

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC		<b>DATE</b> 16-DEC-11		<b>F.R. #</b> 1001874399		<b>SERV. SUPV.</b> RYAN SULLIVAN	
<b>LEASE &amp; WELL NAME</b> ARISTOCRAT ANGUS #6-4-2 - API 0512333027000		<b>LOCATION</b> 2-3N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 17		<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 13-3/8 in	Cement Basket, Slip On, 13-3/8 in						
	Centralizer, with Pins, 13-3/8 in						
	Insert Float, STC, 13-3/8 - 8rd						
	Float Shoe 13-3/8 - 8rd						

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	110.4	
Fresh Water + Dye		0	8.34	0	0	00:00	15	
Type III+1.5%CaCl+.15#/SK		315	14.5	1.41	6.82	02:30	79.1	51.29
Fresh Water		0	8.34	0	0	00:00	40	
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		244.5		51.29

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
16	40	771	12.62	13.38	54.5	CSG	757	757	J-55	757	714	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				13.375	8RD	WATER BASED	10.5

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	
110.4	BBLS	Fresh Water	8.34	226	0	0	0	0	2184	1500	Rig

Circulation Prior to Job			
Circulated Well:	Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time:	1
Mud Density In:	10.5 LBS/GAL	Mud Density Out:	10.5 LBS/GAL
PV & YP Mud In:	40	PV & YP Mud Out:	40
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:	.5 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:	4
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

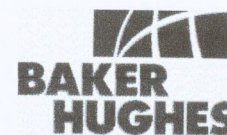
Squeezes (Update Original Treatment Report for Primary Job)			
BLOCK SQUEEZE	<input type="checkbox"/>	SHOE SQUEEZE	<input type="checkbox"/>
TOP OF LINER SQUEEZE	<input type="checkbox"/>	PLANNED	<input type="checkbox"/>
UNPLANNED	<input checked="" type="checkbox"/>		
Liner Packer:	<input checked="" type="checkbox"/> 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)

Arrived on location @ 1320, rig was still running casing, could not get on to location until 1600, after the casing crew left.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Floats did not hold very well, pressured up to 275 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	3460 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:20	0	0	0	0	N/A	Arrive on location, 28 miles, rig still running casing	
16:00	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
17:00	0	0	0	0	N/A	Pre-job safety meeting	
17:48	1295	0	0	0	WATER	Low pressure test	
17:50	3460	0	0	0	WATER	High pressure test	
17:52	162	0	4.8	40	WATER	Freshwater	
18:01	180	0	4.8	15	WATER	Dyed water spacer	
18:06	101	0	3.2	71	CEMENT	Batch-up, weigh, & pump 315 sx of Type III + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
18:37	0	0	0	0	N/A	Release plug	
18:41	105	0	4.8	102	WATER	Displace	
19:02	272	0	3.6	4	WATER	Rate change	
19:03	278	0	2.4	6.8	WATER	Rate change	
19:06	286	0	2.4	112.8	WATER	Bump plug to 695 psi	
19:17	275	0	0	0	WATER	Put 275 psi on casing and shut-in manifold, per customer request	
19:20	0	0	0	0	N/A	Pre-rig down safety meeting	
20:00	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	286	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	17	238.8	275	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

