

CEMENTER'S WELL SERVICE, INC.
P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

200147

9/13/11 Well Owner **ST. James Energy** Well No. **4-24** Lease **Larson Farms**
by **Weld** State **Colorado** Field
ge to **Code Drilling, LLC** Charge Code
ess **3450 WCR 27 #2 (Cade #22)** For Office
State **FT. Lupton, Colorado 80621**
p Truck No. **1208** Code Bulk Truck No. **1207/1218** Code
: of Job Depth Ft. **784** To
ace **8 5/8" CSB-24"** Bottom of Surface Ft. **772** To
duction Plug Landed @ **730** Ft. Time On **2200**
Pipe Landed @ **772** Ft. Time Off **Plug Down 0230**

Reference No.	Description	Qty.	Meas.	Unit Price
	Pump Truck Charge			
	Cement Neat ✓	540	SKS	
	Poz. Mix	3%		
	Calcium Chloride			
	Gel % Flo-Cele $\frac{1}{4}$ #Per Sack			
	Handling Charge			
	Hauling Charge			
	Additional Cement			
8 5/8"	Centralizers	3		
	Guide Shoe	1		
	Baffle Plate	1		
	Box thread lock	1		
	Mixing Rate - 4 BPM / Displacement Rate - 4 BPM			
	Slurry Vol - 1.18 CU FT / SK - Slurry WT 15.2 PPG			
	Total Slurry Vol 113.4 BBS Cement			
	Landed Plug @ 400 PSI / Water Temp 65° F			

Remarks: **Pre-Flush w/ 30 BBS H²O** Tax Reference Code Sub Total
Displace w/ 46.4 BBS H²O State **CO 2.9 %** Tax
Circulate 4 BBS Cement Disc. Total
Truck No. Code State Mileage Nebraska Colorado Wyoming Other
1208 Pump Truck **30**
1207/1218 Bulk Truck **30/30**

...for any damage or conditions resulting from our services. All pricing is subject to review and revision.

CEMENT JOB REPORT



CUSTOMER ST JAMES ENERGY		DATE 17-SEP-11		F.R. # 1001853639		SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME LARSON FARMS #4-24 - API 05123341480000		LOCATION 24-6N-64W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
Latch Down Plug & Assembly, 4-1/2		Float Collar, AI Flap, 4-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
		Float Shoe 4-1/2 - 8rd					
MATERIALS FURNISHED BY BJ							
50:50+.4%FL52+3%Gel+.1%SMS+20%SF				145	13.5	1.71	8.30
ClayCare water				0	8.34	0	00:00
ClayCare water				0	8.34	0	00:00
PL+.25%R3+.4%FL52+3%Gel				831	12.5	1.89	03:00
Mud Clean I				0	8.3	0	00:00
ClayCare water				0	8.3	0	00:00
Surfactant Wash				0	8.34	0	00:00
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL		519.97	233.87
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875	0	7491	4.5	11.6	CSG	7485	N-80
						7485	7470
							0
LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
8.625	24	CSG	750	No Liner		0	0
						4.5	8RD
							WATER BASED MU
							9.3
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
116.1	BBLS	ClayCare water	8.34	1655	0	0	0
							0
							6224
							3000
							Rig Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL			
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: 1 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 48			
				Type: <input checked="" 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 type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls 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: 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							

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

PRESSURE/RATE DETAIL

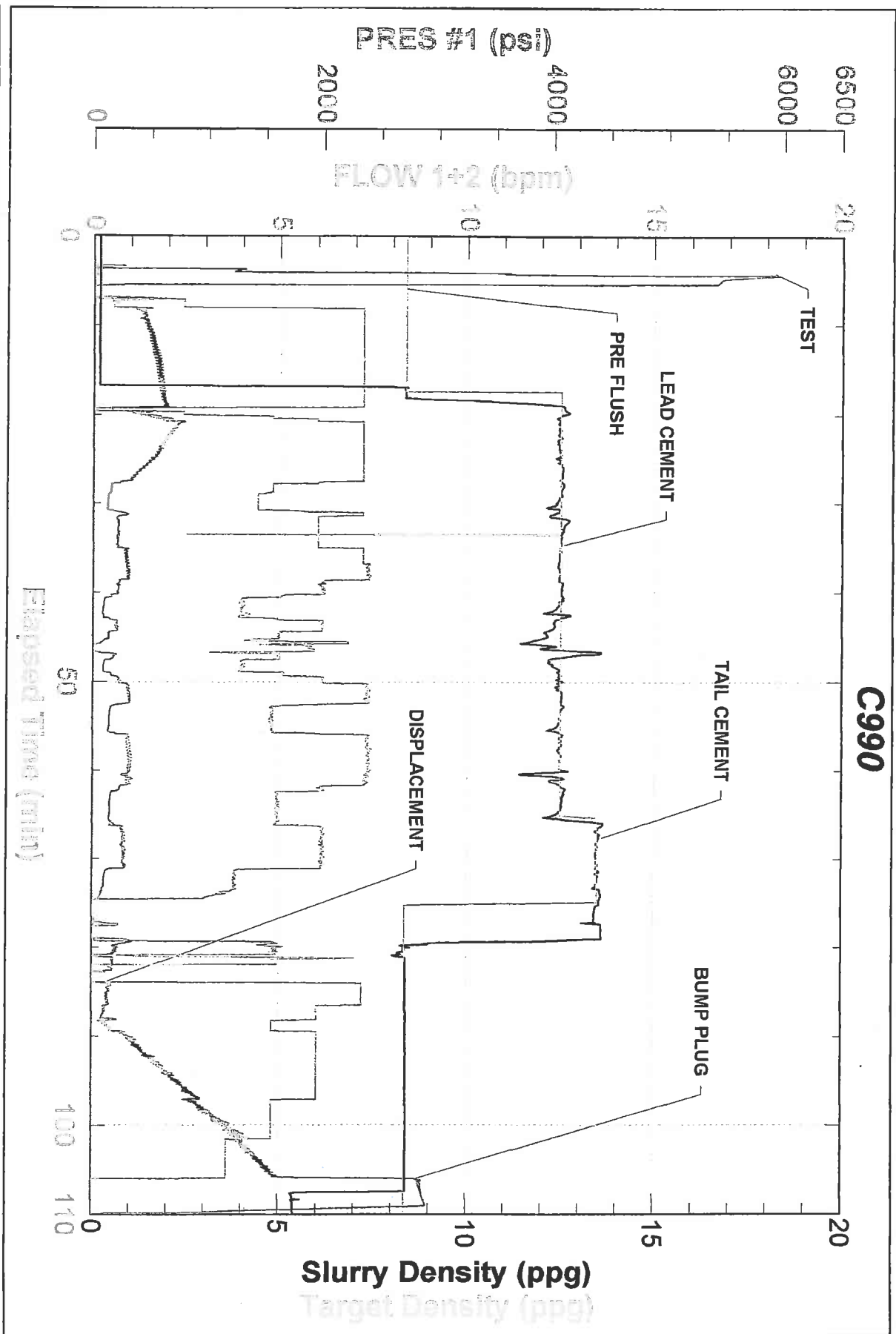
EXPLANATION

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	5941 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
20:45	0	0	0	0	N/A	TEST WATER	
21:15	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
21:48	5941	0	0	0	WATER	PRESSURE TEST PUMPS AND LINES	
21:52	450	0	7.2	20	WATER	FRESH WATER + CLAY CARE	
21:55	495	0	7.2	20	WATER	MUD CLEAN I SPACER	
21:58	593	0	7.2	20	WATER	SURFACTANT WASH	
22:01	603	0	7.2	20	WATER	FRESH WATER + CLAY CARE	
22:04	716	0	7.2	276	CMT	BATCH UP, WEIGH AND PUMP 831 SX OF PLC + 0.4% FL-52 + 3% BENTONITE + 0.25% R-3 @ 12.5 PPG	
22:44	207	0	6	45	CMT	BATCH UP, WEIGH AND PUMP 145 SX OF 50/50 POZ/CLASS G + 0.4% FL-52 + 3% BENTONITE + 0.1% SMS + 20% S-8 @ 13.5 PPG	
22:59	0	0	0	0	N/A	DROP PLUG AND WASH PUMPS AND LINES	
23:09	583	0	7.2	30	WATER	DISPLACEMENT FRESH WATER + CLAY CARE	
23:17	936	0	6	50	WATER	DROP RATE	
23:22	1080	0	4.8	20	WATER	DROP RATE	
23:26	1600	0	3.6	16	WATER	DROP RATE	
23:30	2863	0	3.6	116	WATER	BUMP PLUG @ 116 BBLs	
23:34	0	0	0	0	N/A	CHECK FLOATS	
23:35	0	0	0	0	N/A	PRE 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2863	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	517	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50
Job Number: 1001853639
Customer: St James Energy
Well Name: Larson Farms 4-24



BJ Services Company



Report Printed on September 17, 2011 9:49 PM

BJ Services Company

Report Printed on: 2014-07-17 2:49 PM