

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 23-SEP-12	F.R. # 1001996626	SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME FRITZLER #17-42-11 - API 05123359950000		LOCATION 17-6N-66W		COUNTY-PARISH-BL06K Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 25		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS Cement Plug, Rubber, Top 4-1/2 in		LIST-CSG-HARDWARE Float Collar, AI Flap, 4-1/2 - 8rd Float Shoe 4-1/2 - 8rd		MECHANICAL BARRIERS MD TVD HANGER TYPES MD TVD	
MATERIALS FURNISHED BY BJ		PHYSICAL SLURRY PROPERTIES			
	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS
Treated Water	0	0	8.34	0	0
Tail	0	310	14.6	1.38	5.90
Treated Water	0	0	8.34	0	0
Mud Clean II	0	0	8.5	0	0
Treated Water	0	0	8.34	0	0
Lead	0	0	8.34	0	0
Available Mix Water	800 Bbl.	300	11	3.22	19.86
Available Displ. Fluid		200 Bbl.	TOTAL		
HOLE		TSG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	0	7719	4	4.5	11.6
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH
ID	OD	WGT.	TYPE	MD	TVD
8.1	8.63	24	CSG	692	690
DISPL. VOLUME		DISPL. FLUID			WELL FLUID
VOLUME	UOM	TYPE	WGT.	CAL. PSI	CAL. MAX PSI
119	BBLS	Treated Water	8.34	1302	0
Circulation Prior to Job		Displacement And Mud Removal			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Amount Bled Back After Job: 1.3 BBLS			
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL		Method Used to Verify Returns: Visual			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:		Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Circulation Time: 1		Circulation Rate: 6 BPM			
PV & YP Mud In: 0		PV & YP Mud Out: 0			
Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Plugs			
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Number of Attempts by BJ: 0 Competition: 0			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:			
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Parabow Used: <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		Top of Plug: 0 FT Bottom of Plug: 0 FT			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Squeezes (Update Original Treatment Report for Primary Job)			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		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"/>			
Casing Test (Update Original Treatment Report for Primary Job)		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			
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes		EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None			



FIELD RECEIPT NO. 1001936525

CUSTOMER				GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER			
MAIL INVOICE TO				STREET OR BOX NUMBER		CITY		STATE		ZIP CODE					
				503 MAIN ST		Windsor		Colorado		80550					
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :						
09 23 2012		09	23	2012	COLE W MARRIOTT		0512335950000		New Well						
DISTRICT				BJS, BRIGHTON		JOB DEPTH(ft)		7,675		WELL CLASS :		Gas			
WELL NAME AND NUMBER				FRITZLER #17-42-11		TD WELL DEPTH(ft)		7,719		GAS USED ON JOB :		No Gas			
WELL LOCATION :				LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :		Long String			
				17-6N-66W		Weld		Colorado							
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT					
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000			210.00					
M100	Bulk Materials Blending Charge				cu ft	785	5.450			4,278.25	55%	1,925.21			
SUB-TOTAL FOR Service Charges													4,488.25	52.43%	2,135.21
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	9,525.000			9,525.00	55%	4,286.25			
F090	Fuel per pump charge - cement				pump/hr	4	70.250			281.00	0%	281.00			
J050	Cement Head				job	1	830.000			830.00	55%	373.50			
J225	Data Acquisition, Cement, Standard				job	1	2,130.000			2,130.00	55%	958.50			
J390	Mileage, Heavy Vehicle				miles	84	11.850			995.40	55%	447.93			
J391	Mileage, Auto, Pick-Up or Treating Van				miles	84	6.700			562.80	55%	253.26			
SUB-TOTAL FOR Equipment													14,324.20	53.92%	6,600.44
J401	Bulk Delivery, Dry Products				ton-mi	1288	3.940			5,074.72	55%	2,283.62			
SUB-TOTAL FOR Freight/Delivery Charges													5,074.72	55.00%	2,283.62
FIELD ESTIMATE													54,920.06	54.51%	24,984.07
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.							
09 23 2012				09	23	2012	07:30								
CUSTOMER REP.				Matt Johnson				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED							
								X							



FIELD RECEIPT NO. 1001936525

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 0029266		INVOICE NUMBER	
MAIL INVOICE TO 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 09	DAY 23	YEAR 2012	BHI REPRESENTATIVE COLE W MARRIOTT		WELL API NO: 05123359950000		WELL TYPE: New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 7,675		WELL CLASS: Gas				
WELL NAME AND NUMBER FRITZLER #17-42-11					TD WELL DEPTH(ft) 7,719		GAS USED ON JOB: No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 17-6N-66W			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	155	31.800	4,929.00	55%	2,218.05	
100120	Bentonite				lbs	1044	0.530	553.32	55%	248.99	
100121	Silica Flour				lbs	5208	0.590	3,072.72	55%	1,382.72	
100275	Sodium Metasilicate				lbs	184	4.100	754.40	55%	339.48	
100317	Poz (Fly Ash)				sacks	155	14.200	2,201.00	55%	990.45	
398108	Mud Clean II				gals	840	1.700	1,428.00	55%	642.60	
398224	Premium Lite Cement				sacks	300	27.650	8,295.00	55%	3,732.75	
488013	CD-32				lbs	79	13.300	1,050.70	55%	472.82	
488015	FL-52				lbs	105	26.900	2,824.50	55%	1,271.03	
488019	FP-6L				gals	5	104.250	521.25	55%	234.56	
488353	CSE-2				lbs	2400	1.700	4,080.00	55%	1,836.00	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	9	147.000	1,323.00	55%	595.35	
SUB-TOTAL FOR Product Material								31,032.89	55.00%	13,964.80	
ARRIVE LOCATION : 09 23 2012 07:30					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.	
CUSTOMER REP. Matt Johnson					X					CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					X					BHI APPROVED	

CEMENT JOB REPORT



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	X	CO. REP.	X
	PIPE	ANNULUS				TEST LINES	4504 PSI		
						CIRCULATING WELL - RIG	X	BJ	
07:30	0	0	0	0	N/A	Arrive on location 42 miles			
08:55	0	0	0	0	N/A	Spot trucks rig circulating			
09:15	0	0	0	0	N/A	Pre rig up safety meeting			
10:00	0	0	0	0	N/A	Pre job safety meeting			
10:14	4504	0	0	0	H2O	Pressure test			
10:18	523	0	6.4	20	H2O	Claycare spacer			
10:23	526	0	6.4	20	H2O	Mud clean I			
10:27	573	0	6.4	20	H2O	Claycare spacer			
10:31	175	0	6.5	170	CMT	Batch up weigh and pump 300 sxs of PLC + 4% Gel + 0.6% Sodium Metasilicate + 8 lbs/sack CSE-2			
11:00	115	0	3.2	72	CMT	Batch up weigh and pump 310 sxs of 50):50: Poz (Fly Ash): Class G Cement + 0.3% CD-32 +0.4% FL-52 + 0.1% Sodium Metasilicate + 20% S-8			
11:24	0	0	0	0	N/A	Drop plug			
11:30	1057	0	7.2	100	H2O	Displacement			
11:44	1162	0	4.9	10	H2O	Slow rate			
11:47	1276	0	3.4	9	H2O	Bump plug			
11:49	2544	0	0	0	N/A	Plug down			
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	1276	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	421	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N			

