

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC			<b>DATE</b> 12-DEC-11		<b>F.R. #</b> 1001873718		<b>SERV. SUPV.</b> RYAN SULLIVAN		
<b>LEASE &amp; WELL NAME</b> ELMQUIST #2-4-23 - API 05123319770000			<b>LOCATION</b> 23-2N-68W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 122			<b>TYPE OF JOB</b> Surface			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 8-5/8 in	Cement Basket, Slip On, 8-5/8 in	/					
	Centralizer, with Pins, 8-5/8 in						
	Insert Float, LTC, 8-5/8 - 8rd						
	Guide Shoe, Cement Nose, 8-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water		0	8.34	0	0	00:00	47.2	
Fresh Water + Dye		0	8.34	0	0	00:00	10	
Type III+1.5%CaCl+ .15#/SK		330	14.5	1.41	6.82	02:30	82.9	53.75
Fresh Water		0	8.34	0	0	00:00	20	
Available Mix Water 100 Bbl.		Available Displ. Fluid 100 Bbl.		TOTAL		160.1		53.75

HOLE				TBG-CSG-D.P.						COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	40	795	8.097	8.625	24	CSG	783	783	J-55	783	741	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.
						No packer	0			8.625	8RD	WATER BASED	8.5

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					
47.2	BBLS	Fresh Water	8.34	544	0	0	0	0	2360	1000					Rig

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1.5	
Mud Density In: 8.5 LBS/GAL		Mud Density Out: 8.5 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: .2 BBLS	
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: Visually	
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"/> 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: 6	
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	

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 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)  
 Floats did not hold, pressured up to 250 psi and shut-in manifold, per customer request.

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	2746 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:14	0	0	0	0	N/A	Arrive on location, 18 miles, rig is circulating	
18:15	0	0	0	0	N/A	Pre-job safety meeting	
18:38	2746	0	0	0	WATER	Pressure test	
18:41	129	0	4.7	20	WATER	Freshwater	
18:45	128	0	4.7	10	WATER	Dyed water spacer	
18:48	201	0	5	79	CEMENT	Batch-up, weigh, & pump 330 sx of Type III + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
19:08	0	0	0	0	N/A	Release plug	
19:11	146	0	5	44	WATER	Displace	
19:23	279	0	2.4	4	WATER	Rate change	
19:25	642	0	2.4	48	WATER	Bump plug, 10 bbls cement to surface	
19:30	250	0	0	0	WATER	Floats did not hold, pressured up to 250 psi and shut-in manifold @ customer request	
19:35	0	0	0	0	N/A	Pre-rig down safety meeting	
20:15	0	0	0	0	N/A	Leave location	

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	642	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	157	250	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

