

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

OUR INVOICE

201054

Date 11/14/12	Well Owner Great Western	Well No. 25-7D	Lease DeHeer
County Weld	State Colorado	Field	
Charge to CADE Drilling, LLC	Charge Code		
Address 3450 WCR 27 #2 (CADE 25)	For Office Use Only		
City, State FT. Lupton Colorado 80621			
Pump Truck No. 1208	Code	Bulk Truck No. 1214	Code
Type of Job	Depth	Ft. 655	To
Surface 8 5/8" CSB-24"	Bottom of Surface	Ft. 645	To
Plug	Plug Landed @ 603	Ft.	Time On 0440
Production	Pipe Landed @ 645	Ft.	Time Off Plug Down 0630

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	460	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele 7 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
8 5/8"	Centralizers	3			
	Cement Basket	1			
	Guide Shoe	1			
	Baffle Plate	1			
	Box Threadlock	1			
	Mix Rate 4 BPM	Slurry Vol - 1.18 FT³/SK - water Temp			
	Disp Rate 5 BPM	Slurry WT 15.2 PPG			
	Plug landed @ 300 PSI	Total Slurry Vol - 96.6 BBL Cement			
Remarks: Pre-Flush w/ 20 BBL H₂O	Tax Reference Code	Sub Total			
Displace w/ 38.3 BBL H₂O	State CO 2.9 %	Tax			
Circulate 4 BBL Cement	Disc.	Total			

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1208		Pump Truck		28			
1214		Bulk Truck		28			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By **Toshio, Coan, Steve & Nathan**

Received By

Customer or His Agent



FIELD RECEIPT NO. 1001948805

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229286		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 11	DAY 17	YEAR 2012	BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 0512335550000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,464		WELL CLASS : Gas				
WELL NAME AND NUMBER DETFERER FD #25-7D					TD WELL DEPTH (ft) 7,495		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 25-6N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	153	29.700	4,544.10	55%	2,044.85	
100120	Bentonite				lbs	1062	0.500	531.00	55%	238.95	
100121	Silica Flour				lbs	5124	0.530	2,715.72	55%	1,222.07	
100275	Sodium Metasilicate				lbs	186	3.900	725.40	55%	326.43	
100317	Poz (Fly Ash)				sacks	153	13.200	2,019.60	55%	908.82	
398108	Mud Clean II				gals	840	1.610	1,352.40	55%	608.58	
398224	Premium Lite Cement				sacks	305	24.050	7,335.25	55%	3,300.86	
488013	CD-32				lbs	77	12.650	974.05	55%	438.32	
488015	FL-52				lbs	103	25.600	2,636.80	55%	1,186.56	
488019	FP-6L				gals	6	99.250	595.50	55%	267.98	
488353	CSE-2				lbs	2440	1.610	3,928.40	55%	1,767.78	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	8	140.000	1,120.00	55%	504.00	
SUB-TOTAL FOR Product Material								28,478.22	55.00%	12,815.20	
ARRIVE LOCATION : 11 17 2012 05:16					SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. MATT JOHNSON					CUSTOMER AUTHORIZED AGENT X					CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT X					BHI APPROVED	



FIELD RECEIPT NO. 1001948805

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 002292866		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 11	DAY 17	YEAR 2012	BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 0512335550000		WELL TYPE : New Well		
DISTRICT B.J.S. BRIGHTON					JOB DEPTH (ft) 7,484		WELL CLASS : Gas				
WELL NAME AND NUMBER DEETTERER FD #25-7D					TD WELL DEPTH (ft) 7,495		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 25-6N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	161.500	161.50	0%	161.50	
M100	Bulk Materials Blending Charge				cu ft	785	4.170	3,273.45	55%	1,473.05	
SUB-TOTAL FOR Service Charges											
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	7,925.000	7,925.00	55%	3,566.25	
F090	Fuel per pump charge - cement				pump/hr	4	61.000	244.00	0%	244.00	
J050	Cement Head				job	1	635.000	635.00	55%	285.75	
J225	Data Acquisition, Cement, Standard				job	1	1,635.000	1,635.00	55%	735.75	
J390	Mileage, Heavy Vehicle				miles	80	9.100	728.00	55%	327.60	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	80	5.150	412.00	55%	185.40	
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products				ton-mi	1226	3.030	3,714.78	55%	1,671.65	
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
SUB-TOTAL											
21,466.15											
ARRIVE LOCATION : 11 17 2012 05:16				SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.							
CUSTOMER REP. MATT JOHNSON				CUSTOMER AUTHORIZED AGENT X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED X							

