

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) IN		<b>DATE</b> 22-AUG-13	<b>F.R. #</b> 10011009235	<b>SERV. SUPV.</b> LANCE N WEBB	
<b>LEASE &amp; WELL NAME</b> BILLINGS #1 - API 05123098330000		<b>LOCATION</b> 34-2N-68W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado	
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> W/O		<b>TYPE OF JOB</b> Plug Back	
<b>SIZE &amp; TYPE OF PLUGS</b>	<b>LIST-CSG-HARDWARE</b>	<b>MECHANICAL BARRIERS</b>	<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES MD TVD</b>
<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	0	0	8.3	0	0 00:00
Cement Slurry	0	200	15.8	1.16	5.00 00:00
Fresh Water	0	0	8.34	0	0 00:00
<b>Available Mix Water</b> 100 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 50 <b>Bbl.</b>		<b>TOTAL</b> 46.19 23.82	
<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>
7.875	0	800	4	4.5	11.6
		<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>
		CSG	816	816	N-80
<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>
8.1	8.63	24	CSG	415	415
		<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>
		NO PACKER	0	0	0
		<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
		1.66	8RD	WATER BASED	8.4
<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>
0	BBLs	Fresh Water	8.34	0	0
		<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>MAX CSG PSI</b>
		0	11800	9440	0
		<b>Operator</b>	<b>RATED</b>	<b>Operator</b>	<b>MIX WATER</b>
		0	0	0	TRUCK
<b>Circulation Prior to Job</b>					
<b>Circulated Well:</b> Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			<b>Circulation Time:</b> .5		
<b>Mud Density In:</b> 8.4 LBS/GAL			<b>Mud Density Out:</b> 8.4 LBS/GAL		
<b>Gas Present:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			<b>Units:</b>		
			<b>Circulation Rate:</b> 1.5 BPM		
			<b>PV &amp; YP Mud In:</b> 0		
			<b>PV &amp; YP Mud Out:</b> 0		
			<b>Solids Present at End of Circulation:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		
<b>Displacement And Mud Removal</b>					
<b>Displaced By:</b> Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			<b>Amount Bled Back After Job:</b> 0 BBLs		
<b>Returns During Job:</b> <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			<b>Method Used to Verify Returns:</b> VISUAL		
<b>Cement Returns at Surface:</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			<b>Were Returns Planned at Surface:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
<b>Pipe Movement:</b> <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
<b>Centralizers:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Quantity:</b>		
			<b>Type:</b> <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
<b>Job Pumped Through:</b> <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD					
<b>Plugs</b>					
<b>Number of Attempts by BJ:</b> 0			<b>Competition:</b> 0		
<b>Plug Catcher Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Wiper Balls Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
<b>Was There a Bottom:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Parabow Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			<b>Top of Plug:</b> 0 FT		
			<b>Bottom of Plug:</b> 0 FT		
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>					
<b>BLOCK SQUEEZE</b> <input type="checkbox"/> <b>SHOE SQUEEZE</b> <input type="checkbox"/> <b>TOP OF LINER SQUEEZE</b> <input type="checkbox"/> <b>PLANNED</b> <input type="checkbox"/> <b>UNPLANNED</b> <input type="checkbox"/>					
<b>Liner Packer:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<b>Bond Log:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<b>PSI Applied:</b> 0					
<b>Fluid Weight:</b> 0 LBS/GAL					
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>					
<b>Casing Test Pressure:</b> 0 PSI					
<b>With</b> 0 LBS/GAL <b>Mud</b>					
<b>Time Held:</b> 00 Hours 00 Minutes					
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>					
<b>Depth Drilled out of Shoe:</b> 0 FT					
<b>Target EMW:</b> 0 LBS/GAL					
<b>Actual EMW:</b> 0 LBS/GAL					
<b>Number of Times Tests Conducted:</b> 0					
<b>Mud Weight When Test was Conducted:</b> 0 LBS/GAL					
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:</b> NONE					

# 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

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	3152 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:45	0	0	0	0	NA	ARRIVED ON LOCATION	
07:00	0	0	0	0	NA	SPOT TRUCKS	
07:30	0	0	0	0	NA	SAFETY MEETING	
07:43	3152	0	0	0	H2O	PSI TEST	
07:48	150	0	1.5	5	H2O	H2O SPACER	
07:50	255	0	1.5	41	CMT	BATCH/WEIGH/PUMP CMT @ 15.8 PPG	
08:19	480	0	1.5	1	H2O	DISPLACEMENT	
08:20	0	0	0	0	H2O	SHUT DOWN	
09:00	0	0	0	0	NA	LEAVE LOCATION	

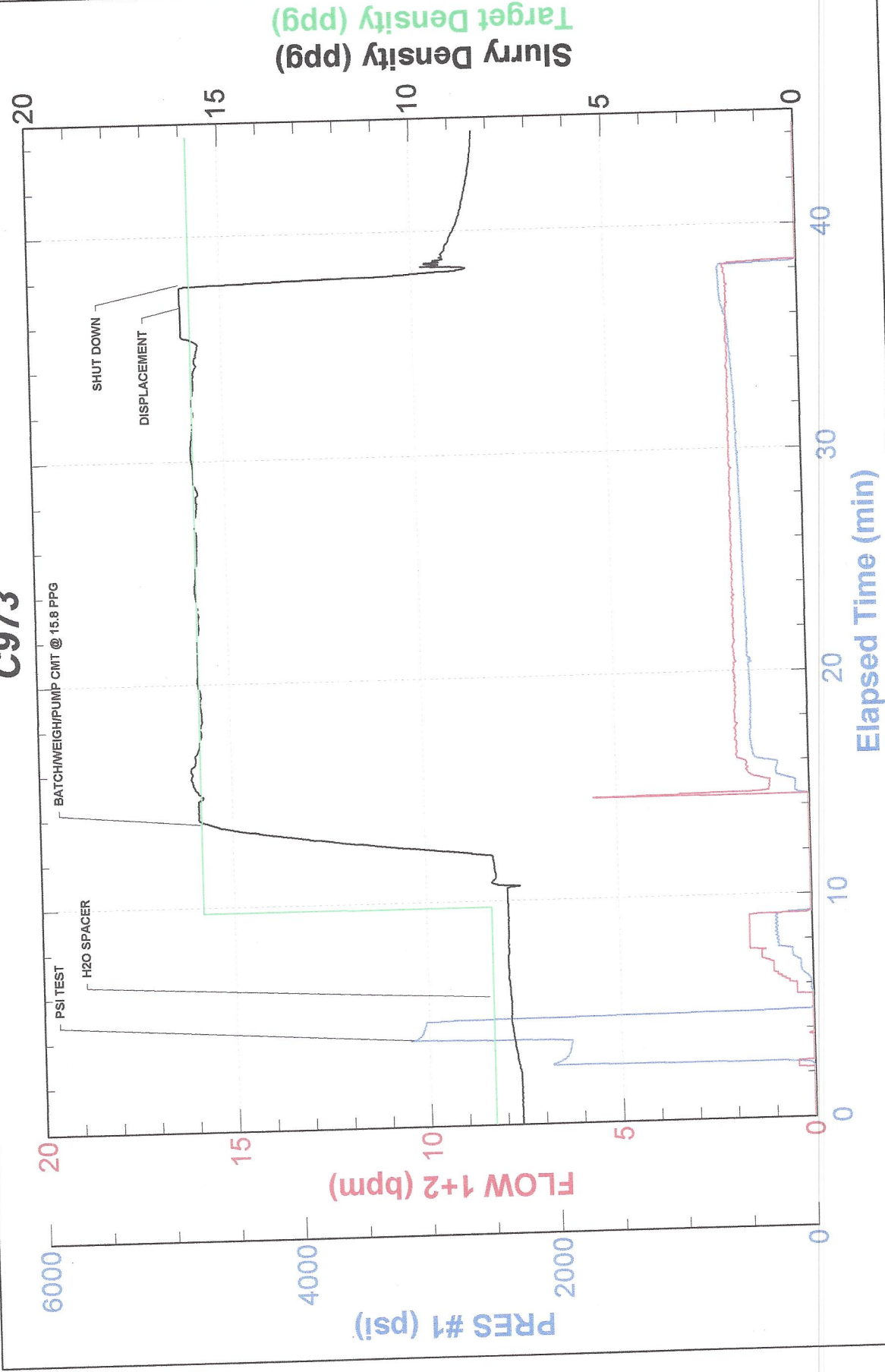
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 47	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 
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Baker Hughes JobMaster Program Version 3.60  
Job Number: 10011009235  
Customer: ENCANA  
Well Name: BILLINGS 1

