

# CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 01-OCT-12	F.R. # 1001938627	SERV. SUPV. COLE W MARRIOTT									
LEASE & WELL NAME ANDREWS #26-24 - API 05123360370000		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 Collar, Dif 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 FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Treated Water		0		0	8.34	0	0	00:00	20				
Tail		0		243	14.6	1.38	5.90	02:30	59.70	34.12			
Treated Water		0		0	8.34	0	0	00:00	114.19				
Mud Clean II		0		0	8.5	0	0	00:00	20				
Treated Water		0		0	8.34	0	0	00:00	20				
Lead		0		187	11	3.22	19.86	03:30	107.10	88.41			
Available Mix Water 800 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL				340.99	122.53				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	0	7403	4	4.5	11.6	CSG	7365	7334	N-80	7365	7344	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	
8.1	8.63	24	CSG	700	700	No Packer		0	0	0	4.5	8RD	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI		RATED		Operator	
114.2	BBLs	Treated Water		8.34	1144	0		0		0		0	
										6224		3000	
												Rig	
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 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							
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							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None													

# CEMENT JOB REPORT



## 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

### 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	4522 PSI
13:00	0	0	0	0	N/A	CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:05	0	0	0	0	N/A	Arrive on location 45 miles	
13:15	0	0	0	0	N/A	Spot trucks rig circulating	
13:30	0	0	0	0	N/A	Pre rig up safety meeting	
14:06	4522	0	0	0	H2O	Pre job safety meeting	
14:09	400	0	7.2	20	H2O	Pressure test	
14:13	435	0	7.2	20	H2O	Claycare spacer	
14:16	509	0	7.2	20	H2O	Mud clean I	
14:20	204	0	7.2	153	CMT	Claycare spacer	
14:45	398	0	7.2	73	CMT	Batch up weigh and pump 275 sxs of PLC + 4% Gel + 0.6% Sodium Metasilicate + 8lbs/sack CSE-2	
15:02	0	0	0	0	N/A	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% bwoo Silica Flour	
15:08	908	0	7.2	90	H2O	Drop plug	
15:22	1226	0	5	20	H2O	Displacement	
15:25	2571	0	3.6	4	H2O	Bump plug	
						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	1226	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	400	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001933627

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 TO :

DATE WORK MO. DAY YEAR BHI REPRESENTATIVE

COMPLETED 10 01 2012 COLE W/MARRIOTT

WELL API NO:

05123360370000

WELL TYPE :

New Well

WELL CLASS :

Gas

DISTRICT

BJS, BRIGHTON

JOB DEPTH (ft)

7.365

WELL DEPTH (ft)

7.403

GAS USED ON JOB :

No Gas

WELL NAME AND NUMBER

ANDREWS #26-24

TD WELL DEPTH (ft)

7.403

JOB TYPE CODE :

Long String

WELL LOCATION :

LEGAL DESCRIPTION

26-7N-65W

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				
100120	Bentonite	lbs	957				
100121	Silica Flour	lbs	5208				
100275	Sodium Metasilicate	lbs	170				
100317	Poz (Fly Ash)	sacks	155				
398108	Mud Clean II	sacks	840				
398224	Premium Lite Cement	sacks	275				
488013	CD-32	lbs	79				
488015	FL-52	lbs	105				
488019	FP-6L	gals	5				
488353	CSE-2	lbs	2200				
499702	Clay/Care, Clay Treat-2C, 260 gl tote	gals	8				
SUB-TOTAL FOR Product Material							

ARRIVE MO. DAY YEAR TIME  
LOCATION : 10 01 2012 13:00

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.

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

CUSTOMER AUTHORIZED AGENT

X BHI APPROVED

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS



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GREAT WESTERN OIL & GAS

CREDIT APPROVAL NO.

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CUSTOMER NUMBER  
20013943 - 00229266

INVOICE NUMBER

MAIL

STREET OR BOX NUMBER  
503 MAIN ST

CITY  
Windsor

STATE  
Colorado

ZIP CODE  
80550

INVOICE TO :

DATE WORK MO. DAY YEAR  
COMPLETED 10 01 2012

BH REPRESENTATIVE  
COLE W MARIOTT

WELL API NO:  
05123360370000

WELL TYPE :  
New Well

DISTRICT

BUS, BRIGHTON

JOB DEPTH (ft)  
7,365

WELL CLASS :  
Gas

WELL NAME AND NUMBER

ANDREWS #26-24

TD WELL DEPTH (ft)  
7,403

GAS USED ON JOB :  
No Gas

WELL

LEGAL DESCRIPTION  
26-7N-65W

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

A152 Personnel Per Diem Chrg - Cement Svc  
M100 Bulk Materials Blending Charge

ea

752

1

1

SUB-TOTAL FOR Service Charges

F067A Cement Pumping, 7001 - 8000 ft

F090 Fuel per pump charge - cement

J050 Cement Head

J225 Data Acquisition, Cement, Standard

J390 Mileage, Heavy Vehicle

J391 Mileage, Auto, Pick-Up or Treating Van

hrs

1

1

1

SUB-TOTAL FOR Equipment

J401 Bulk Delivery, Dry Products

ton-mi

1324

1

1

SUB-TOTAL FOR Freight/Delivery Charges

FIELD ESTIMATE

ARRIVE MO. DAY YEAR TIME  
LOCATION : 10 01 2012 13:00

CUSTOMER REP.

Shawn Armstrong

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X

BH APPROVED

X