

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC		<b>DATE</b> 13-JAN-12	<b>F.R. #</b> 1001880987	<b>SERV. SUPV.</b> AARON M MCWILLIAMS	
<b>LEASE &amp; WELL NAME</b> ROSS #12-19 - API 05123217660000		<b>LOCATION</b> 19-2N-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, Bottom 8-5/8	Float Collar, Auto Fill, 8-5/8 - 8rd						
	Guide Shoe, Cement Nose, 8-5/8 i						
	Cement Basket, Slip On, 8-5/8 in						
	Centralizer, with Pins, 8-5/8 in						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		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	49.4	
Fresh Water + Dye		0	8.34	0	0	00:00	30	
Type III+1.5%CaCl <sub>2</sub> .15#/SK		315	14.5	1.41	6.82	02:30	79.1	51.29
Available Mix Water 400 Bbl.	Available Displ. Fluid 300 Bbl.	<b>TOTAL</b>					158.5	51.29

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	40	830	8.097	8.625	24	CSG	818	818	J-55	818	776	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	9.6

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	
49	BBLs	Fresh Water	8.34	248	0	0	0	0	2360	1000	Rig tank

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1      Circulation Rate: 7 BPM	
Mud Density In: 9.6 LBS/GAL      Mud Density Out: 9.6 LBS/GAL		PV & YP Mud In: 0      PV & YP Mud Out: 0	
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 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: 0 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"/> 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: 7      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) 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 3386 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
02:00	0	0	0	0	N/A	Yard call			
03:55	0	0	0	0	N/A	Leave yard			
04:25	0	0	0	0	N/A	Arrive on locatioin 21 miles rig circulating			
04:30	0	0	0	0	N/A	Spot trucks			
04:35	0	0	0	0	N/A	Rig up safety meeting			
05:00	0	0	0	0	N/A	Pre job safety meeting			
05:20	3386	0	0	0	H2O	Pressure test pumps and lines			
05:23	221	0	5.6	20	H2O	Preflush			
05:27	224	0	5.6	10	H2O	Dyed spacer			
05:33	371	0	5	73	CMT	Batch up and pump 315 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.42 yield 6.82 gps			
05:57	0	0	0	0	N/A	Drop plug			
06:02	385	0	5.6	30	H2O	Displacement			
06:07	348	0	4.1	10	H2O	Rate change			
06:09	331	0	2.6	9	H2O	Rate change			
06:13	348	0	2.6	49	H2O	Bump plug			
06:13	633	0	0	0	N/A	Plug down @ 49 bbl's			
06:15	620	0	0	0	N/A	Shut in			
06:16	0	0	0	0	N/A	Rig down safety meeting			
07:00	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	633	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	7	152	620	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