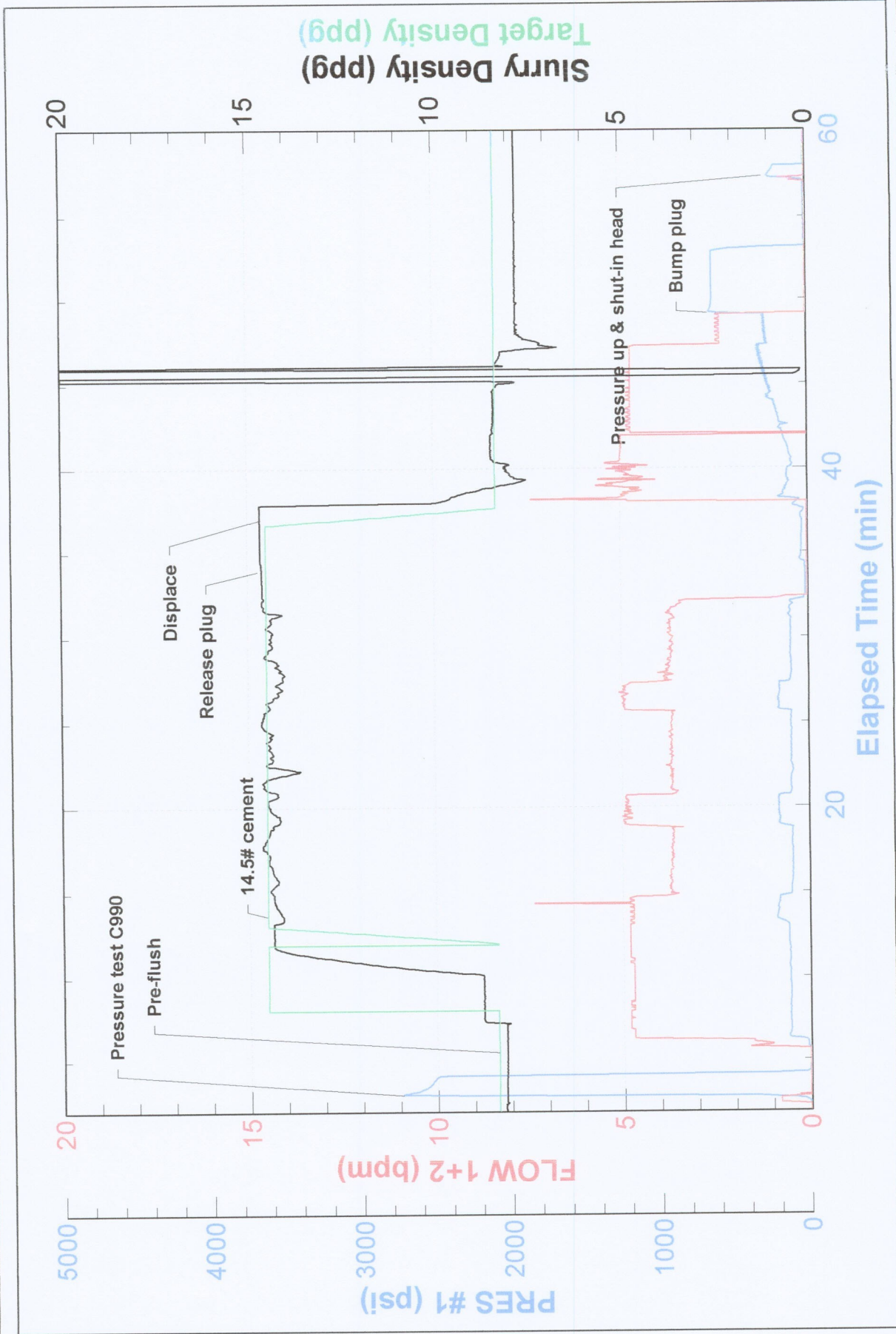


BJ Services JobMaster Program Version 3.50

Job Number: 1001873718

Customer: EnCana

Well Name: Elquist #2-4-23







FIELD RECEIPT NO. 1001873718

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 12	DAY 12	YEAR 2011	BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123319770000		WELL TYPE : New Well		
DISTRICT BRIGHTON					JOB DEPTH (ft) 783		WELL CLASS : Gas				
WELL NAME AND NUMBER ELMQUIST #2-4-23					TD WELL DEPTH (ft) 795		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 23-2N-68W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	466	1.440	671.04	55%	301.97	
100295	Cello Flake				lbs	50	4.570	228.50	55%	102.83	
488019	FP-6L				gals	4	93.500	374.00	55%	168.30	
499632	Granulated Sugar				lbs	50	3.290	164.50	55%	74.03	
499680	Static Free				lbs	27	35.800	966.60	55%	434.97	
499703	Type III Cement				sacks	330	26.900	8,877.00	55%	3,994.65	
SUB-TOTAL FOR Product Material								11,281.64	55.00%	5,076.75	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Service Charge				cu ft	344	3.930	1,351.92	55%	608.36	
SUB-TOTAL FOR Service Charges								1,503.92	49.44%	760.36	
ARRIVE LOCATION : 12 12 2011 17:14					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 REP. Wes Harrison					CUSTOMER AUTHORIZED AGENT						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED						





FIELD RECEIPT NO. 1001873718

CUSTOMER ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER		CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK MO. 12 DAY 12 YEAR 2011		BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123319770000		WELL TYPE: New Well			
COMPLETED 12 12 2011				JOB DEPTH (ft) 783		WELL CLASS: Gas			
DISTRICT BRIGHTON				TD WELL DEPTH (ft) 795		GAS USED ON JOB: No Gas			
WELL NAME AND NUMBER ELMQUIST #2-4-23		LEGAL DESCRIPTION 23-2N-68W		COUNTY/PARISH Weld		JOB TYPE CODE: Surface			
WELL LOCATION:									
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F003A	Cement Pumping, 0 - 1000 ft			4hrs	1	3,250.00	3,250.00	55%	1,462.50
F090	Fuel per pump charge - cement			pump/hr	2	57.500	115.00	0%	115.00
J050	Cement Head			job	1	595.000	595.00	55%	267.75
J225	Data Acquisition, Cement, Standard			job	1	1,540.000	1,540.00	55%	693.00
J390	Mileage, Heavy Vehicle			miles	36	8.550	307.80	55%	138.51
J391	Mileage, Auto, Pick-Up or Treating Van			miles	36	4.830	173.88	55%	78.25
	SUB-TOTAL FOR Equipment						5,981.68	53.94%	2,755.01
J401	Bulk Delivery, Dry Products			ton-mi	285	2.850	812.25	55%	365.51
	SUB-TOTAL FOR Freight/Delivery Charges						812.25	55.00%	365.51
	FIELD ESTIMATE						19,579.49	54.25%	8,957.63
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. Wes Harrison				CUSTOMER AUTHORIZED AGENT <i>[Signature]</i> X BHI APPROVED					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X					