

# CEMENT JOB REPORT



<b>CUSTOMER</b> WARD PETROLEUM CORP		<b>DATE</b> 18-DEC-14		<b>F.R. #</b> 10011127072		<b>SERV. SUPV.</b> ERIC S DEWIT	
<b>LEASE &amp; WELL NAME</b> COLORADO ENERGY FEDERAL #14-1 - API 051231		<b>LOCATION</b> 14-10N-64W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> WO		<b>TYPE OF JOB</b> Plug & Abandon			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>
Cement Plug, Rubber, Top 9-5/8 in		No Shoe					
<b>PHYSICAL SLURRY PROPERTIES</b>							
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
Fresh Water				3	8.34	0	0
Class G Neat				151	15.8	1.15	5.00
Fresh Water					8.34		
Available Mix Water 150 Bbl.		Available Displ. Fluid 150 Bbl.		<b>TOTAL</b>		51.92	18.00
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>
0	0	0	4	4.5	11.6	CSG	1448
			1.995	2.375	4.7	TBG	1448
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>
						No Packer	0
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
0	BBLs	Fresh Water	8.34	0	0	0	1500
				<b>MAX CSG PSI</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>
				1500	2500	1500	2500
				<b>MIX WATER</b>			
				Tanker			
<b>Circulation Prior to Job</b>							
Circulated Well: Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0			
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 LBS/GAL			
PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rtg <input type="checkbox"/> BJ <input type="checkbox"/>				Amount Bled Back After Job: 0 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD							
<b>Plugs</b>							
Number of Attempts by BJ: 1				Competition: 1			
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: 1448 FT			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 0 PSI		With 0 LBS/GAL		Mud		Time Held: 00 Hours 00 Minutes	
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>							
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					

# CEMENT JOB REPORT



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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 2865 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
10:17	0	0	0	0	N/A	Leave yard			
12:39	0	0	0	0	N/A	Arrive on location (81 Miles)			
13:00	0	0	0	0	N/A	Spot trucks on location			
13:05	0	0	0	0	N/A	Pre rig up safety meeting			
13:50	0	0	0	0	N/A	Pre job safety meeting			
14:07	54	0	1	3	H2O	Load pumps and lines (establish circulation)			
14:12	2865	0	0	0	H2O	Pressure test pumps and lines			
14:20	109	0	2	20	CMT	Batch, weigh, and pump cement @15.8 ppg			
14:34	0	0	0	0	N/A	Shut down got cement to surface, rig pulls tubing leaving 2 joints in hole			
15:17	102	0	2.6	6	CMT	Pump cement to fill to surface after they pulled tubing			
15:21	0	0	0	0	N/A	Shut down got good cement to surface			
15:22	0	0	0	0	N/A	Swap over to wash up through the rigs lines			
15:50	0	0	0	0	N/A	Pre rig down safety meeting			
16:35	0	0	0	0	N/A	Leave location			
19:20	0	0	0	0	N/A	Arrive back at the yard			
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:	
Y <input checked="" type="checkbox"/> N			Y <input checked="" type="checkbox"/> N	0	29	0	Y <input type="checkbox"/> N		



**BAKER  
HUGHES**

Report Time: on: December 19, 2014 6:06 PM

FIELD RECEIPT NO. 10011127072



CUSTOMER		WARD PETROLEUM CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		502 SOUTH FILLMORE		END		Oklahoma		73702			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE:			
12		18	2014		ERIC S DEWIT	05123189780000		New Well			
DISTRICT		PP. BRIGHTON		JOB DEPTH (ft)		1,448		WELL CLASS:		Oil	
WELL NAME AND NUMBER		COLORADO ENERGY FEDERAL #14-1		TD WELL DEPTH (ft)		1,448		GAS USED ON JOB:		No Gas	
WELL LOCATION:		LEGAL DESCRIPTION		COUNTRY/PARISH		STATE		JOB TYPE CODE:			
		14-10N-64W		Weld		Colorado		Plug & Abandon			
PRODUCT CODE	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
F055A	Cement Pumping, 1001 - 2000 ft		4hrs	1	4,875.000	4,875.00	30%	3,412.50			
F090	Fuel per pump charge - cement		pump/hr	2	70.250	140.50	0%	140.50			
J225	Data Acquisition, Cement, Standard		job	1	2,130.000	2,130.00	30%	1,491.00			
J390	Mileage, Heavy Vehicle		miles	162	11.850	1,919.70	30%	1,343.79			
J391	Mileage, Auto, Pick-Up or Treating Van		miles	162	6.700	1,085.40	30%	759.78			
J401	Bulk Delivery, Dry Products		ton-mi	594	3.940	2,340.36	30%	1,638.25			
		SUB-TOTAL FOR Freight/Delivery Charges:				2,340.36	30.00%	1,638.25			
		FIELD ESTIMATE				20,995.76	30.34%	14,626.58			
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.					
12		19	2014	12:39							
CUSTOMER REP.		Tim Shunwood				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT					
						X BHI APPROVED					



Baker Hughes JobMaster Program Version 4.02

Job Number:

Customer:

Well Name:

## Colorado Energy Federal 14-1 Plug

