

# CEMENT JOB REPORT



<b>CUSTOMER</b> PETROLEUM DEVELOPMENT		<b>DATE</b> 20-JUL-12		<b>F.R. #</b> 1001923373		<b>SERV. SUPV.</b> BARLEN M JOYNER					
<b>LEASE &amp; WELL NAME</b> SEELE #42-31 - API 05123202800000		<b>LOCATION</b> SEC 31 - 4 N - 67 W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> BWS #008		<b>TYPE OF JOB</b> Squeeze-Top							
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD TVD HANGER TYPES MD TVD</b>					
NONE		No Shoe		NONE		0 0 NONE 0 0					
<b>MATERIALS FURNISHED BY BJ</b>				<b>PHYSICAL SLURRY PROPERTIES</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>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Mud Clean II				0	8.34	0	0	00:00	10		
Premium Lite Cement + Adds				950	13.4	1.55	7.86	04:37	262.52	177.84	
Fresh Water				0	8.34	0	0	00:00	3.2		
Clay treat water				0	8.3	0	0	00:00	10		
Premium Lite cement + additives				445	13.4	1.55	7.87	01:11	122.84	83.48	
Available Mix Water 400 Bbl. Available Displ. Fluid 100 Bbl.						<b>TOTAL</b>		408.56		261.32	
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>		<b>COLLAR DEPTHS</b>							
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
9	0	6521	4 4.5	11.6	CSG	6500	6500	N-80	0	0	0
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</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>	<b>SIZE</b>	<b>THREAD</b>
8.1	8.63	24	CSG	409	409	NO LINER	0	0	0	2.235	8RD
<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>TYP</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>	<b>MIX WATER</b>
3.2	BBLS	Fresh Water	8.34	0	0	0	7700	2000	0	0	TRANSPORT
<b>Circulation Prior to Job</b>											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: 0 BPM			
Mud Density In: 9 LBS/GAL Mud Density Out: 9 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 type="checkbox"/> RECIPROICATION <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											
<b>Plugs</b>											
Number of Attempts by BJ: 0 Competition: 0				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: 0 FT				Bottom of Plug: 0 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			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE											
PRESSURE/RATE DETAIL						EXPLANATION					

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## 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)  
 KNIFE GATE KEPT STICKING AND THE PRODUCT HOSES KEPT PACKING OFF.

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	3250 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:00	0	0	0	0	N/A	YARD CALL	
06:40	0	0	0	0	N/A	ARRIVE ON LOCATION (28 MILES) NO ONE ON LOCATION	
06:45	0	0	0	0	N/A	SPOT TRUCKS	
06:51	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
07:21	0	0	0	0	N/A	SAFETY MEETING	
07:47	3250	0	0	0	WATER	PRESSURE TEST	
07:49	2009	0	1.3	10	WATER	MUD CLEAN II	
08:00	1964	0	1.3	10	WATER	FRESH WATER SPACER	
08:14	1964	0	1.5	59	CMT	BATCH UP, WEIGH AND PUMP 213 SX OF PLC + 0.4% R-3 + 3% BENTONITE @ 13.4 PPG	
08:55	2211	0	1.4	.5	WATER	DISPLACEMENT	
08:57	0	0	0	0	N/A	PULL TUBING	
09:18	2206	0	1.5	95	CMT	BATCH UP, WEIGH AND PUMP 347 SX OF PLC + 0.4% R-3 + 3% BENTONITE @ 13.4 PPG	
10:26	2199	0	1.4	2.4	WATER	DISPLACEMENT	
10:29	0	0	0	0	N/A	PULL TUBING	
10:57	1955	0	1.6	106	CMT	BATCH UP, WEIGH AND PUMP 390 SX OF PLC + 0.4% R-3 + 3% BENTONITE @ 13.4 PPG	
12:09	2140	0	1.6	3.2	WATER	DISPLACEMENT	
12:14	0	0	0	0	N/A	PULL TUBING	
12:45	1921	0	2.1	100	CMT	BATCH UP, WEIGH AND PUMP 445 SX OF PLC + 3% BENTONITE @ 13.4 PPG	
13:54	0	0	0	0	N/A	JOB DONE	
14:10	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
14:30	0	0	0	0	N/A	TIME OFF LOCATION	

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	3	386	0	Y <input checked="" type="checkbox"/> N	

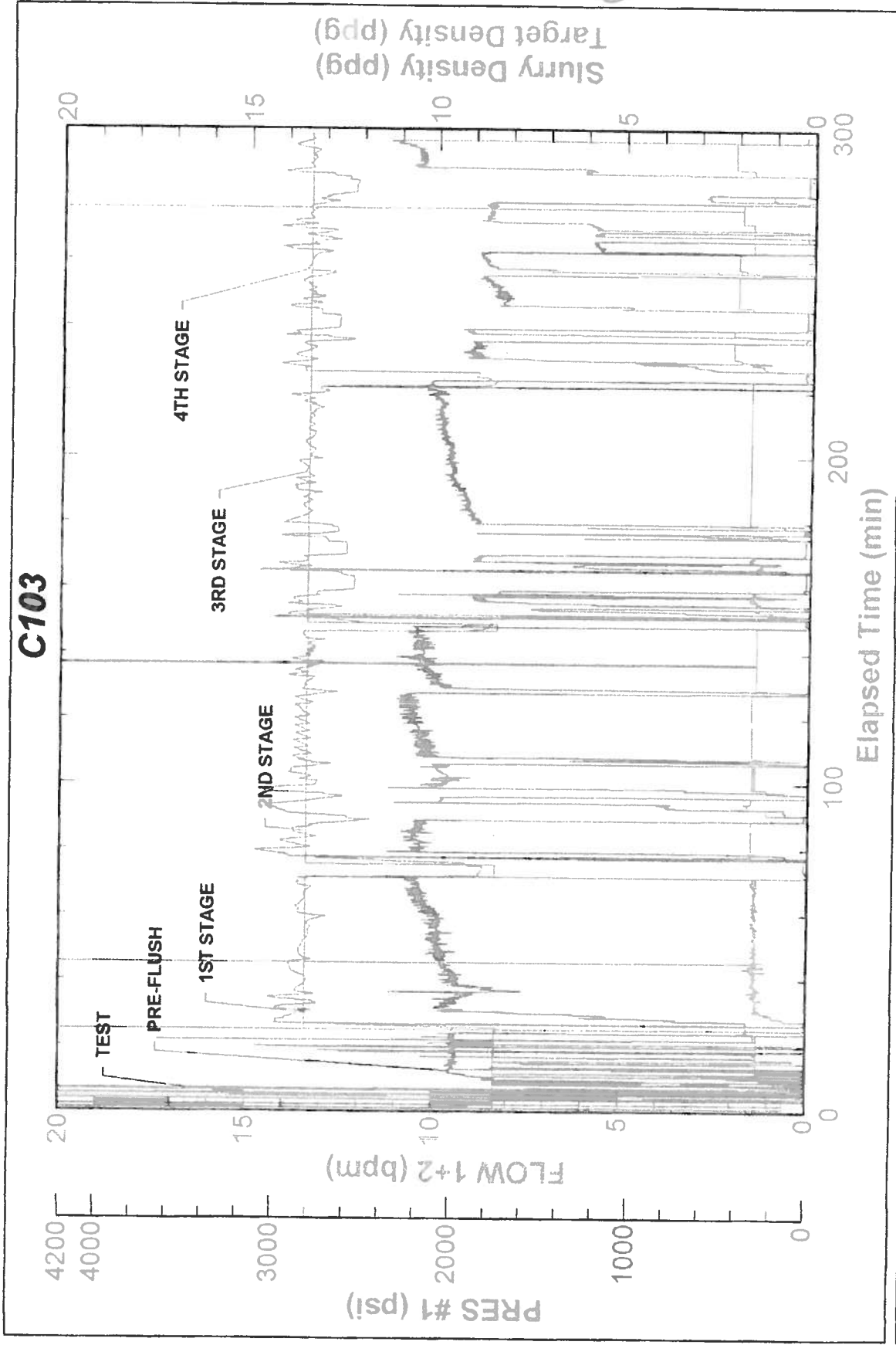


BJ Services JobMaster Program Version 3.50

Job Number: 1001923373

Customer: PDC

Well Name: Seele 42-31



BJ Services

Job Start: Friday, July 20, 2012

