

G.W.O. 25-24

## CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 08-AUG-12	F.R. # 1001927800	SERV. SUPV. STEPHEN J CARDOS									
LEASE & WELL NAME GREAT WESTERN 25-24-24 API 05123356990000		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	Cement Basket, Slip On, 4-1/2 in			/	/	/	/						
	Centralizer, with Pins, 4-1/2 in			/	/	/	/						
	Float Collar, Auto Fill, 4-1/2 - 8rd			/	/	/	/						
	Float Shoe 4-1/2 - 8rd			/	/	/	/						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES										
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
ClayCare Water	N/A		0	8.34	0	0	00:00	20	/				
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF	N/A		322	14.6	1.38	5.90	05:42	79.11	45.21				
ClayCare Water	N/A		0	8.34	0	0	00:00	121.27	/				
Mud Clean II	N/A		0	8.5	0	0	00:00	20	/				
ClayCare Water	N/A		0	8.34	0	0	00:00	20	/				
PL+.6%SMS+8#/skCSE2	N/A		187	11	3.22	19.86	05:55	107.10	88.41				
Available Mix Water 500 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		367.47		133.62					
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	25	7842	4	4.5	11.6	CSG	7842	7264	N-80	7616	7605	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	702	700	NO PACKER	0	0	0	4.5	8RND	WATER BASED	8.4
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			
113.8	BBLs	ClayCare Water	8.34	1174	0	0	0	0	6224	3000	RIG TANK		
Circulation Prior to Job													
Circulated Well: Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 6 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal													
Displaced By: Rtg <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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		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 checked="" 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	4220 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:10	0	0	0	0	N/A	LEAVE YARD		
10:00	0	0	0	0	N/A	ARRIVE ON LOCATION, RUNNING CASING		
10:40	0	0	0	0	N/A	SPOT TRUCKS		
10:45	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING		
11:38	0	0	0	0	N/A	SAFETY MEETING		
12:01	4220	0	0	0	H2O	PRESSURE TEST		
12:04	432	0	7.2	20	H2O	CLAYCARE SPACER		
12:09	464	0	7.2	20	H2O	MUD CLEAN SPACER		
12:12	490	0	7.2	20	H2O	CLAY CARE SPACER		
12:16	224	0	6.5	171	CMT	BATCH/WEIGH/PUMP 11.0 LB CMT		
12:50	310	0	4.2	77	CMT	BATCH/WEIGH/PUMP 14.6 LB CMT		
13:07	0	0	0	0	CMT	DOWN/WASH UP/DROP PLUG		
13:17	617	0	7.2	80	H2O	DISPLACE		
13:29	842	0	6	20	H2O	DROP RATE		
13:34	1278	0	3.6	18	H2O	DROP RATE		
13:40	2548	0	0	0	H2O	BUMP PLUG/DOWN		
13:42	0	0	0	0	H2O	TEST FLOATS /BLEED OFF PRESSURE		

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	1278	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	441	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

FIELD RECEIPT NO. 1001927800



<b>CUSTOMER</b>		GREAT WESTERN OIL & GAS		<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20013943 - 00229266		<b>INVOICE NUMBER</b>	
<b>MAIL</b>		STREET OR BOX NUMBER		<b>CITY</b>		<b>STATE</b>		<b>ZIP CODE</b>			
<b>INVOICE TO :</b>		503 MAIN ST		Windsor		Colorado		80550			
<b>DATE WORK COMPLETED</b>		<b>MO.</b>	<b>DAY</b>	<b>YEAR</b>	<b>BHI REPRESENTATIVE</b>	<b>WELL API NO:</b>		<b>WELL TYPE :</b>			
08 08 2012		STEPHEN J CARDOS		05123356990000		New Well					
<b>DISTRICT</b>		BUS, BRIGHTON		<b>JOB DEPTH (ft)</b>		<b>WELL CLASS :</b>					
				7.616		Gas					
<b>WELL NAME AND NUMBER</b>		GREAT WESTERN 25-24-24		<b>TD WELL DEPTH (ft)</b>		<b>GAS USED ON JOB :</b>					
				7.626		No Gas					
<b>WELL LOCATION :</b>		LEGAL DESCRIPTION		<b>COUNTY/PARISH</b>		<b>STATE</b>		<b>JOB TYPE CODE :</b>			
		25-6N-67W		Weld		Colorado		Long String			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>	<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>				
100021	Class G Cement	sacks	163	29.700	4,841.10	55%	2,178.50				
100120	Bentonite	lbs	1044	0.500	522.00	55%	234.90				
100121	Silica Flour	lbs	5460	0.530	2,893.80	55%	1,302.21				
100275	Sodium Metasilicate	lbs	185	3.900	721.50	55%	324.66				
100317	Poz (Fly Ash)	sacks	163	13.200	2,151.60	55%	968.22				
398108	Mud Clean II	gals	840	1.610	1,352.40	55%	608.56				
398224	Premium Lite Cement	sacks	300	24.050	7,215.00	55%	3,246.75				
488013	CD-32	lbs	82	12.650	1,037.30	55%	466.79				
488015	FL-52	lbs	110	25.600	2,816.00	55%	1,267.20				
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				
499632	Granulated Sugar	lbs	50	3.490	174.50	55%	78.53				
499702	ClayCare, Clay Treat-2C, 260 g tote	gals	9	140.000	1,260.00	55%	567.00				
SUB-TOTAL FOR Product Material					29,345.45	55.00%	13,205.47				

