



CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

201043

Date 10/31/12	Well Owner	Well No. 25-60	Lease Deetterer F
County Weld	State Colorado	Field	
Charge to Cade Drilling LLC.	Charge Code		
Address 3450 W.C.R. 27 #2 (Cade 25)	For Office Use Only		
City, State Ft. Lupton, Colorado 80621			
Pump Truck No.	Code	Bulk Truck No.	Code
Type of Job	Depth	Ft. 655	To
Surface 8 5/8" CSG 24"	Bottom of Surface	Ft. 645	To
Plug	Plug Landed @ 603	Ft.	Time On 0945
Production	Pipe Landed @ 645	Ft.	Time Off Plug Down 1145

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	460			
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele 1/4# Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
8 5/8"	Guide Shoe	1			
"	Cement Basket	1			
"	Centralizers	3			
"	Baffle Plate	1			
	Box Thread Lock	1			
Mix Rate 4 BPM / Disp Rate 5 BPM					
Slurry Vol 1.1% cu ft ³ SK / Slurry wt. 14.8-15 PPG					
Total Slurry Vol 96.6 BBL cement Plug Landed @ 710 PSI					
Remarks: Pre-Flush w/ 20 BBL H ₂ O	Tax Reference Code	Sub Total			
Disp w/ 38.3 BBL H ₂ O	State CO 2.9 %	Tax			
Circulate w/ 5 BBL H ₂ O	Disc.	Total			

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1201		Pump Truck		24			
1217		Bulk Truck		24			

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 **Jim, Adam, Joshua, Tucker**

Received By

Customer or His Agent

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 03-NOV-12	F.R. # 1001945396		SERV. SUPV. JASON L SJOBERG		
LEASE & WELL NAME DETTNER FD #25-6D - API 05123355710000		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	HANGER TYPES MD TVD	
Cement Plug, Rubber, Top 4-1/2 in	Guide Shoe, Cement Nose, 4-1/2 in	None		0	0	None 0 0	
	Float Collar, Auto Fill, 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 FT ³	WATER GPS	PUMP TIME HR:MIN	
Treated Water	0	0	8.34	0	0	00:00	
Tail	C1100812	300	14.6	1.39	5.92	02:30	
Treated Water	0	0	8.34	0	0	00:00	
Mud Clean II	0	0	8.5	0	0	00:00	
Treated Water	0	0	8.34	0	0	00:00	
Lead	C1100812	300	11	3.22	19.86	03:30	
Available Mix Water	450 Bbl.	Available Displ. Fluid	450 Bbl.	TOTAL		420.79 184.38	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
7.875	0	7406	4	4.5	11.6	CSG	7379 7379 N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT.	TYPE	MD	TVD	WELL FLUID	
8.1	8.63	24	CSG	645	645	No Packer 0 0 0 4.5 8 RND WATER BASED 9.5	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
114.5	BBLS	Treated Water	8.34	1172	0	0	0
Circulation Prior to Job		Circulation Time: 1		Circulation Rate: 7 BPM			
Mud Density In: 9.5 LBS/GAL		Mud Density Out: 9.5 LBS/GAL		PV & YP Mud In: 17		PV & YP Mud Out: 17	
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"/> 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: 25		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 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	4612 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
03:30	0	0	0	0	N/A	Yard Call			
05:45	0	0	0	0	N/A	Leave Yard			
06:45	0	0	0	0	N/A	Arrive on Location			
08:15	0	0	0	0	N/A	Spot Trucks			
08:25	0	0	0	0	N/A	Pre Rig-up Safety Meeting			
09:15	0	0	0	0	N/A	Safety Meeting			
09:33	4612	0	0	0	H2O	Pressure Test Pump and Lines			
09:35	397	0	6.5	20	H2O	Preflush Fresh Water			
09:43	431	0	6.5	20	H2O	Preflush Mud Clean II			
09:47	455	0	6.5	20	H2O	Preflush Fresh Water			
09:50	138	0	6.5	169	CMT	Batch, Weigh, Pump 11#			
10:27	156	0	4.1	72	CMT	Pump 14.6#			
10:59	0	0	0	0	N/A	Drop Plug			
11:08	997	0	7.2	100	H2O	Displacement			
11:23	984	0	3.6	15	H2O	Drop Rate			
11:26	1259	0	3.6	115	H2O	Bump Plug			
11:31	0	0	0	0	N/A	Check Floats			
11:32	0	0	0	0	N/A	Post Job 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	1259	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	416	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001945396

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 03	YEAR 2012	BHI REPRESENTATIVE JASON L SJOBERG		WELL API NO: 05123355710000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 7,379		WELL CLASS : Gas				
WELL NAME AND NUMBER DETERER FD #25-6D					TD WELL DEPTH(ft) 7,366		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	
100021	Class G Cement				sacks	150	29.700	4,455.00	55%	2,004.75	
100120	Bentonite				lbs	1044	0.500	522.00	55%	234.90	
100121	Silica Flour				lbs	5040	0.530	2,671.20	55%	1,202.04	
100275	Sodium Metasilicate				lbs	384	3.900	1,497.60	55%	673.92	
100317	Poz (Fly Ash)				sacks	150	13.200	1,980.00	55%	891.00	
398108	Mud Clean II				gals	840	1.610	1,352.40	55%	608.58	
398224	Premium Lite Cement				sacks	300	24.050	7,215.00	55%	3,246.75	
488013	CD-32				lbs	76	12.650	961.40	55%	432.63	
488015	FL-52				lbs	101	25.600	2,585.60	55%	1,163.52	
488019	FP-6L				gals	5	99.250	496.25	55%	223.31	
488353	CSE-2				lbs	2400	1.610	3,864.00	55%	1,738.80	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	8	140.000	1,120.00	55%	504.00	
SUB-TOTAL FOR Product Material								28,720.45	55.00%	12,924.20	
ARRIVE LOCATION :				MO. 11	DAY 03	YEAR 2012	TIME 06:45				
CUSTOMER REP. Matt Johnson				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				CUSTOMER AUTHORIZED AGENT			
				X				BHI APPROVED			
				X							

FIELD RECEIPT NO. 1001945396



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		503 MAIN ST		Windsor		Colorado		80550			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE:			
11		03	2012	JASON L SJOBERG	05123355710000		New Well				
DISTRICT		BJS, BRIGHTON		JOB DEPTH(ft)		7.379		WELL CLASS:		Gas	
WELL NAME AND NUMBER		DETERER FD #25-6D		TD WELL DEPTH(ft)		7.366		GAS USED ON JOB:		No Gas	
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:		Long String	
25-6N-67W		Weid		Colorado							
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	776	4.170	3,235.92	55%	1,456.16			
				SUB-TOTAL FOR Service Charges		3,397.42	52.39%	1,617.66			
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	90	9.100	819.00	55%	368.55			
J391	Mileage, Auto, Pick-Up or Treating Van		miles	90	5.150	463.50	55%	208.58			
				SUB-TOTAL FOR Equipment		11,721.50	53.86%	5,408.88			
J401	Bulk Delivery, Dry Products		ton-mi	1362	3.030	4,126.86	55%	1,857.09			
				SUB-TOTAL FOR Freight/Delivery Charges		4,126.86	55.00%	1,857.09			
				FIELD ESTIMATE		47,966.23	54.54%	21,807.83			
ARRIVE LOCATION:		MO.	DAY	YEAR	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.						
11		03	2012	06:45							
CUSTOMER REP.		Matt Johnson		CUSTOMER AUTHORIZED AGENT		X		BHI APPROVED		X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS											



Baker Hughes JobMaster Program Version 3.60

Job Number: 1001945396

Customer: Great Western

Well Name: Dettler FD 25-6D

C156

