

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

OUR INVOICE

**201140**

Date <b>1-6-13</b>	Well Owner <b>GREAT WESTERN</b>	Well No. <b>30-41D</b>	Lense <b>PETERSON CXGH</b>
County <b>WELD</b>	State <b>COLORADO</b>	Field	
Charge to <b>CADE DRILLING, LLC</b>	Charge Code		For Office Use Only
Address <b>3450 WCR 27, UNIT #2 (CADE-25)</b>			
City, State <b>FT LUTON COLORADO 80621</b>			
Pump Truck No. <b>1202</b>	Code	Bulk Truck No. <b>1216/1217</b>	Code
Type of Job	Depth	Ft. <b>657</b>	To
Surface <b>8 5/8" CSG - 24H</b>	Bottom of Surface	Ft. <b>647</b>	To
Plug	Plug Landed @ <b>605</b>	Ft. Time On <b>0430</b>	
Production	Pipe Landed @ <b>647</b>	Ft. Time Off <b>PLUG DOWN 0715</b>	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount		
	Pump Truck Charge						
	Cement Neat ✓	450	SKS				
	Poz. Mix						
	Calcium Chloride	3%					
	Gel      %      Flo-Cele      1/4 #Per Sack						
	Handling Charge						
	Hauling Charge						
	Additional Cement	40	SKS				
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 FT <sup>3</sup> /SK-WATER	TEMP	44°F		
	DISP. RATE 5 BPM	SLURRY WT	15.2 PPG				
	PLUG LANDED @ 1000 PSI	TOTAL SLURRY VOL	102.9 BBL CEMENT				
Remarks: PREFLOSH w/ 20 BBL H <sub>2</sub> O		Tax Reference Code		Sub Total			
DISPLACE w/ 38.4 BBL H <sub>2</sub> O		State CO 2.9 %		Tax			
CIRCULATE 5 BBL CEMENT		Disc.		Total			
Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1202		Pump Truck		26			
1216/1217		Bulk Truck		26/26			

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 **JOE, JOSH, ERNIE**

Received By

Customer or His Agent



# CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 08-JAN-13	F.R. # 1001957791	SERV. SUPV. BARLEN M JOYNER								
LEASE & WELL NAME PETERSON CX GH #30-41D - API 05123361490000		LOCATION 30-5N-63W		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 HANGER TYPES MD TVD								
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, AI Flap, 4-1/2 - 8rd		NONE 0 0 NONE 0 0								
		Float Shoe 4-1/2 - 8rd										
		Cement Basket, Slip On, 4-1/2 in										
		Centralizer, with Pins, 4-1/2 in										
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
				SACKS OF CEMENT	SLURRY WGT PPG							
				SLURRY YLD FT <sup>3</sup>	WATER GPS							
				PUMP TIME HR:MIN	Bbl SLURRY							
					Bbl MIX WATER							
Treated Water		0		0	0 00:00 20							
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF		0		290	14.6 1.38 5.90 00:00 71.28 40.74							
Treated Water		0		0	0 00:00 113.2							
Mud Clean II		0		0	0 00:00 20							
Treated Water		0		0	0 00:00 20							
PLC+4%Gel+.6%SMS+8#/skCSE2		0		285	11 3.22 19.86 00:00 151.97 125.45							
Available Mix Water 700 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL 396.45 166.19								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	0	7322	4	4.5	11.6	CSG	7296	6731	N-80	7296	7283	0
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE
8.1	8.63	24	CSG	600	600	NO LINER	0	0	0	4.5	8RD	WATER BASED
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		
113.2	BBLS	Treated Water	8.34	1091	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			Circulation Rate: 7 BPM			
Mud Density In: 9.1 LBS/GAL Mud Density Out: 9.1 LBS/GAL						PV & YP Mud In: 37			PV & YP Mud Out: 37			
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: .75 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: 30			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			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			
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 checked="" 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			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE												

# CEMENT JOB REPORT



## 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)

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 4119 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
18:45	0	0	0	0	N/A	YARD CALL	
21:02	0	0	0	0	N/A	ARRIVE ON LOCATION (43 MILES) RUNNING CASING, HALF A RACK LEFT	
10:40	0	0	0	0	N/A	SPOT TRUCKS	
10:49	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
22:50	0	0	0	0	N/A	SAFETY MEETING	
23:33	4119	0	0	0	WATER	PRESSURE TEST	
23:37	507	0	7.2	20	WATER	CLAYCARE SPACER	
23:41	531	0	7.2	20	WATER	MUD CLEAN II	
23:44	582	0	7.2	20	WATER	CLAYCARE SPACER	
23:47	548	0	7.2	148	CMT	BATCH UP, WEIGH AND PUMP 265 SX OF PLC + 4% BENTONITE + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11.00 PPG	
00:14	197	0	4.6	69	CMT	BATCH UP, WEIGH AND PUMP 290 SX OF POZ/G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 PPG	
00:31	0	0	0	0	N/A	DROP PLUG	
00:40	72	0	7.2	70	WATER	START CLAYCARE DISPLACEMENT	
00:51	476	0	7.2	20	WATER	CAUGHT CEMENT	
00:54	720	0	6	10	WATER	DROP RATE	
00:55	871	0	4.8	10	WATER	DROP RATE	
00:57	1029	0	3.6	3	WATER	DROP RATE	
00:59	1189	0	3.6	113	WATER	BUMP PLUG	
00:59	2567	0	0	0	N/A	PLUG DOWN @ 113 BBLs	
01:02	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
01:40	0	0	0	0	N/A	TIME OFF LOCATION	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1189	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 390	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input type="checkbox"/>	Service Supervisor Signature: 





