

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC				<b>DATE</b> 20-NOV-12		<b>F.R. #</b> 1001949148		<b>SERV. SUPV.</b> BARLEN M JOYNER															
<b>LEASE &amp; WELL NAME</b> ARISTOCRAT ANGUS #2-4 - API 05123340390000				<b>LOCATION</b> 4-3N-65W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado															
<b>DISTRICT</b> Brighton				<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 122				<b>TYPE OF JOB</b> Surface															
<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</b>		<b>MD</b>		<b>TVD</b>									
Cement Plug, Rubber, Top 8-5/8 in		Float Collar, AI Flap, 8-5/8 - 8rd		NONE		0		0		NONE		0		0									
		Float Shoe 8-5/8 - 8rd																					
		Cement Basket, Slip On, 8-5/8 in																					
		Centralizer, with Pins, 8-5/8 in																					
<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>		<b>PUMP TIME HR:MIN</b>		<b>Bbl SLURRY</b>		<b>Bbl MIX WATER</b>					
ClayCare Spacer				0		0		8.34		0		0		00:00		37.6							
Fresh Water + Dye				0		0		8.34		0		0		00:00		10							
TypeIII+1.5%CaCl+15%CF				0		257		14.5		1.41		6.82		02:30		64.36		41.73					
Fresh Water				0		0		8.34		0		0		00:00		20							
Available Mix Water 500 Bbl.				Available Displ. Fluid 400 Bbl.										<b>TOTAL</b>		131.96		41.73					
<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>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>											
12.25	0	644	8.097	8.625	24	CSG	633	633	J-55	633	591	0											
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>			<b>WELL FLUID</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>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>										
						NO LINER	0			8.625	8RD	WATER BASED	9.3										
<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>MAX CSG PSI</b>		<b>MIX WATER</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>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>													
37.6	BBLS	ClayCare Spacer	8.34	203	0	0	0	0	2360	2000					RIG TANK								
<b>Circulation Prior to Job</b>																							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1						Circulation Rate: 6 BPM											
Mud Density In: 9.3 LBS/GAL						Mud Density Out: 9.3 LBS/GAL						PV & YP Mud In: 38						PV & YP Mud Out: 38					
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"/>											
<b>Displacement And Mud Removal</b>																							
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: 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 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																							
<b>Plugs</b>																							
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											
<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 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					
<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											
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)  
 BUMPED PLUG 1.4 BBLs PAST CALCULATED DISPLACEMENT (HALF OF SHOE TRACT VOLUME) 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	3048 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:15	0	0	0	0	N/A	YARD CALL	
02:47	0	0	0	0	N/A	ARRIVE ON LOCATION (27 MILES) RUNNING LAST 10 JOINTS	
03:30	0	0	0	0	N/A	SPOT TRUCKS	
03:37	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
04:45	0	0	0	0	N/A	SAFETY MEETING	
04:58	3048	0	0	0	WATER	PRESSURE TEST	
05:01	335	0	7.2	20	WATER	FRESH WATER SPACER	
05:05	333	0	7.2	10	WATER	FRESH WATER + DYE	
05:10	316	0	5.2	61	CMT	BATCH UP, WEIGH AND PUMP 260 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1.5% CACL2 + 0.15 LBS/SACK CELLO FLAKE @ 14.5 PPG	
05:26	0	0	0	0	N/A	RELEASE PLUG	
05:30	335	0	7.2	30	WATER	START CLAYCARE DISPLACEMENT	
05:36	251	0	2.8	9	WATER	DROP RATE	
05:41	272	0	2.8	39	WATER	BUMP PLUG 1.4 BBLs PAST CALCULATED DISPLACEMENT PER CUSTOMER REQUEST	
05:41	714	0	0	0	N/A	PLUG DOWN @ 39 BBLs	
05:45	261	0	0	0	N/A	BLEED PRESSURE OFF TO 250 PSI AND CLOSE IN WELL HEAD	
05:46	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
06:20	0	0	0	0	N/A	TIME OFF 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	272	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	129	261	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

