

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

OUR INVOICE

201153

Date 1/19/13	Well Owner Great Western	Well No. 17-9D	Lease Campbell JF
County Weld	State Colorado	Field	
Charge to CADE Drilling, LLC	Charge Code		For Office Use Only
Address 3450 WCR 27 #2 (CADE #25)			
City, State FT. Lupton, Colorado 80621			
Pump Truck No. 1208	Code	Bulk Truck No. 1214/1215	Code
Type of Job	Depth	Ft. 953	To
Surface 8 5/8" (50-24) #	Bottom of Surface	Ft. 943	To
Plug	Plug Landed @ 901	Ft.	Time On 2240
Production	Pipe Landed @ 943	Ft.	Time Off Plug Down @ 0300

Production							
Reference No.	Description	Qty.	Meas.	Unit Price	Amount		
	Pump Truck Charge						
	Cement Neat	650	SKS				
	Poz. Mix						
	Calcium Chloride	3%					
	Gel % Flo-Cele 4 #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 FT ³ /SK - water Temp - 53°F					
	Disp Rate 5 BPM	Slurry WT 15.2 PPG					
	Plug landed @ 550 PSI	Total Slurry Vol - 136.6 BBL Cement					
Remarks: Pre-Flush w/ 30 BBL H ₂ O		Tax Reference Code		Sub Total			
Displace w/ 57.3 BBL H ₂ O		State CO 29 %		Tax			
Circulate 4 BBL Cement		Disc.		Total			
Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1208		Pump Truck		44			
1214/1215		Bulk Truck		44/44			

55 - Cement services. All pricing is subject to review and revision.

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

Received By _____ Customer or His Agent



FIELD RECEIPT NO. 1001960718

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO: 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 01	DAY 22	YEAR 2013	BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123362950000		WELL TYPE: New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,430		WELL CLASS: Gas				
WELL NAME AND NUMBER CAMPBELL JF #17-9D					TD WELL DEPTH (ft) 7,476		GAS USED ON JOB: No Gas				
WELL LOCATION: 17-2N-65W		LEGAL DESCRIPTION Weld			COUNTY/PARISH 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	158					
100112	Calcium Chloride				lbs	300					
100120	Bentonite				lbs	957					
100121	Silica Flour				lbs	5292					
100275	Sodium Metasilicate				lbs	171					
100317	Poz (Fly Ash)				sacks	158					
100404	Sodium Chloride				lbs	150					
396106	Mud Clean II				gals	840					
396224	Premium Lite Cement				sacks	275					
488013	CD-32				lbs	80					
488015	FL-52				lbs	106					
488019	FP-6L				gals	6					
488353	CSE-2				lbs	2200					
496632	Granulated Sugar				lbs	50					
496702	ClayCare, Clay Treat-2C, 260 gl tote				gals	8					
SUB-TOTAL FOR Product Material											
ARRIVE LOCATION:		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.					
CUSTOMER REP.		Shawn Armstrong				CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BHI APPROVED					



FIELD RECEIPT NO. 1001960718

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229286		INVOICE NUMBER	
MAIL INVOICE TO: 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		NO.	DAY	YEAR	BHI REPRESENTATIVE BARLEN M JOYNER		WELL APINO: 05123362950000		WELL TYPE: New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,430		WELL CLASS: Gas				
WELL NAME AND NUMBER CAMPBELL JF #17-9D					TD WELL DEPTH (ft) 7,476		GAS USED ON JOB: No Gas				
WELL LOCATION:		LEGAL DESCRIPTION 17-2N-65W			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 M100	Personnel Per Diem Chrg - Cement Svc Bulk Materials Blending Charge				ea cu ft	1 767					
SUB-TOTAL FOR Service Charges											
F067A F090 J050 J225 J390 J391	Cement Pumping, 7001 - 8000 ft Fuel per pump charge - cement Cement Head Data Acquisition, Cement, Standard Mileage, Heavy Vehicle Mileage, Auto, Pick-Up or Treating Van				6hrs pump/hr job job miles miles	1 4 1 1 36 36					
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products				ton-mi	538					
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
ARRIVE LOCATION:				MO. 01	DAY 22	YEAR 2013	TIME 09:18				
CUSTOMER REP. Shawn Armstrong				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.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				X CUSTOMER AUTHORIZED AGENT							
				X BHI APPROVED							

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 22-JAN-13		F.R. # 1001960718		SERV. SUPV. BARLEN M JOYNER	
LEASE & WELL NAME CAMPBELL JF #17-9D - API 05123362950000		LOCATION 17-2N-65W		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						
	Centralizer, with Pins, 4-1/2 In						
	Cement Basket, Slip On, 4-1/2 In						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Treated Water	0	0	8.34	0	0	00:00	20	
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF	0	315	14.6	1.38	5.90	00:00	77.42	44.25
Treated Water	0	0	9.34	0	0	00:00	115.2	
Mud Clean II	0	0	8.5	0	0	00:00	20	
Treated Water	0	0	8.34	0	0	00:00	20	
PLC+4%Gel+.6%SMS+8#/skCSE2	0	275	11	3.22	19.86	00:00	157.71	130.19
Available Mix Water	600 Bbl.	Available Displ. Fluid	300 Bbl.	TOTAL			410.33	174.44

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	0	7476	4	4.5	11.6	CSG	7430	7430	N-80	7430	7415	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	WGT.
8.1	8.63	24	CSG	900	900	NO LINER	0	0	0	4.5	8RD	WATER BASED	9.7

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	
115.2	BBLs	Treated Water	9.34	1170	0	0	0	0	6224	3000	RIG TANK

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 7 BPM

Mud Density In: 9.7 LBS/GAL Mud Density Out: 9.7 LBS/GAL PV & YP Mud In: 45 PV & YP Mud Out: 45

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 30 Type: ☒ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☒

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

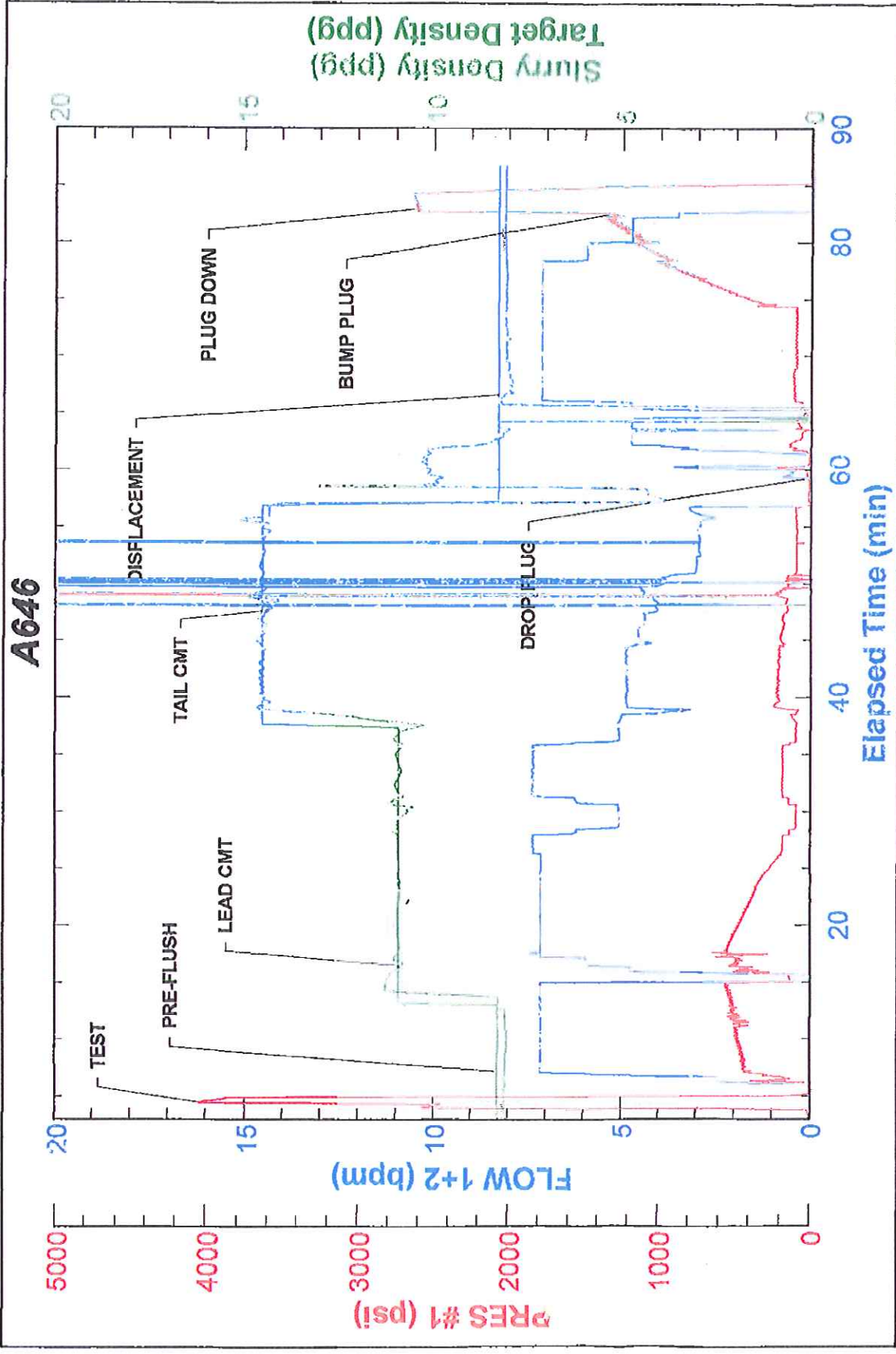
EXPLANATION

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	4125 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
07:15	0	0	0	0	N/A	YARD CALL		
09:18	0	0	0	0	N/A	ARRIVE ON LOCATION (18 MILES) RUNNING LAST 15 JOINTS		
09:55	0	0	0	0	N/A	SPOT TRUCKS		
09:57	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING		
10:40	0	0	0	0	N/A	SAFETY MEETING		
11:04	4125	0	0	0	WATER	PRESSURE TEST		
11:07	435	0	7.2	20	WATER	CLAYCARE WATER		
11:11	488	0	7.2	20	WATER	MUD CLEAN II		
11:15	501	0	7.2	20	WATER	CLAYCARE WATER		
11:18	590	0	7.2	153	CMT	BATCH UP, WEIGH AND PUMP 275 SX OF PLC + 4% BENTONITE + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11 PPG		
11:39	256	0	4.9	75	CMT	BATCH UP, WEIGH AND PUMP 315 SX OF POZ/G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 PPG		
11:59	0	0	0	0	N/A	DROP PLUG		
12:06	138	0	7.2	60	WATER	START CLAYCARE DISPLACEMENT		
12:16	361	0	7.2	30	WATER	CAUGHT CEMENT		
12:20	922	0	6	10	WATER	DROP RATE		
12:21	1128	0	4.8	10	WATER	DROP RATE		
12:23	1274	0	3.6	5	WATER	DROP RATE		
12:25	1381	0	3.6	115	WATER	BUMP PLUG		
12:25	2653	0	0	0	N/A	PLUG DOWN @ 115 BBLs		
12:28	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING		
13:10	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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1381	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	403	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 1001960718
Customer: Great Western
Well Name: Campbell JF 17-9D





Signature

Every Project Is Personal

Pioneer Wireline Services, LLC

Service Order.No.

Service Order No. 013274

Phone: 303.659.6581

Fax: 303.659.1789

Date: 11/1/81

Client Info	Company					AFE #		
	Billing Address					City		ST
Well Info	Lease & Well #				Field Name			
	Legal Description							
	Nearest Town		County / Parish	ST	Rtg	Permit #	Price Zone	API #
Crew	Engineer		Crew Members				Unit #	Miles

THE UNDERSIGNED HEREBY CERTIFIES THAT HE HAS FULL AUTHORITY TO ENTER INTO THIS CONTRACT ON BEHALF OF THE CLIENT AND AGREES TO THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE SIDE HEREOF.

Client Approval

Name Printed

Signature

[illegible]

	Total Time	Oper. Time	Free Stand By	Charge Time
Equipment				
Crew				

SUBTOTAL

DISCOUNT

NET SUBTOTAL

TAX

NET TOTAL

Client Approval

Name Printed

Signature

Pioneer Representative

Name Printed

Signature

PIONEER OFFICE USE ONLY – Approval

Name Printed

Signature