1940 10 20 21

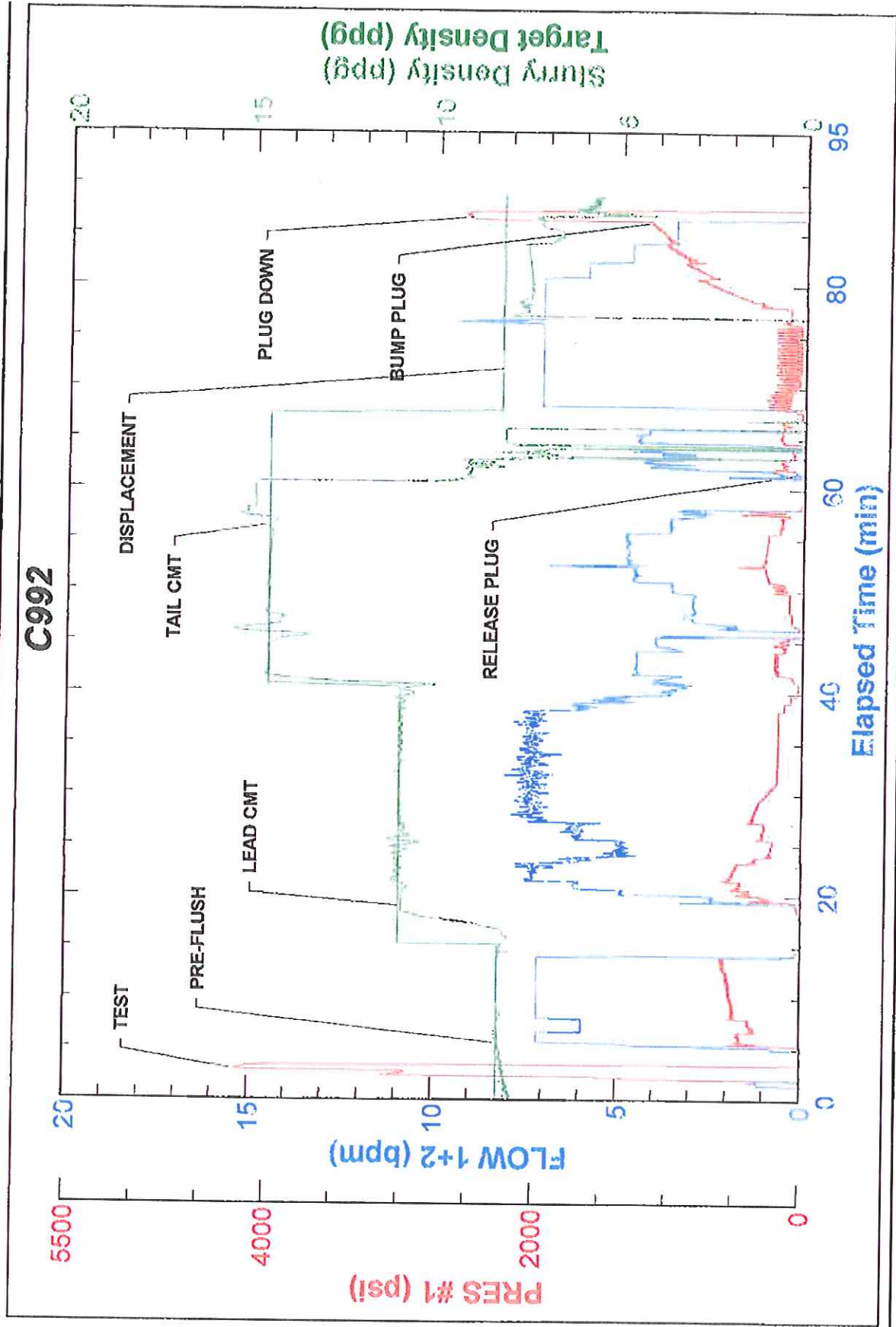


FIELD RECEIPT NO. 1001957791

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED 01 08 2013		MO. DAY YEAR		BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123361490000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON						JOB DEPTH (ft) 7,296		WELL CLASS : Gas			
WELL NAME AND NUMBER PETERSON CX GH #30-41D						TD WELL DEPTH (ft) 7,322		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 30-SN-63W		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		
100021	Class G Cement			sacks	145						
100112	Calcium Chloride			lbs	300						
100120	Bentonite			lbs	923						
100121	Silica Flour			lbs	4872						
100275	Sodium Metasilicate			lbs	164						
100317	Poz (Fly Ash)			sacks	145						
100404	Sodium Chloride			lbs	150						
398108	Mud Clean II			gals	840						
398224	Premium Lite Cement			sacks	265						
488013	CD-32			lbs	74						
488015	FL-52			lbs	98						
488019	FP-6L			gals	5						
488353	CSE-2			lbs	2120						
499702	ClayCare, Clay Treat-2C, 260 g/tote			gals	8						
SUB-TOTAL FOR Product Material											
ARRIVE MO. DAY YEAR TIME				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.							
LOCATION : 01 08 2013 21:02											
CUSTOMER REP. Shawn Armstrong				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED							



Baker Hughes JobMaster Program Version 3.60  
Job Number: 1001957791  
Customer: Great Western  
Well Name: Peterson Cx Gh 30-41D



Baker Hughes

Job Start: Tuesday, January 08, 2013



**Signature**