



CO-MAN COPY

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

OUR INVOICE

200514

Date <u>5-10-12</u>	Well Owner <u>GREAT WESTERN</u>	Well No. <u>20-23</u>	Lease <u>H-9</u>
County <u>WELD</u>	State <u>COLORADO</u>	Field	
Charge to <u>CADE DRILLING LLC</u>	Charge Code		For Office Use Only
Address <u>3450 W.C.R 27, #2 (CADE 25)</u>			
City, State <u>FT. LUTON COLORADO 80621</u>			
Pump Truck No. <u>1202</u>	Code	Bulk Truck No. <u>1214/1216</u>	Code
Type of Job	Depth	Ft. <u>908</u>	To
Surface <u>8 5/8" CSG-24#</u>	Bottom of Surface	Ft. <u>901</u>	To
Plug	Plug Landed @ <u>859</u>	Ft. Time On <u>2200</u>	
Production	Pipe Landed @ <u>901</u>	Ft. Time Off <u>PLUG DOWN 0230</u>	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount		
	Pump Truck Charge						
	Cement Neat ✓ 100% EXCESS	640	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 ³ /SK	WATER TEMP 68 °F			
	DISP RATE 5 BPM	SLURRY WT 15.2	PPG				
	PLUG LANDED @ 800 PSI	TOTAL SLURRY VOL 142.9	BBL CEMENT				
Remarks:	PREFLUSH W/30 BBL H2O	Tax Reference Code	Sub Total				
	DISPLACE W/54.6 BBL H2O	State CO 2.9 %	Tax				
	CIRCULATE 6 BBL CEMENT	Disc.	Total				
Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1202		Pump Truck		30			
1214/1216		Bulk Truck		30/30			

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 JOSH Z., JOSH A., WILL, JIM

Received By _____ Customer or His Agent

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 15-MAY-12	F.R. # 1001909012		SERV. SUPV. STEPHEN J CARDOS		
LEASE & WELL NAME H-Y 20-23 - API 05123354330000		LOCATION 29-6N-87W		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	
BJ Cement Plug, Rubber, Top 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd						
	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 ³	WATER GPS	PUMP TIME HR:MIN	
ClayCare Water	N/A	0	8.34	0	0	00:00	
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF	N/A	367	14.6	1.38	5.90	02:30	
ClayCare Water	N/A	0	8.34	0	0	00:00	
Mud Clean II	N/A	0	8.5	0	0	00:00	
ClayCare Water	N/A	0	8.34	0	0	00:00	
PL+.6%SMS+8#/skCSE2	N/A	187	11	3.22	19.86	03:30	
Available Mix Water	400 Bbl.	Available Displ. Fluid	400 Bbl.	TOTAL		382.57 139.94	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
7.875	20	7972	4	4.5	11.6	CSG	8102
							7347
							GRADE
							SHOE
							FLOAT
							STAGE
							7958
							7944
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	854	850	BRAND & TYPE	
						DEPTH	
						TOP	
						BTM	
						SIZE	
						THREAD	
						TYPE	
						WGT.	
						8.4	
						NO PACKER	
						0	
						0	
						0	
						4.5	
						8RND	
						WATER BASED	
						8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
123.7	BBLS	ClayCare Water	8.34	1643	0	0	0
						MAX TBG PSI	
						MAX CSG PSI	
						Operator	
						RATED	
						Operator	
						MIX WATER	
						RIG TANK	
						6224	
						3139	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.6 LBS/GAL				Mud Density Out: 8.6 LBS/GAL			
PV & YP Mud In: 0				PV & YP Mud Out: 0			
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 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: 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	4139 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:05	0	0	0	0	N/A	ARRIVE ON LOCATION	
17:12	0	0	0	0	N/A	SPOT TRUCKS	
17:14	0	0	0	0	N/A	PRE-RIG UP MEETING	
18:15	0	0	0	0	N/A	SAFETY MEETING	
18:45	4139	0	0	0	H2O	PRESSURE TEST	
18:51	688	0	7.2	20	H2O	CLAY CARE PREFLUSH	
18:53	612	0	7.2	20	H2O	MUDCLEAN II SPACER	
18:56	586	0	7.2	20	H2O	CLAYCARE SPACER	
19:02	499	0	6.1	171	CMT	BATCH/WEIGH/PUMP 11.0 LB CMT	
17:40	255	0	4.8	70	CMT	PUMP/WEIGH 14.6 LB CMT	
19:59	0	0	0	0	H2O	DOWN/ DROP PLUG/WASH UP	
20:06	153	0	7.2	90	H2O	DISPLACE	
20:19	714	0	6	10	H2O	DROP RATE	
20:21	847	0	3.6	10	H2O	DROP RATE	
20:24	1384	0	2.4	13	H2O	DROP RATE	
20:29	2650	0	0	123.5	H2O	BUMP PLUG	
20:31	0	0	0	0	H2O	TEST FLOATS/BLEED OFF PRESSURE	
20:32	0	0	0	0	N/A	RIG DOWN 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	1384	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	425	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001909012

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. 05	DAY 15	YEAR 2012	BHI REPRESENTATIVE STEPHEN J CARDOS		WELL API NO: 05123354330000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 7.972		WELL CLASS : Gas				
WELL NAME AND NUMBER H-Y 20-23					TD WELL DEPTH(ft) 8.006		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 29-6N-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	1062	0.500	531.00	55%	238.95	
100121	Silica Flour				lbs	5040	0.530	2,671.20	55%	1,202.04	
100275	Sodium Metasilicate				lbs	186	3.900	725.40	55%	326.43	
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	305	24.050	7,335.25	55%	3,300.86	
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	2440	1.610	3,928.40	55%	1,767.78	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	9	140.000	1,260.00	55%	567.00	
SUB-TOTAL FOR Product Material								28,281.90	55.00%	12,726.85	
ARRIVE LOCATION :		MO. 05	DAY 15	YEAR 2012	TIME 17:00		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. LEVI SMALLEY						CUSTOMER AUTHORIZED AGENT X					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BHI APPROVED X					



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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 Service Charge				cu ft	774	4.170	3,227.58	55%	1,452.41	
SUB-TOTAL FOR Service Charges											
F069A	Cement Pumping, 8001 - 9000 ft				6hrs	1	9,125.000	9,125.00	55%	4,106.25	
F090	Fuel per pump charge - cement				pump/hr	2	61.000	122.00	0%	122.00	
J050	Cement Head				job	1	635.000	635.00	55%	285.75	
J390	Mileage, Heavy Vehicle				miles	76	9.100	691.60	55%	311.22	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	76	5.150	391.40	55%	176.13	
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products				ton-mi	1156	3.030	3,502.68	55%	1,576.21	
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
SUB-TOTAL											
46,138.66											
54.66%											
20,918.32											

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CUSTOMER REP. LEVI SMALLEY				CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED <i>[Signature]</i>		



BJ Services JobMaster Program Version 3.50

Job Number: 1001909012

Customer: GREAT WESTERN

Well Name: HY 20-23

C973