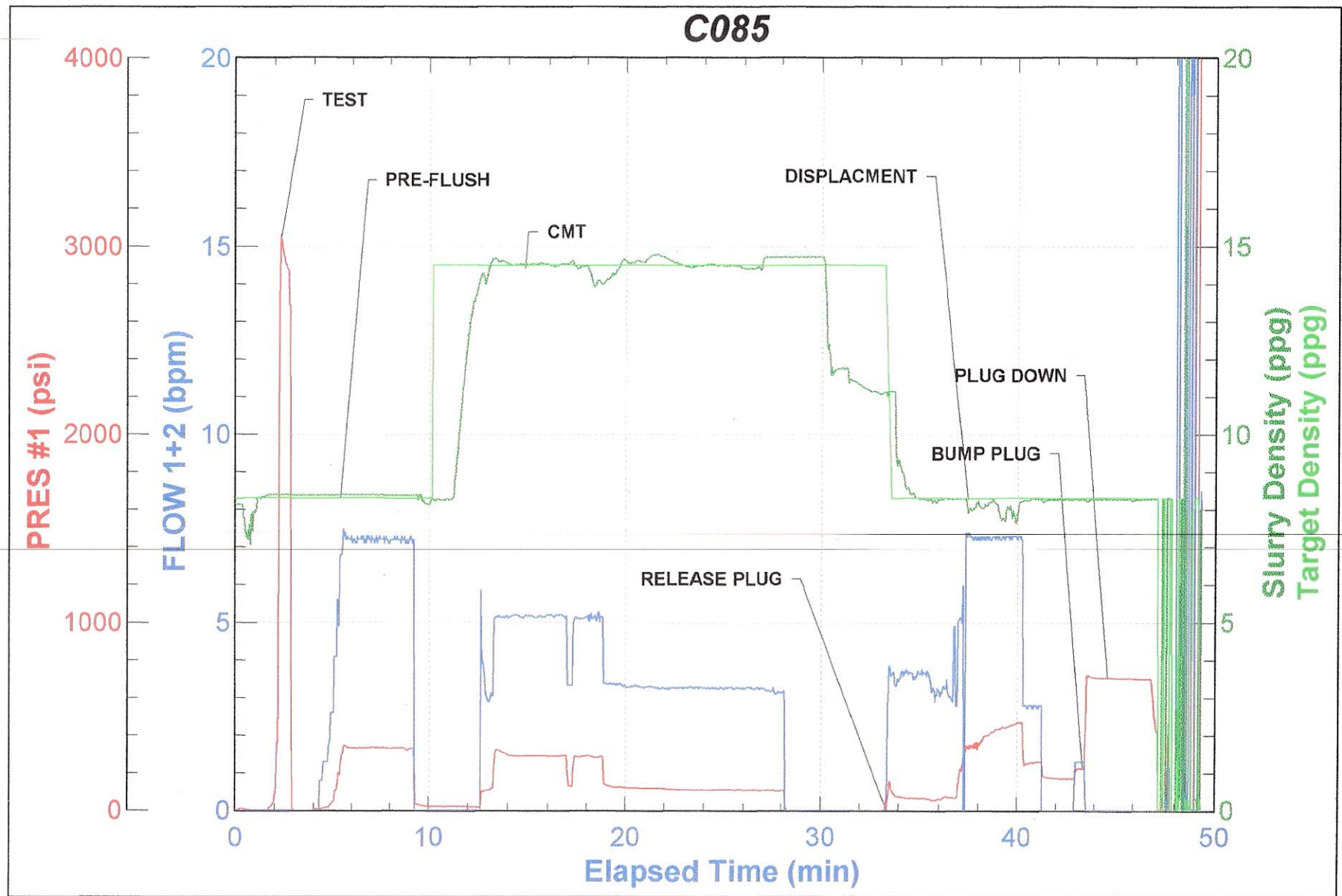


BJ Services JobMaster Program Version 3.50

Job Number: 1001949148

Customer: EnCana

Well Name: Aristocrat Angus 2-4





Report Printed on: November 21, 2012 3:09 AM



FIELD RECEIPT NO. 1001949148

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. 11	DAY 20	YEAR 2012	BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123340390000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 633		WELL CLASS : Gas				
WELL NAME AND NUMBER ARISTOCRAT ANGUS #2-4					TD WELL DEPTH (ft) 644		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 4-3N-65W			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	3,250.000	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	54	8.550	461.70	55%	207.77	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	54	4.830	260.82	55%	117.37	
SUB-TOTAL FOR Equipment								6,222.52	53.98%	2,863.39	
J401	Bulk Delivery, Dry Products				ton-mi	337	2.850	960.45	55%	432.20	
SUB-TOTAL FOR Freight/Delivery Charges								960.45	55.00%	432.20	
EnCana Oil & Gas (USA) Inc.								FIELD ESTIMATE			
DJ/Paradox											
AFE/CC: 1114 9196											
Major: 8715											
Minor: 404											
Roy Hunt											
ARRIVE LOCATION :		MO. 11	DAY 21	YEAR 2012	TIME 02:47	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. Roy Hunt						CUSTOMER AUTHORIZED AGENT				BHI APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT					