

# CEMENT JOB REPORT



<b>CUSTOMER</b> PETROLEUM DEVELOPMENT		<b>DATE</b> 07-MAY-13		<b>F.R. #</b> 1001984192		<b>SERV. SUPV.</b> STEVEN S ISCHE	
<b>LEASE &amp; WELL NAME</b> GOODELL #1 - API 05123074170000		<b>LOCATION</b> 21-7N-66W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> WO		<b>TYPE OF JOB</b> Plug & Abandon			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>
NONE				NONE		0	0
						<b>HANGER TYPES</b>	<b>MD</b> <b>TVD</b>
						NONE	0 0
<b>PHYSICAL SLURRY PROPERTIES</b>							
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>	<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>
WATER BASED MUD		N/A	0	8.34	0	0	00:00
Class G		C0413013	55	15.8	1.15	5.00	01:11
Fresh Water		N/A	0	8.34	0	0	00:00
Fresh Water		N/A	0	8.34	0	0	00:00
Premium Lite		C0413013	235	13.4	1.55	7.87	02:05
Fresh Water		N/A	0	8.34	0	0	00:00
Premium Lite		C0413013	390	13.4	1.55	7.87	02:05
WATER BASED MUD		N/A	0	8.34	0	0	00:00
Available Mix Water		450 Bbl.	Available Displ. Fluid		205 Bbl.	<b>TOTAL</b>	
						291 130.95	
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b> <b>TVD</b> <b>GRADE</b>
10	0	7100	8.097	8.625	24	CSG	291 291 J-55
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b> <b>TOP</b> <b>BTM</b>
8.9	9.63	36	CSG	875	875	NO PACKER	0 0 0
						<b>SIZE</b>	<b>THREAD</b>
						2.875	8RD
						<b>WELL FLUID</b>	
						WATER BASED	
						9.5	
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
41.5	BBLS	WATER BASED MU	8.34	0	0	0	8456
		WATER BASED MU	8.34				2000
						<b>MAX CSG PSI</b>	
						<b>RATED</b> <b>Operator</b>	
						0 0	
						<b>MIX WATER</b>	
						FRAC TANK	
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 3		Circulation Rate: 3 BPM	
Mud Density In: 9.5 LBS/GAL				Mud Density Out: 9.5 LBS/GAL		PV & YP Mud In: 0	
						PV & YP Mud Out: 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"/>	
<b>Displacement And Mud Removal</b>							
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"/> RECIPROCATION <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 checked="" type="checkbox"/> NO MANIFOLD							
<b>Plugs</b>							
Number of Attempts by BJ:				Competition:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
						Top of Plug: FT	
						Bottom of Plug: FT	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 0 PSI		With 0 LBS/GAL		Mud		Time Held: 00 Hours 00 Minutes	

# 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)  
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NONE

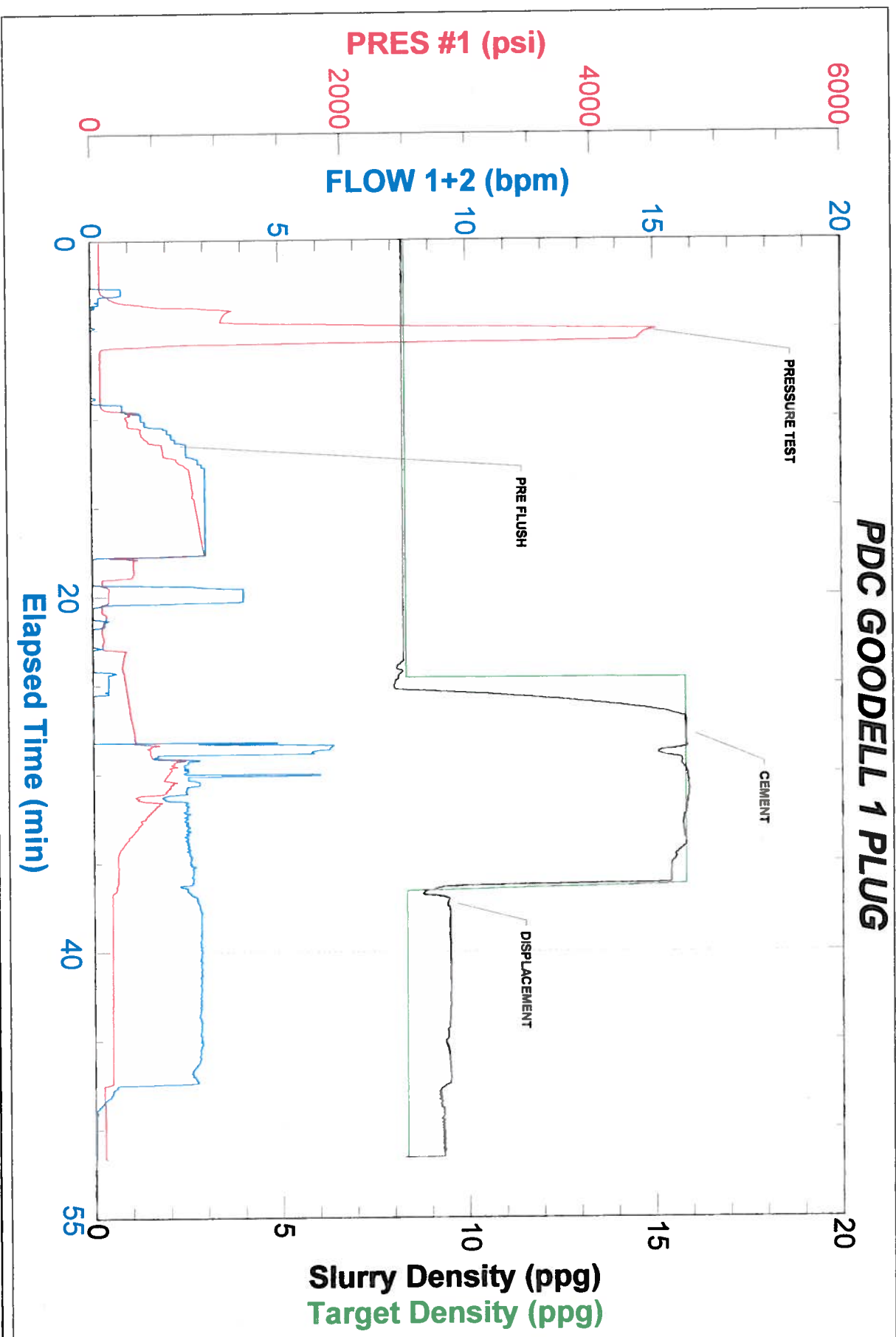
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NONE

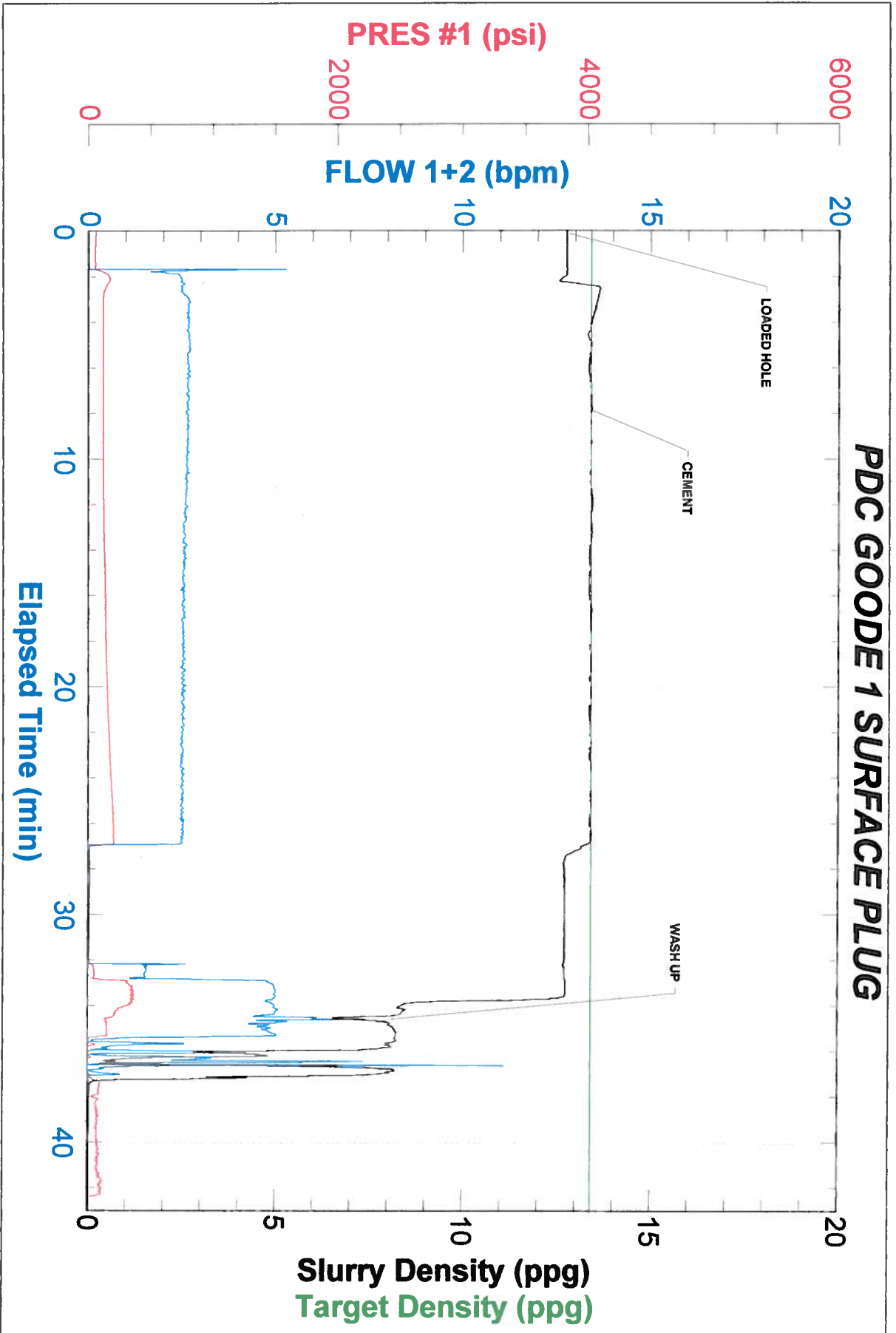
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

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 4529 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
01:30	0	0	0	0	N/A	YARD CALL			
03:30	0	0	0	0	N/A	LEAVE YARD			
04:35	0	0	0	0	N/A	AT LOCATION			
04:40	0	0	0	0	N/A	SPOT TRUCKS			
04:55	0	0	0	0	N/A	PRE RIG UP SAFTY MEETING			
06:03	0	0	0	0	N/A	SAFTY MEETING WITH CREW			
06:31	4529	0	0	0	H2O	PRESSURE TEST			
06:34	567	0	2.5	5	H2O	SPACER			
06:37	804	0	3	12	H2O	MUD CLEAN 1			
06:41	854	0	3	5	H2O	SPACER			
06:48	452	0	2.5	23	CEMENT	BATCH UP, WEIGH AND SEND CEMENT			
07:02	139	0	2.8	31	WATER B/	DISPLACEMENT			
07:16	0	0	0	0	N/A	SHUT DOWN AND EQUALIZE AND WAIT TO TAG CEMENT			
11:34	854	0	2	11	H2O	PRE FLUSH			
11:46	244	0	3.3	108	CEMENT	BATCH UP AND SEND CEMENT			
12:21	162	0	3.3	18.5	WATER B/	DISPLACEMENT			
12:30	0	0	0	0	N/A	SHUT DOWN AND EQUALIZE AND WAIT WHILE PULLING TUBING			
14:25	147	0	2.5	13	H2O	PRE FLUSH			
14:32	196	0	2.6	65	CEMENT	BATCH UP AND SEND CEMENT			
14:58	0	0	0	0	N/A	SHUT DOWN AND MOVE TO WASH UP TANK			
15:15	0	0	0	0	N/A	RIG DOWN SAFTY MEETING			
16:30	0	0	0	0	N/A	LEAVE LOCATION			
BUMPED PLUG Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 3	TOTAL BBL. PUMPED 292	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Service Supervisor Signature: 		



Baker Hughes JobMaster Program Version 3.60  
Job Number: 1001984192  
Customer: PDC  
Well Name: GOODELL 1







Baker Hughes JobMaster Program Version 3.60  
Job Number: 1001984192  
Customer: PDC  
Well Name: GOODELL 1