C973



Job Start: Thursday, August 22, 2013

Baker Hughes



FIELD RECEIPT NO. 10011009235

<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20011760 - 20011760		<b>INVOICE NUMBER</b>	
<b>MAIL</b> STREET OR BOX NUMBER PO BOX 10829				<b>CITY</b> midland		<b>STATE</b> Texas		<b>ZIP CODE</b> 79702			
<b>DATE WORK COMPLETED</b> MO. 08 DAY 22 YEAR 2013		<b>BHI REPRESENTATIVE</b> LANCE N WEBB		<b>WELL API NO:</b> 05123098330000		<b>WELL TYPE:</b> Old Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 816		<b>WELL CLASS:</b> Gas					
<b>WELL NAME AND NUMBER</b> BILLINGS #1				<b>TD WELL DEPTH (ft)</b> 816		<b>GAS USED ON JOB:</b> No Gas					
<b>WELL LOCATION:</b> 34-2N-68W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE:</b> Plug Back					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	200	31.800	6,360.00	45%	3,498.00		
488019	FP-6L			gals	2	104.250	208.50		208.50		
499632	Granulated Sugar			lbs	50	3.840	192.00		192.00		
SUB-TOTAL FOR Product Material							6,760.50	42.33%	3,898.50		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge			cu ft	201	5.450	1,095.45	45%	602.50		
SUB-TOTAL FOR Service Charges							1,305.45	37.76%	812.50		
F053A	Cement Pumping, 0 - 1000 ft			4hrs	1	3,200.000	3,200.00	45%	1,760.00		
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	45%	1,171.50		
J390	Mileage, Heavy Vehicle			miles	32	11.850	379.20	45%	208.56		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	32	6.700	214.40	45%	117.92		
SUB-TOTAL FOR Equipment							6,064.10	43.96%	3,398.48		
<b>ARRIVE LOCATION:</b> MO. 08 DAY 22 YEAR 2013 TIME 06:45				<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> TOMMY FLYNN				<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>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>BHI APPROVED</b> <i>Eric Harbo</i> X							



FIELD RECEIPT NO. 10011009235

CUSTOMER ENCANA OIL & GAS (USA) INC		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20011760 - 20011760		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER PO BOX 10829		CITY midland		STATE Texas		ZIP CODE 79702			
DATE WORK COMPLETED MO. 08 DAY 22 YEAR 2013	BHI REPRESENTATIVE LANCE N WEBB	WELL API NO. 05123098330000		WELL TYPE : Old Well					
DISTRICT BJS, BRIGHTON		JOB DEPTH (ft) 816		WELL CLASS : Gas					
WELL NAME AND NUMBER BILLINGS #1		TD WELL DEPTH (ft) 816		GAS USED ON JOB : No Gas					
WELL LOCATION : LEGAL DESCRIPTION 34-2N-68W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Plug Back			
PRODUCT CODE J401	DESCRIPTION Bulk Delivery, Dry Products SUB-TOTAL FOR Freight/Delivery Charges	UNIT OF MEASURE ton-mi	QUANTITY 151	LIST PRICE UNIT 3.940	GROSS AMOUNT 594.94 594.94	% DISC. 45% 45.00%	NET AMOUNT 327.22 327.22		
FIELD ESTIMATE				14,724.99		42.70%	8,436.70		

AF# 761793 was  
CODE 8271.738

ARRIVE LOCATION : MO. 08 DAY 22 YEAR 2013 TIME 06:45	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. TOMMY FLYNN	<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/> BHI APPROVED.		<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/> BHI APPROVED.
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS	CUSTOMER AUTHORIZED AGENT		