

# CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 21-JUL-12	F.R. # 1001924158	SERV. SUPV. JOHN R WUDARCZYK											
LEASE & WELL NAME ARISTOCRAT ANGUS #4-4 - API 05123339940000		LOCATION 4-3N-65W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 17		TYPE OF JOB Surface											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD				
Cement Plug, Rubber, Top 8-5/8 in		Float Shoe 8-5/8 - 8rd													
		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	42.7		
Fresh Water + Dye								0	8.34	0	0	00:00	10		
Type III + 1.5% CaCl + 1.5% CF								295	14.5	1.41	6.82	02:30	74	47.98	
Fresh Water								0	8.34	0	0	00:00	20		
Available Mix Water		200 Bbl.		Available Displ. Fluid		200 Bbl.		TOTAL		146.7		47.98			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
12.25	40	723	8.097	8.625	24	CSG	713	713	J-55	713	671		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	8RND	WATER BASED	9.1	
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					
42.7	BBLS	Fresh Water	8.34	1072	0	0	0	0	2360	1500			RIG		
<b>Circulation Prior to Job</b>															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM							
Mud Density In: 9.1 LBS/GAL				Mud Density Out: 9.1 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"/>							
<b>Displacement And Mud Removal</b>															
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: 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"/> 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															
<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															
PRESSURE/RATE DETAIL										EXPLANATION					

# 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	

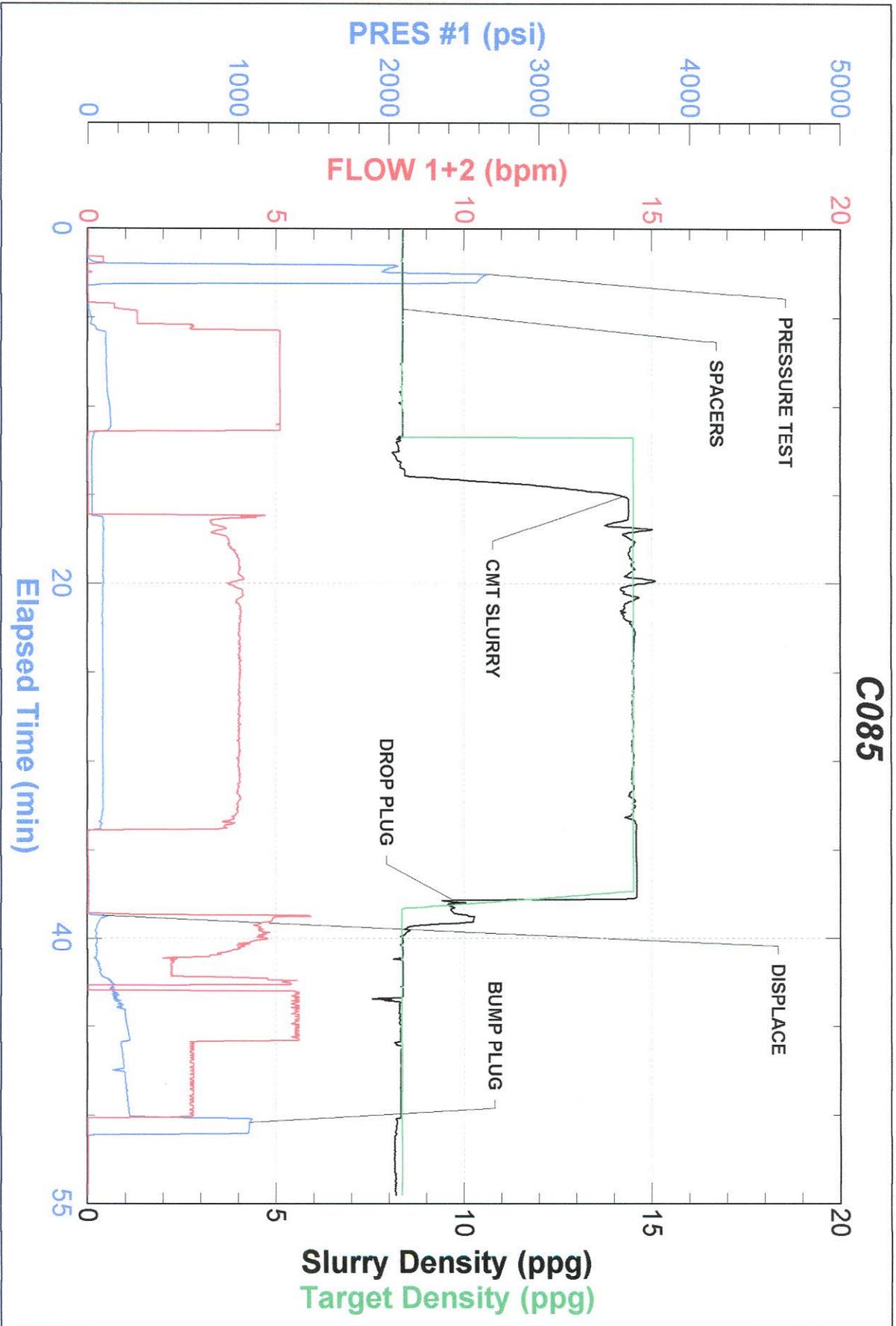
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	
						2650 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:37	0	0	0	0	0	ARRIVE ON LOCATION ( 28 MILES )	
03:45	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
04:10	0	0	0	0	0	PRE JOB MEETING	
04:40	2650	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
04:43	111	0	5.1	20	H2O	FRESH WATER	
04:48	147	0	5.1	10	H2O	DYE WATER	
04:55	96	0	4	70	CMT	BATCH UP AND PUMP 295 SKS TYPE III+1.5%CACL+.15#/SACK CELLO FLAKE+.08#/SACK SATTIC FREE @ 14.5#	
05:18	0	0	0	0	H2O	DROP PLUG	
05:19	206	0	5.5	30	H2O	START DISPLACEMENT	
05:25	322	0	2.8	13.5	H2O	SLOW RATE	
05:29	1072	0	0	0	H2O	BUMP PLUG @ 43.5 BBLS	
05:30	0	0	0	0	H2O	CHECK FLOATS	
05:32	0	0	0	0	H2O	SHUT IN HEAD	
05:40	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	

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	1072	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	21	143.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>John R. W. [Signature]</i>

*[Signature]*



BJ Services JobMaster Program Version 3.50  
Job Number: 1001924158  
Customer: ENCANA  
Well Name: ARISTOCRAT ANGUS # 4-4





FIELD RECEIPT NO. 1001924158

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

INVOICE TO : DATE WORK MO. 07 DAY 21 YEAR 2012 BHI REPRESENTATIVE JOHN R WUDARCZYK WELL API NO: 05123339940000 WELL TYPE : New Well

COMPLETED 07 21 2012 JOHN R WUDARCZYK JOB DEPTH (ft) 713 WELL CLASS : Gas

DISTRICT BJS, BRIGHTON TD WELL DEPTH (ft) 723 GAS USED ON JOB : No Gas

WELL NAME AND NUMBER ARISTOCRAT ANGUS #44 JOB TYPE CODE : Surface

WELL LOCATION : LEGAL DESCRIPTION 4-3N-65W/ Weld COUNTY/PARISH STATE Colorado

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	417	1,440	600.48	55%	270.22
100295	Cello Flake	lbs	45	4,570	205.65	55%	92.54
488019	FP-6L	gals	3	93,500	280.50	55%	126.23
499632	Granulated Sugar	lbs	100	3,290	329.00	55%	148.05
499680	Static Free	lbs	24	35,800	859.20	55%	386.64
499703	Type III Cement	sacks	295	26,900	7,935.50	55%	3,570.98
SUB-TOTAL FOR Product Material					10,210.33	55.00%	4,594.66
A152	Personnel Surcharge - Cement Svc	ea	1	152,000	152.00	0%	152.00
M100	Bulk Materials Blending Charge	cu ft	308	3,930	1,210.44	55%	544.70
SUB-TOTAL FOR Service Charges					1,362.44	48.86%	696.70

ARRIVE MO. 07 DAY 21 YEAR 2012 TIME 03:35 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. SCOTT OSBORNE SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT BHI APPROVED



FIELD RECEIPT NO. 1001924458

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

INVOICE TO: DATE WORK COMPLETED: 07 21 2012  
 BHI REPRESENTATIVE: JOHN R WUDARCZYK  
 WELL API NO.: 05123339940000  
 WELL TYPE: New Well

DISTRICT: BJS, BRIGHTON  
 JOB DEPTH (ft): 713  
 WELL CLASS: Gas

WELL NAME AND NUMBER: ARISTOCRAT ANGUS #4-4  
 TD WELL DEPTH (ft): 723  
 GAS USED ON JOB: No Gas

WELL LOCATION: 4-3N-65W  
 LEGAL DESCRIPTION: Weld  
 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	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				6,249.28	53.99%	2,875.43
J401	Bulk Delivery, Dry Products	ton-mi	397	2.850	1,131.45	55%	509.15
	SUB-TOTAL FOR Freight/Delivery Charges				1,131.45	55.00%	509.15
	FIELD ESTIMATE				18,953.50	54.23%	8,675.94

ARRIVE LOCATION: 07 21 2012 03:35  
 CUSTOMER REP: SCOTT OSBORNE  
 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.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS  
 CUSTOMER AUTHORIZED AGENT: *Scott Osborne*  
 SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.  
 CUSTOMER AUTHORIZED AGENT: *Scott Osborne*  
 BHI APPROVED: *Scott Osborne*