**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 AUTHORIZED AGENT** \_\_\_\_\_

**SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS**

**SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.**

**CUSTOMER AUTHORIZED AGENT** \_\_\_\_\_

**BHI APPROVED** \_\_\_\_\_

FIELD RECEIPT NO. 1001927800



<b>CUSTOMER</b>			GREAT WESTERN OIL & GAS		<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b>		<b>INVOICE NUMBER</b>					
<b>MAIL</b>			STREET OR BOX NUMBER		CITY		STATE		ZIP CODE							
<b>INVOICE TO :</b>			503 MAIN ST		Windsor		Colorado		80550							
<b>DATE WORK COMPLETED</b>			MO. 08	DAY 08	YEAR 2012	<b>BH REPRESENTATIVE</b>		<b>WELL API NO:</b>		<b>WELL TYPE :</b>						
					STEPHEN J CARDOS		0512335690000		New Well							
<b>DISTRICT</b>			BUS, BRIGHTON		<b>JOB DEPTH (ft)</b>		<b>WELL CLASS :</b>		Gas							
					7.616											
<b>WELL NAME AND NUMBER</b>			GREAT WESTERN 25-24-24		<b>TD WELL DEPTH (ft)</b>		<b>GAS USED ON JOB :</b>		No Gas							
					7.626											
<b>WELL LOCATION :</b>			LEGAL DESCRIPTION		COUNTY/PARISH		STATE		<b>JOB TYPE CODE :</b>							
			25-6N-67W		Weld		Colorado		Long String							
<b>PRODUCT CODE</b>			<b>DESCRIPTION</b>		<b>UNIT OF MEASURE</b>		<b>QUANTITY</b>		<b>LIST PRICE UNIT</b>		<b>GROSS AMOUNT</b>		<b>% DISC.</b>		<b>NET AMOUNT</b>	
A152			Personnel Per Diem Chrg - Cement Svc		ea		1		161.500		161.50		0%		151.50	
M100			Bulk Materials Blending Charge		cu ft		805		4.170		3,366.85		55%		1,510.58	
			SUB-TOTAL FOR Service Charges								3,518.35		52.48%		1,672.08	
F067A			Cement Pumping, 7001 - 8000 ft		6hrs		1		7,925.000		7,925.00		55%		3,586.25	
F090			Fuel per pump charge - cement		pump/hr		2		61.000		122.00		0%		122.00	
J060			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		96		9.100		873.60		55%		393.12	
J391			Mileage, Auto, Pick-Up or Treating Van		miles		96		5.150		494.40		55%		222.48	
			SUB-TOTAL FOR Equipment								11,685.00		54.43%		5,325.35	
J401			Bulk Delivery, Dry Products		ton-mi		1510		3.030		4,575.30		55%		2,058.89	
			SUB-TOTAL FOR Freight/Delivery Charges								4,575.30		55.00%		2,058.89	
			FIELD ESTIMATE								49,124.10		54.68%		22,281.79	
<b>ARRIVE LOCATION :</b>			MO. 08	DAY 08	YEAR 2012	<b>TIME</b>		10:00		<b>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.</b>						
<b>CUSTOMER REP.</b>			SHAWN ARMSTRONG		<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>		<b>CUSTOMER AUTHORIZED AGENT</b>		X		<b>BH APPROVED</b>		X			
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>					<b>CUSTOMER AUTHORIZED AGENT</b>				X							



BJ Services JobMaster Program Version 3.50

Job Number: 1001929800

Customer: GREAT WESTERN

Well Name: GREAT WESTERN 25-24-04

C085