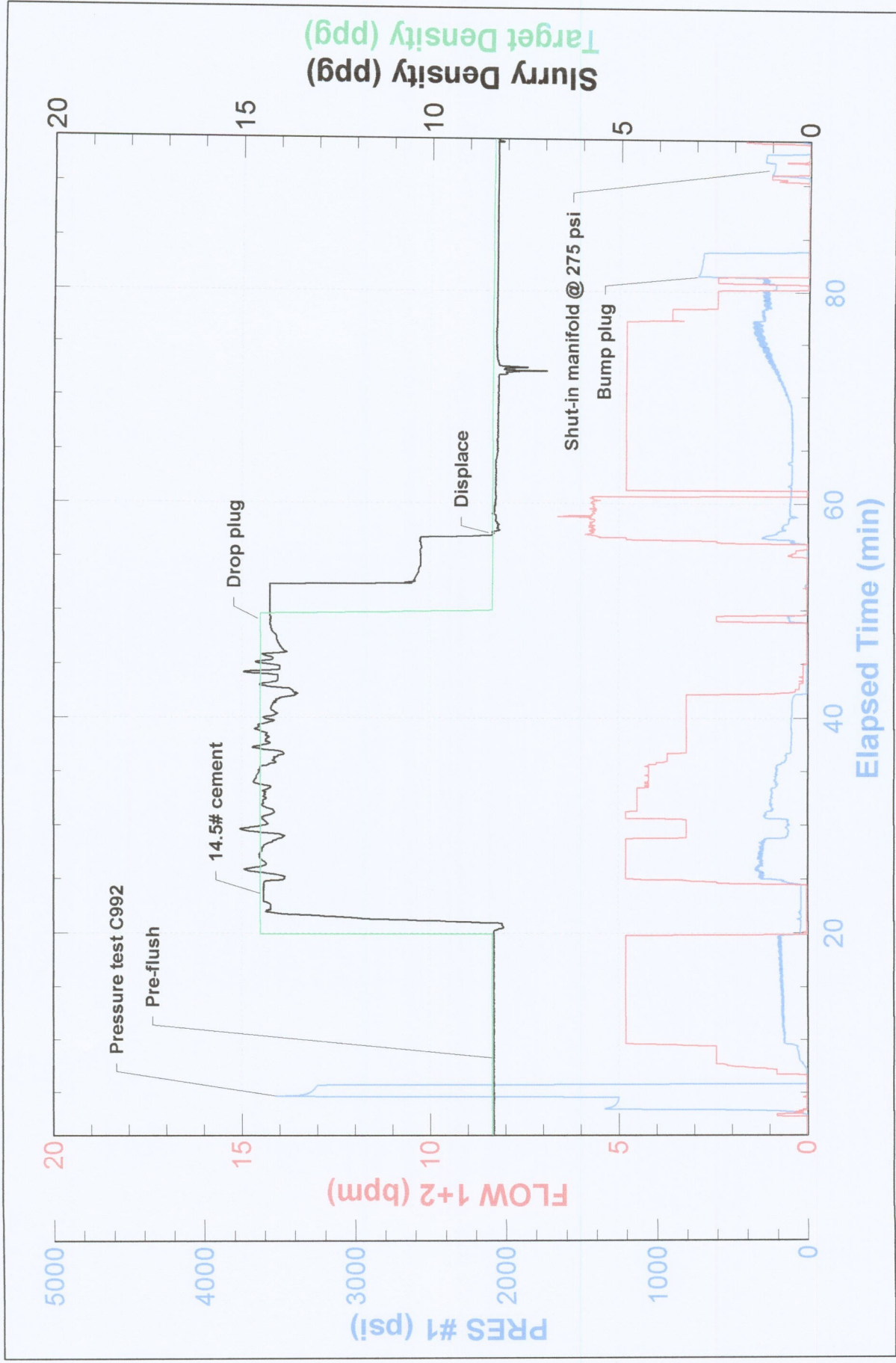


**BJ Services JobMaster Program Version 3.50**

Job Number: 1001874399

Customer: EnCana

Well Name: Aristocrat Angus #6-4-2







FIELD RECEIPT NO. 1001874399

<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC - X				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20023075 - 00201580		<b>INVOICE NUMBER</b>	
<b>MAIL</b> STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				<b>CITY</b> DENVER		<b>STATE</b> Colorado		<b>ZIP CODE</b> 80202			
<b>DATE WORK COMPLETED</b> MO. 12 DAY 16 YEAR 2011		<b>BHI REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO.</b> 05123330270000		<b>WELL TYPE :</b> New Well					
<b>DISTRICT</b> BRIGHTON				<b>JOB DEPTH (ft)</b> 757		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> ARISTOCRAT ANGUS #6-4-2				<b>TD WELL DEPTH (ft)</b> 771		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 2-3N-65W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Surface			

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	445	1.440	640.80	55%	288.36
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
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					10,857.96	56.78%	4,693.04
A152	Personnel Surcharge - Cement Svc	ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Service Charge	cu ft	336	3.930	1,320.48	55%	594.22
SUB-TOTAL FOR Service Charges					1,472.48	49.32%	746.22

**ARRIVE LOCATION :** MO. 12 DAY 16 YEAR 2011 TIME 13:20

**CUSTOMER REP.** Chris Ewing

**SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS**

**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** X





FIELD RECEIPT NO. 1001874399

CUSTOMER		ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		370 17TH ST, STE 1700 US BANK TOWER		DENVER		Colorado		80202			
DATE WORK COMPLETED	MO. DAY YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		New Well			
12 16 2011	12 16 2011	RYAN SULLIVAN		05123330270000							
DISTRICT BRIGHTON		JOB DEPTH (ft)		757		WELL CLASS :		Gas			
WELL NAME AND NUMBER		TD WELL DEPTH (ft)		771		GAS USED ON JOB :		No Gas			
ARISTOCRAT ANGUS #6-4-2											
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		2-3N-65W		Weld		Colorado		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	4	57.500	230.00	0%	230.00		
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	56	8.550	478.80	55%	215.46		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	56	4.830	270.48	55%	121.72		
SUB-TOTAL FOR Equipment							6,364.28	53.01%	2,990.43		
J401	Bulk Delivery, Dry Products			ton-mi	429	2.850	1,222.65	55%	550.19		
SUB-TOTAL FOR Freight/Delivery Charges							1,222.65	55.00%	550.19		
FIELD ESTIMATE							19,917.37	54.91%	8,979.88		
EnCana Oil & Gas (USA) Inc.											
DJ/Paradox Aristocrat Angus 6-4-2											
AFE/CC: 1013 4227											
Major: 8715											
Minor: 618											
Dec 16, 2011											
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 16 2011	12 16 2011	13:20									
CUSTOMER REP. Chris Ewing				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X							
				BHI APPROVED							