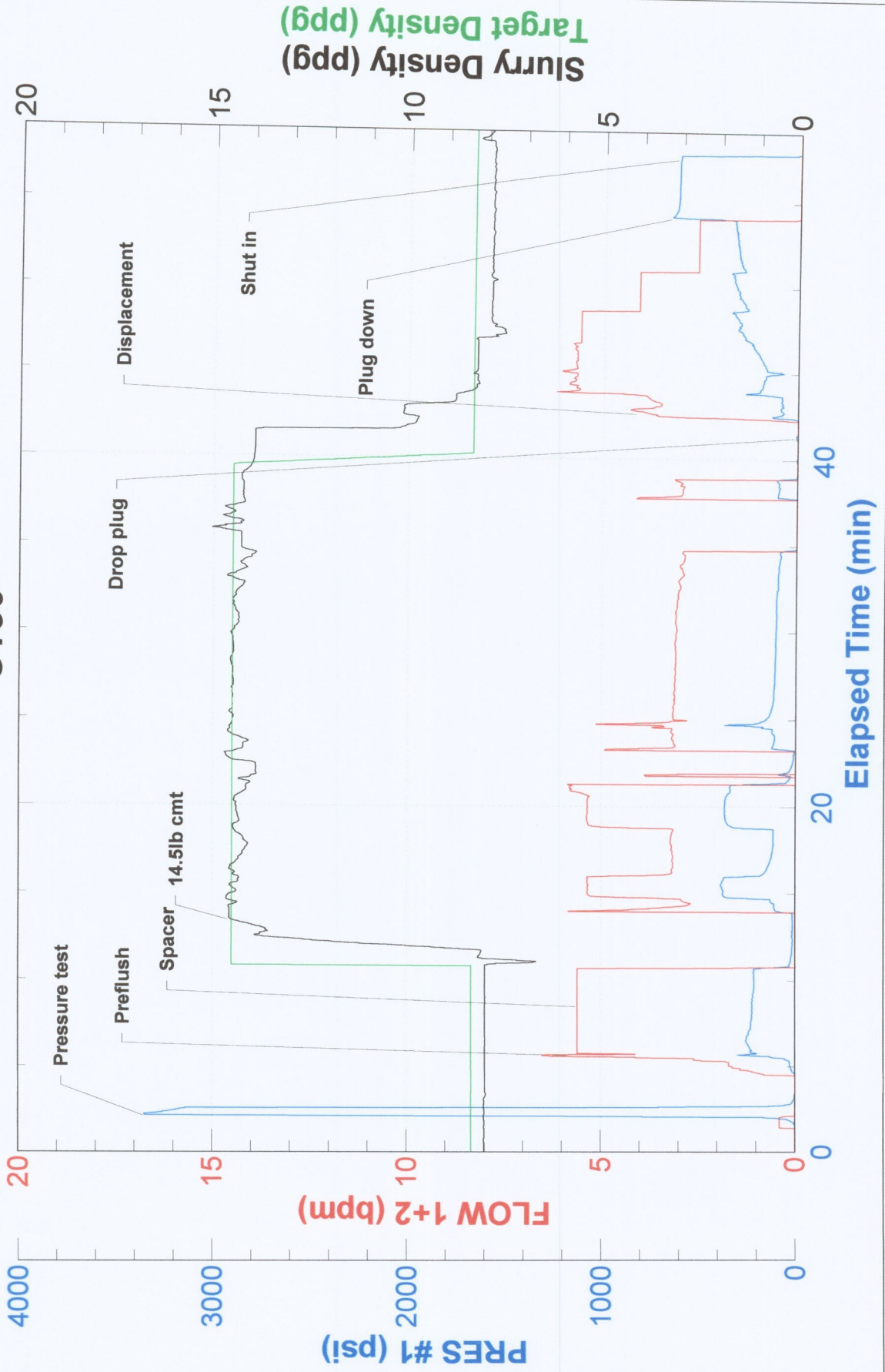
BJ Services JobMaster Program Version 3.50

Job Number: 1001880987

Customer: EnCana

Well Name: Ross #12-19

C156







FIELD RECEIPT NO. 1001880987

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 01	DAY 13	YEAR 2012	BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123217660000		WELL TYPE : New Well		
DISTRICT BRIGHTON					JOB DEPTH(ft) 776		WELL CLASS : Gas				
WELL NAME AND NUMBER ROSS #12-19					TD WELL DEPTH(ft) 830		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 19-2N-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	444	1.440	639.36	55%	287.71	
100112	Calcium Chloride				lbs	250	1.440	360.00	100%	0.00	
100295	Cello Flake				lbs	48	4.570	219.36	55%	98.71	
100404	Sodium Chloride				lbs	150	0.460	69.00	100%	0.00	
488019	FP-6L				gals	3	93.500	280.50	55%	126.23	
499632	Granulated Sugar				lbs	50	3.290	164.50	55%	74.03	
499680	Static Free				lbs	26	35.800	930.80	55%	418.86	
499703	Type III Cement				sacks	315	26.900	8,473.50	55%	3,813.08	
SUB-TOTAL FOR Product Material								11,137.02	56.73%	4,818.62	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Service Charge				cu ft	339	3.930	1,332.27	55%	599.52	
SUB-TOTAL FOR Service Charges								1,484.27	49.37%	751.52	
<p>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.</p> <p>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</p>											
<p>CUSTOMER REP. Wes Harrison</p>					<p>CUSTOMER AUTHORIZED AGENT X</p>						
<p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p>					<p>CUSTOMER AUTHORIZED AGENT X</p>						





FIELD RECEIPT NO. 1001880987

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 01	DAY 13	YEAR 2012	BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123217660000		WELL TYPE : New Well		
DISTRICT BRIGHTON					JOB DEPTH(ft) 776		WELL CLASS : Gas				
WELL NAME AND NUMBER ROSS #12-19					TD WELL DEPTH(ft) 830		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 19-2N-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	
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	42	8.550	359.10	55%	161.60	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	42	4.830	202.86	55%	91.29	
	SUB-TOTAL FOR Equipment							6,061.96	53.96%	2,791.14	
J401	Bulk Delivery, Dry Products				ton-mi	321	2.850	914.85	55%	411.68	
	SUB-TOTAL FOR Freight/Delivery Charges							914.85	55.00%	411.68	
	FIELD ESTIMATE							19,598.10	55.24%	8,772.96	
ARRIVE LOCATION : MO. 01 DAY 13 YEAR 2012 TIME 04:25					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>Wes Harrison</i>					X CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT <i>Wes Harrison</i>					X BHI APPROVED	