8.34	0	0	00:00	4.6	
Drilling Mud			0	9.3	0	0	00:00	42.2	
Mud Clean I			0	8.34	0	0	00:00	0	
Fresh Water			0	8.34	0	0	00:00	20	
Fresh Water			0	8.34	0	0	00:00	4.6	
Drilling Mud			0	9.3	0	0	00:00	36	
50:50 + ads			110	14.6	1.38	5.9	00:00	27.04	15.45
Available Mix Water 500 Bbl. Available Displ. Fluid 400 Bbl.			TOTAL					325.13	55.34

HOLE			TBG-CSG-D.P.			COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	GRADE	SHOE	FLOAT	STAGE
8	0	8309	4	14.69	DP	7790 S-95			0

LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
				No Liner	0	0	0	4	X HOLE	WATER BASED MU	9.3

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
72.4	BBLS	Drilling Mud	9.6	0	0	0	0	0	0	0	0	1000			Rig Tank
		Drilling Mud	9.3												

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1 Circulation Rate: 6 BPM	
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL		PV & YP Mud In: 41 PV & YP Mud Out: 41	
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: 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" 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 checked="" type="checkbox"/> NO MANIFOLD			

Plugs			
Number of Attempts by BJ: 3 Competition: 3		Wiper Balls 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: 7137 FT Bottom of Plug: 7790 FT	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

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Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☒
 Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

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)
 None

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

BACTHING UP CEMENT AFTER PRE-FLUSH ON THE FIRST PLUG, HAD PROBLEMS WITH THE MICRO MOTION AND THEN PRODUCT DELIVERY. CIRCULATED CEMENT OUT OF THE HOLE. GOT A NEW CEMENT PUMP AND MORE CEMENT TO START THE JOB OVER AGAIN FROM SCRATCH. GOT THE SECOND PUMP OUT HERE AND IT HAD ISSUES AS WELL AND COULD NOT BE USED FOR THE JOB, ANOTHER PUMP WAS BROUGHT OUT.

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

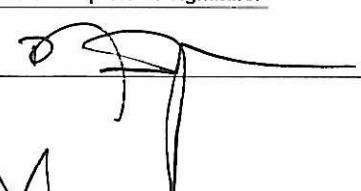
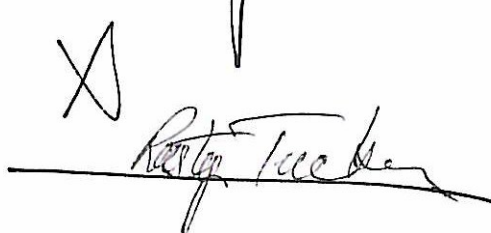
PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
						TEST LINES 2787 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
02:00	0	0	0	0	N/A	YARD CALL
05:25	0	0	0	0	N/A	ARRIVE ON LOCATION
05:55	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING
06:45	0	0	0	0	N/A	SAFETY MEETING
08:00	0	0	0	0	N/A	CEMENT PUMP ISSUES, HAD TO REPLACE EQUIPMENT
12:53	2787	0	0	0	WATER	PRESSURE TEST
12:55	473	0	6	20	WATER	FRESH WATER SPACER
12:59	611	0	6.1	39	CMT	BATCH UP, WEIGH AND PUMP 160 SX OF (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 PPG
13:12	17	0	4.8	4.6	WATER	START DISPLACEMENT
13:14	77	0	6	74	MUD	SWITCH TO MUD
13:29	0	0	0	0	N/A	BALANCE PLUG
13:32	0	0	0	0	N/A	PULL PIPE
15:30	300	0	6	20	WATER	FRESH WATER SPACER
15:34	450	0	6.1	26	CMT	BATCH UP, WEIGH AND PUMP 110 SX OF (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 PPG
15:48	13	0	4.8	4.6	WATER	START DISPLACEMENT
15:49	81	0	6	40	MUD	SWITCH TO MUD
15:56	0	0	0	0	N/A	BALANCE PLUG
16:46	330	0	6	20	WATER	FRESH WATER SPACER
16:51	114	0	3.8	32	CMT	BATCH UP, WEIGH AND PUMP 195 SX OF CLASS G + 0.75% CD-32 @ 17 PPG
17:06	6	0	4.8	4.6	WATER	START DISPLACEMENT
17:07	44	0	6	35	MUD	SWITCH TO MUD
17:13	0	0	0	0	N/A	BALANCE PLUG
17:15	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING
18:00	0	0	0	0	N/A	TIME OFF LOCATION
05:00	0	0	0	0	N/A	TIME SPENT WAITING ON BHI (FIVE HOURS)

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TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2787 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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"/> 0		319.8	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	 



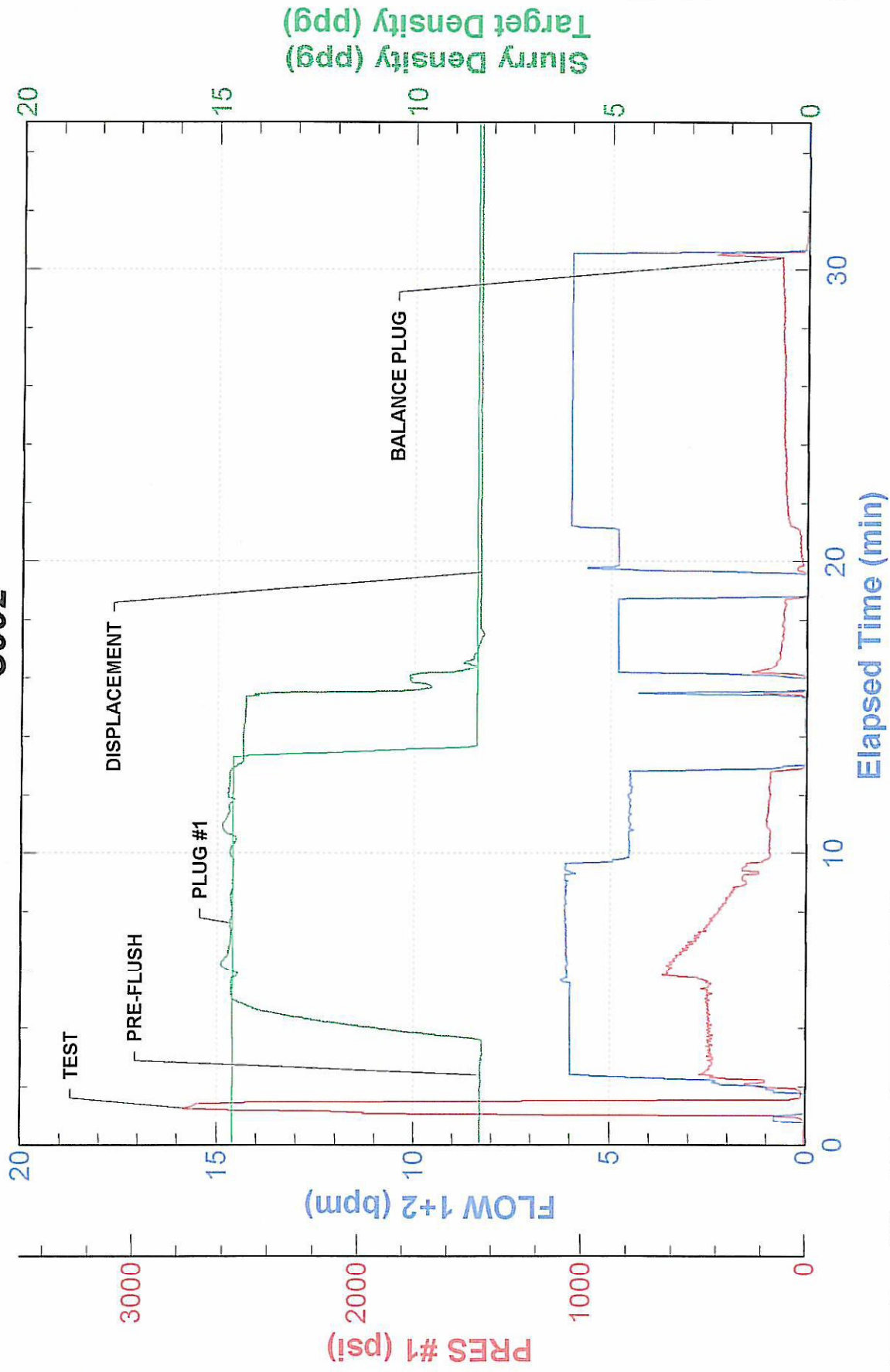
BJ Services JobMaster Program Version 3.50

Job Number: 1001841449

Customer: KMG

Well Name: Lee 25-6

C992





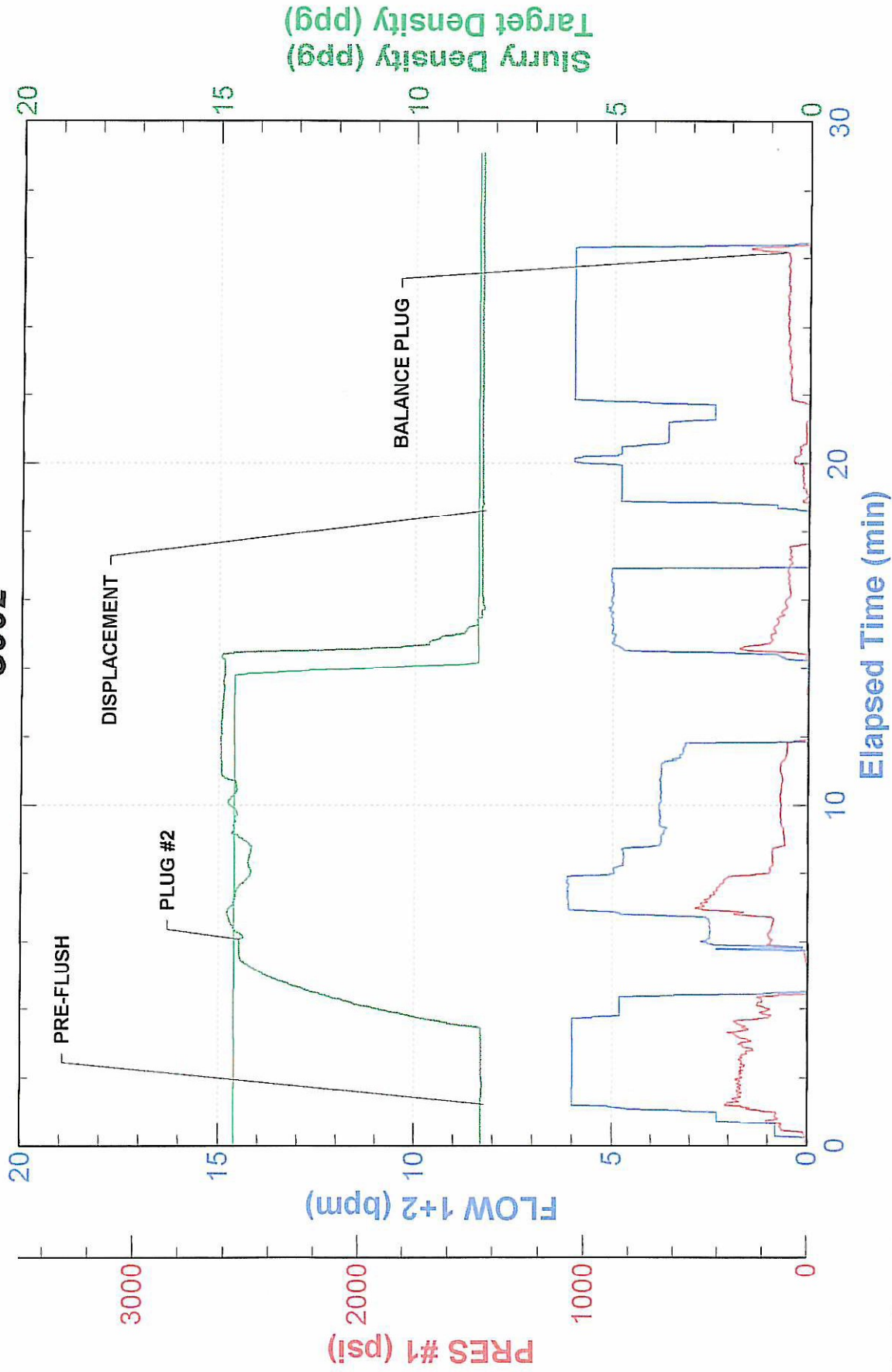
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