

# CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 05-OCT-12	F.R. # 1001939337	SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME ANDREWS #26-53 - API 05123360390000		LOCATION 26-7N-65W		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	
Cement Plug, Rubber, Top 4-1/2 in		Float Shoe 4-1/2 - 8rd		None 0 0	
		Float Collar, AI Flap, 4-1/2 - 8rd		None 0 0	
		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	
Treated Water		N/A		SACKS OF CEMENT	SLURRY WGT PPG
Tail		N/A		0	8.34
Treated Water		N/A		330	14.6
Mud Clean II		N/A		0	8.34
Treated Water		N/A		0	8.5
Lead		N/A		0	8.34
Available Mix Water 800 Bbl.		Available Displ. Fluid 400 Bbl.		SLURRY YLD FT <sup>3</sup>	WATER GPS
				0	19.86
				3.22	03:30
				PUMP TIME HR:MIN	Bbl SLURRY
				00:00	20
				02:30	81
				00:00	114.23
				00:00	20
				00:00	20
				03:30	160
					132.08
				TOTAL	415.23 178.28
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT. TYPE	MD TVD GRADE
7.875	0	7373	4 4.5	11.6 CSG	7350 7350 N-80
				SHOE 7350	
				FLOAT 7330	
				STAGE 0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID OD	WGT. TYPE	MD TVD	BRAND & TYPE	DEPTH	TOP BTM
8.1 8.63	24 CSG	700 700	No Liner	0 0	0 0
				SIZE	THREAD
				4.5	8RD
				WELL FLUID	
				WATER BASED	
				WGT. 9.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	CAL. MAX PSI	OP. MAX
114.2	BBLs	Treated Water	8.34	BUMP PLUG	TO REV.
				1310	0
				0	0
				0	0
				0	0
				6224	3000
				Rig Tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1.5		
Mud Density In: 9.4 LBS/GAL			Circulation Rate: 6 BPM		
Mud Density Out: 9.4 LBS/GAL			PV & YP Mud In: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:			PV & YP Mud Out: 0		
			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"/> 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: 30		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Plugs					
Number of Attempts by BJ: 0			Competition: 0		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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"/>	
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  
 Number of Times Tests Conducted: 0  
 Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 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

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	TEST LINES 4300 PSI
11:00	0	0	0	0	N/A	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
14:00	0	0	0	0	N/A	Yard call	
15:16	0	0	0	0	N/A	Time left district	
15:20	0	0	0	0	N/A	Time arrived on location ( 45 Miles ) Rig was ready	
15:24	0	0	0	0	N/A	Spot trucks	
16:06	0	0	0	0	N/A	Pre rig up safety meeting	
16:25	4300	0	0	0	N/A	Pre job safety meeting	
16:28	395	0	7.2	20	WATER	Pressure test pumps and lines	
16:30	467	0	7.2	20	WATER	Clay Care water spacer	
16:35	527	0	7.2	20	WATER	Mud clean II Spacer	
16:40	557	0	7.2	157	CEMENT	Clay care water spacer	
17:07	442	0	6	82	CEMENT	Batch up, Weigh and pump 280 SXS of PLC + 4% Bentonite + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11.0 PPG	
17:27	0	0	0	0	N/A	Batch up weigh and pump 330 SXS (50:50) PoZ ( FLY ASH ) : Class G+ 0.3% CD-32 + 0.4% FL-52 + 0.9% SMS+ 20% S-8 @ 14.6 PPG	
17:37	757	0	7.2	80	WATER	Drop plug wash pumps and lines	
17:48	792	0	6	10	WATER	Start Clay care displacement	
17:50	939	0	4.8	10	WATER	Drop rate	
17:53	1232	0	3.6	12	WATER	Drop rate	
17:58	2509	0	3.6	112	WATER	Drop rate	
18:00	0	0	0	0	N/A	Bump plug	
18:02	0	0	0	0	N/A	Check floats	
18:38	0	0	0	0	N/A	Pre rig down safety meeting	
						Time off Location	

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2509	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 411	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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FIELD RECEIPT NO. 1001939337

CUSTOMER

GREAT WESTERN OIL & GAS

CREDIT APPROVAL NO.

PURCHASE ORDER NO.

CUSTOMER NUMBER  
20013943 - 00229266

INVOICE NUMBER

MAIL

STREET OR BOX NUMBER  
503 MAIN ST

CITY  
Windsor

STATE  
Colorado

ZIP CODE  
80550

INVOICE NUMBER

INVOICE TO

DATE WORK MO. DAY YEAR BH REPRESENTATIVE  
COMPLETED 10 05 2012 RYAN R STEVENS

WELL API NO:  
05123360390000

WELL TYPE:  
New Well

DISTRICT

BJS. BRIGHTON

JOB DEPTH (ft)  
7350

WELL CLASS:  
Gas

WELL NAME AND NUMBER

ANDREWS #26-53

TD WELL DEPTH (ft)  
7373

GAS USED ON JOB:  
No Gas

WELL

LOCATION : LEGAL DESCRIPTION  
26-7N-65W

COUNTRY/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	165				
100120	Bentonite	lbs	975				
100121	Silica Flour	lbs	5544				
100275	Sodium Metasilicate	lbs	397				
100317	Poz (Fly Ash)	sacks	165				
398108	Mud Clean II	gals	840				
398224	Premium Lite Cement	sacks	280				
488013	CD-32	lbs	84				
488015	FL-52	lbs	111				
488019	FP-6L	gals	5				
488353	CSE-2	lbs	2240				
499702	ClayCare, Clay Treat-2C, 260 gl tote	gals	8				

SUB-TOTAL FOR Product Material

ARRIVE

LOCATION : MO. DAY YEAR TIME  
10 05 2012 15:28

CUSTOMER REP.

Shawn Armstrong

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 AUTHORIZED AGENT

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

BH APPROVED



FIELD RECEIPT NO. 1001939337

**CUSTOMER**

GREAT WESTERN OIL & GAS

CREDIT APPROVAL NO.

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20013943 - 00229266

INVOICE NUMBER

**MAIL**

STREET OR BOX NUMBER  
503 MAIN ST

CITY  
Windsor

STATE  
Colorado

ZIP CODE  
80550

**INVOICE TO**

**DATE WORK COMPLETED**

MO. DAY YEAR  
10 05 2012

BH REPRESENTATIVE  
RYAN R STEVENS

WELL API NO.  
05123360390000

WELL TYPE:  
New Well

**DISTRICT**

BJS, BRIGHTON

JOB DEPTH(ft)  
0

WELL CLASS:  
Gas

**WELL NAME AND NUMBER**

ANDREWS #26-53

TD WELL DEPTH(ft)  
0

GAS USED ON JOB:  
No Gas

**WELL**

**LOCATION :**

LEGAL DESCRIPTION  
26-7N-65W

COUNTY/PARISH  
Weld

STATE  
Colorado

JOB TYPE CODE:  
Long String

**PRODUCT CODE**

A152

M100

F067A

F090

J050

J225

J390

J391

J401

DESCRIPTION

Personnel Per Diem Chrg - Cement Svc

Bulk Materials Blending Charge

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

Bulk Delivery, Dry Products

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