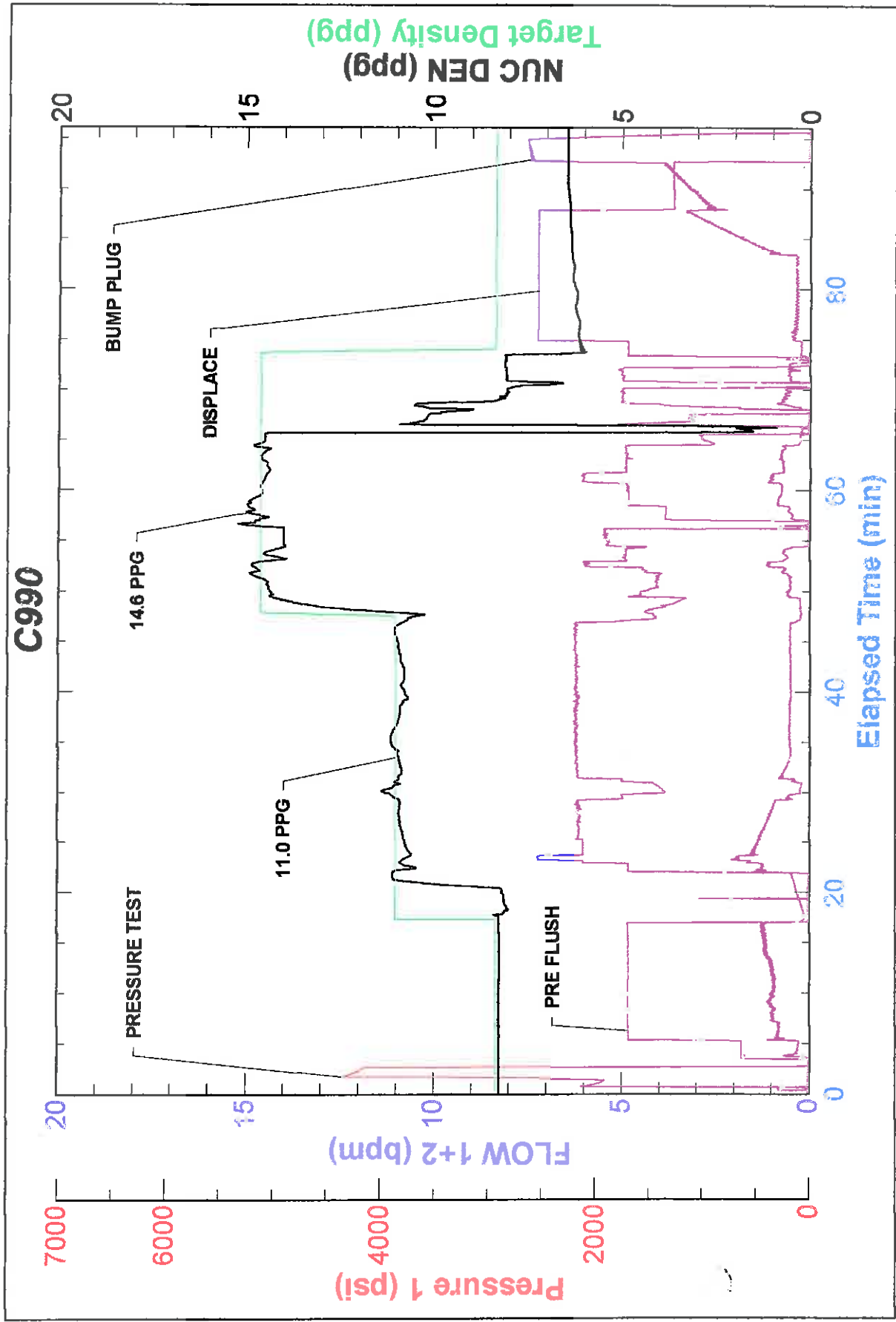


BJ Services JobMaster Program Version 3.50

Job Number: 1001948805

Customer: GREAT WESTERN

Well Name: DETTERER FD 25-7D



BJ Services

Job Start: Saturday, November 17, 2012

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 17-NOV-12	F.R. # 1001948805	SERV. SUPV. REESE A ANDERSON	
LEASE & WELL NAME DETERER FD #25-7D - API 05123355550000		LOCATION 25-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 25		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 4-1/2 in	Float Collar, Auto Fill, 4-1/2 - 8rd				
	Float Shoe 4-1/2 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Treated Water	0	0	0	0	00:00
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF		305	14.6	1.38	5.90
Treated Water	0	0	8.34	0	00:00
Mud Clean II	0		8.5	0	00:00
Treated Water	0	0	8.34	0	00:00
PLC+4%Gel+.6%SMS+8#/skCSE2		305	11	3.22	19.86
Available Mix Water 450 Bbl.	Available Displ. Fluid 450 Bbl.	TOTAL		425.83	187.33
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	20	7492	4	4.5	11.6
			CSG		7492
					7265
					N-80
					7464
					7424
					7450
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT.	TYPE	MD	TVD
8.1	8.63	24	CSG	601	600
		NO PACKER		0	0
				0	0
				4.5	8 RD
				WATER BASED	
				9.1	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
115	BBLs	Treated Water	8.34	2500	0
				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: 9.1 LBS/GAL			Mud Density Out: 9.1 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 30		
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		
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			Time Held: 00 Hours 00 Minutes		
With 0 LBS/GAL Mud					
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 4380 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:30	0	0	0	0	NA	YARD CALL	
04:21	0	0	0	0	NA	LEAVE YARD	
05:16	0	0	0	0	NA	ARRIVE ON LOCATION	
06:30	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
07:23	0	0	0	0	NA	SAFETY MEETING	
07:52	0	0	0	0	H2O	PRESSURE TEST	
07:57	338	0	4.8	20	H2O	CLAYCARE SPACER	
08:02	366	0	4.8	20	H2O	MUD CLEAN II	
08:06	384	0	4.8	20	H2O	CLAYCARE SPACER	
08:14	173	0	6.2	173	CMT	305 SACKS 11.0 PPG CEMENT	
08:41	260	0	4.1	76	CMT	305 SACKS 14.6 PPG CEMENT	
09:03	0	0	0	0	NA	DROP PLUG WASH PUMPS AND LINES	
09:07	1223	0	7.2	100	H2O	DISPLACEMENT	
09:22	1341	0	3.6	15	H2O	RATE CHANGE	
09:25	2572	0	3.6	115	H2O	BUMP PLUG	
09:28	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
09:30	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2572	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 425	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: