



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

OUR INVOICE

200647

Date 9/7/2012	Well Owner GREAT WESTERN	Well No. 6-6-17	Lease FRITZLER
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. LUTON, COLORADO 80621			
Pump Truck No. 1201	Code	Bulk Truck No. 1217	Code
Type of Job	Depth	Ft. 698	To
Surface 8 5/8" CSG 24"	Bottom of Surface	Ft. 688	To
Plug	Plug Landed @ 646	Ft.	Time On 1745
Production	Pipe Landed @ 688	Ft.	Time Off PLUG DOWN 1900

Reference No.	Description	Qty.	Meas.	Unit Price
	Pump Truck Charge			
	Cement Neat ✓	490	SKS	
	Poz. Mix			
	Calcium Chloride	390		
	Gel % Flo-Cele 1/4 #Per Sack			
	Handling Charge			
	Hauling Charge			
	Additional Cement			
	8 5/8" GUIDE SHOE	1		
	" CEMENT BASKET	1		
	" CENTRALIZERS	3		70.00
	" BAFFLE PLATE	1		
	BOX THREAD LOCK	1		
	MIX RATE 4 BPM	SLURRY VOL 1.18 CUFT/SK		
	DISP RATE 5 BPM	SLURRY WT 14.8-15.0 PPG		
	PLUG LANDED @ 800 PSI	TOTAL SLURRY VOL 102.9 BBLS CENTER		
Remarks:	PRE-FLUSH W/ 15 BBLS H ₂ O	Tax Reference Code		Sub Total
	DISP RATE W/ 41 BBLS H ₂ O	State CO 2.5 %		Tax
	CIRCULATE 4 BBLS CEMENT	Disc.		Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other
1201		Pump Truck		37		
1217		Bulk Truck		37		

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

Delivered By **Jim/Adam/Josh A**

Received By

[Signature]
Customer or H

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS			DATE 10-SEP-12		F.R. # 1001934141		SERV. SUPV. LANCE N WEBB							
LEASE & WELL NAME FRITZLER #6-6-17 - API 05123335480000			LOCATION 17-6N-66W			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		Centralizer, with Pins, 4-1/2 in												
		Guide Shoe, Texas-Notched 4-1/2 in												
		Float Collar, Auto Fill, 4-1/2 - 8rd												
		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			
Tail				0		285	14.6	1.38	5.90	02:30	70	40.01		
Treated Water				0		0	8.34	0	0	00:00	119.15			
Mud Clean II				0		0	8.5	0	0	00:00	20			
Treated Water				0		0	8.34	0	0	00:00	20			
Lead				0		295	11	3.22	19.86	03:30	169.1	139.59		
Available Mix Water 450 Bbl.				Available Displ. Fluid 250 Bbl.				TOTAL		418.25 179.60				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875	0	7408	4	4.5	11.6	CSG	7396	7396	N-80	7396	7375	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	698	698	NO PACKER		0	0	0	4.5	8RND	WATER BASED	9.2
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			
114.6	BBLS	Treated Water		8.34	1172	0	0	0	0	7780	6224			RIG TANK
Circulation Prior to Job														
Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1 Circulation Rate: 6 BPM								
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL						PV & YP Mud In: 18 PV & YP Mud Out: 18								
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: 1.2 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 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:						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 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	4105 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
11:35	0	0	0	0	NA	LEAVE YARD		
12:35	0	0	0	0	NA	ARRIVE TO LOCATION		
12:48	0	0	0	0	NA	SPOT TRUCKS		
14:45	0	0	0	0	NA	SAFETY MEETING		
15:19	4105	0	0	0	H2O	PRESSURE TEST		
15:22	425	0	6.5	20	H2O	FRESH WATER SPACER WITH CLAY CARE		
15:28	399	0	6.4	20	H2O	MUD CLEAN II SPACER		
15:31	410	0	6.4	20	H2O	FRESH WATER SPACER WITH CLAY CARE		
15:34	0	0	0	0	NA	SHUT DOWN AND PREPARE FOR CMT PUMPING		
15:39	130	0	6.5	163	CMT	LEAD CMT @ 11.0 PPG		
16:06	175	0	5.2	70	CMT	TAIL CMT @ 14.6 PPG		
16:21	0	0	0	0	NA	SHUT DOWN AND WASH PUMPS AND LINES		
16:24	0	0	0	0	NA	DROP PLUG		
16:31	60	0	6.4	80	H2O	DISPLACEMENT		
16:45	419	0	5.1	20	H2O	DROP RATE		
16:50	728	0	2.8	14	H2O	DROP RATE		
16:54	1263	0	2.8	114	H2O	FINAL LIFT		
16:54	2291	0	0	0	H2O	BUMP PLUG		
16:56	0	0	0	0	NA	FLOATS HELD		
17:35	0	0	0	0	NA	LEAVE 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	1172	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	408	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001934141

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 09	DAY 10	YEAR 2012	BHI REPRESENTATIVE LANCE N WEBB		WELL API NO: 05123335480000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,396		WELL CLASS : Gas				
WELL NAME AND NUMBER FRITZLER #8-6-17					TD WELL DEPTH (ft) 7,408		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 17-6N-68W			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	143	31.800	4,547.40	55%	2,046.33	
100120	Bentonite				lbs	1027	0.530	544.31	55%	244.94	
100121	Silica Flour				lbs	4788	0.590	2,824.92	55%	1,271.21	
100275	Sodium Metasilicate				lbs	178	4.100	729.80	55%	328.41	
100317	Poz (Fly Ash)				sacks	143	14.200	2,030.60	55%	913.77	
398108	Mud Clean II				gals	840	1.700	1,428.00	55%	642.60	
398224	Premium Lite Cement				sacks	295	27.650	8,156.75	55%	3,670.54	
488013	CD-32				lbs	72	13.300	957.60	55%	430.92	
488015	FL-52				lbs	96	26.900	2,582.40	55%	1,162.08	
488019	FP-6L				gals	5	104.250	521.25	55%	234.56	
488353	CSE-2				lbs	2360	1.700	4,012.00	55%	1,805.40	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	9	147.000	1,323.00	55%	595.35	
SUB-TOTAL FOR Product Material								29,658.03	55.00%	13,346.11	
ARRIVE LOCATION : MO. 09 DAY 10 YEAR 2012 TIME 12:35					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						



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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 SUB-TOTAL FOR Service Charges	ea cu ft	1 747	210.000 5.450	210.00 4,071.15 4,281.15	0% 55% 52.30%	210.00 1,832.02 2,042.02
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 SUB-TOTAL FOR Equipment	6hrs pump/hr job job miles miles	1 4 1 1 86 86	9,525.000 70.250 830.000 2,130.000 11.850 6.700	9,525.00 281.00 830.00 2,130.00 1,019.10 576.20 14,361.30	55% 0% 55% 55% 55% 55% 53.92%	4,286.25 281.00 373.50 958.50 458.60 259.29 6,617.14
J401	Bulk Delivery, Dry Products SUB-TOTAL FOR Freight/Delivery Charges FIELD ESTIMATE	ton-mi	1253	3.940	4,936.82 4,936.82 53,237.30	55% 55.00% 54.49%	2,221.57 2,221.57 24,226.84

ARRIVE LOCATION : CUSTOMER REP. SHAWN ARMSTRONG	MO. 09	DAY 10	YEAR 2012	TIME 12:35	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.
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X		
				BHI APPROVED X		