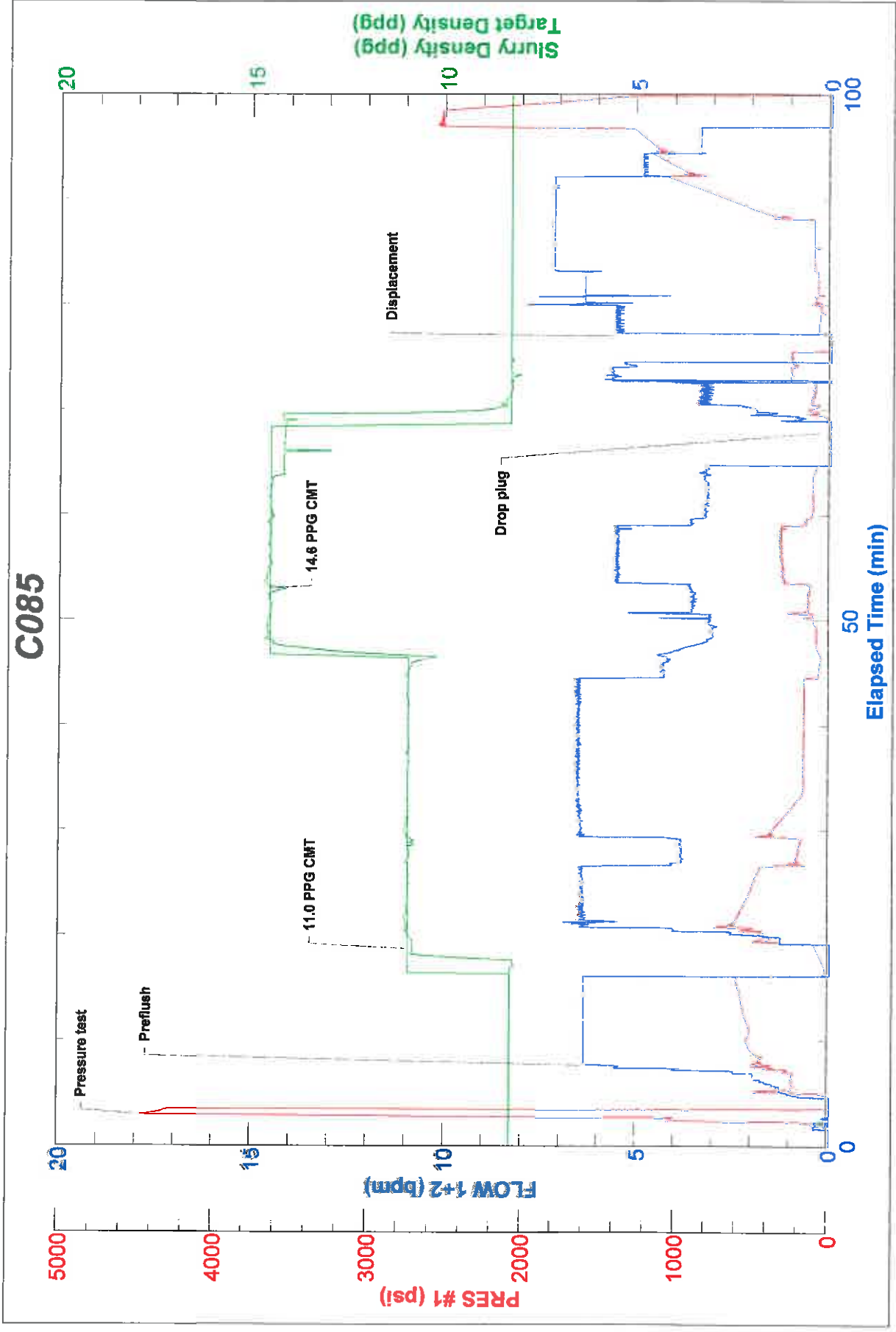


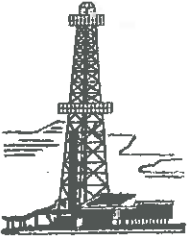
BJ Services JobMaster Program Version 3.50

Job Number: 1001936525

Customer: Great Western

Well Name: Fritzler 17-42-11





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

OUR INVOICE

200668

GREAT WESTERN

Date 9-19-12	Well Owner OIL + GAS COMPANY, LLC	Well No. 17-42-11	Lease FRITZLER
County WELD	State COLORADO	Field	
Charge to CADE DRILLING, LLC	Charge Code		For Office Use Only
Address 3450 WCR 27, UNIT #2 (CADE-25)			
City, State FT LUTON, CO 80621			
Pump Truck No. 1202	Code	Bulk Truck No. 1207/1218	Code
Type of Job	Depth	Ft. 742	To
<u>Surface</u>	Bottom of Surface	Ft. 732	To
Plug	Plug Landed @ 690	Ft. Time On 0130	
Production	Pipe Landed @ 732	Ft. Time Off PLUG DOWN 0430	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount		
	Pump Truck Charge						
	Cement Neat ✓	520	SKS				
	Poz. Mix						
	Calcium Chloride	3%					
	Gel % Flo-Cele 1/4 #Per Sack						
	Handling Charge						
	Hauling Charge						
	Additional Cement						
8 7/8"	CENTRALIZERS	3					
"	CEMENT BASKET	1					
"	GUIDE SHOE	1					
"	BOFFLE PLATE	1					
	BOX THREADLOCK	1					
	MIX RATE 4 BPM	SLURRY	UOL	1.18 FT ³ /SK-WATER	TEMP 70 °		
	DISP. RATE 5 BPM	SLURRY	WT	15.2 PPG			
	PLUG LANDED @ 700 PSI	TOTAL	SLURRY	UOL	109.2 BBL CEMENT		
Remarks:	PREFLUSH w/ 20 BBL H2O	Tax Reference Code		Sub Total			
	DISPLACE w/ 43.8 BBL H2O	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		20			
1207/1218		Bulk Truck		20/20			

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