

# 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
Cement Plug, Rubber, Top 8-5/8 in	Float Shoe 8-5/8 - 8rd				
	Centralizer, with Pins, 8-5/8 in				
<b>PHYSICAL SLURRY PROPERTIES</b>					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Fresh Water		0	8.34	0	00:00
Fresh Water + Dye		0	8.34	0	00:00
Type III + 1.5% CaCl <sub>2</sub> + 15% CF		295	14.5	1.41	02:30
Fresh Water		0	8.34	0	00:00
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.
12.25	40	723	8.097	8.625	24
		CSG	MD	TVD	GRADE
		713	713	J-55	
		SHOE	FLOAT	STAGE	
		713	671	0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT	TYPE	MD	TVD
			BRAND & TYPE	DEPTH	TOP
			NO PACKER	0	
				BTM	
				SIZE	THREAD
				8.625	8RND
				WELL FLUID	WGT.
				WATER BASED	9.1
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
42.7	BBLS	Fresh Water	8.34	1072	0
				OP. MAX	SQ. PSI
				0	0
				MAX TBG PSI	MAX CSG PSI
				0	2360
				Operator	Operator
				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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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		

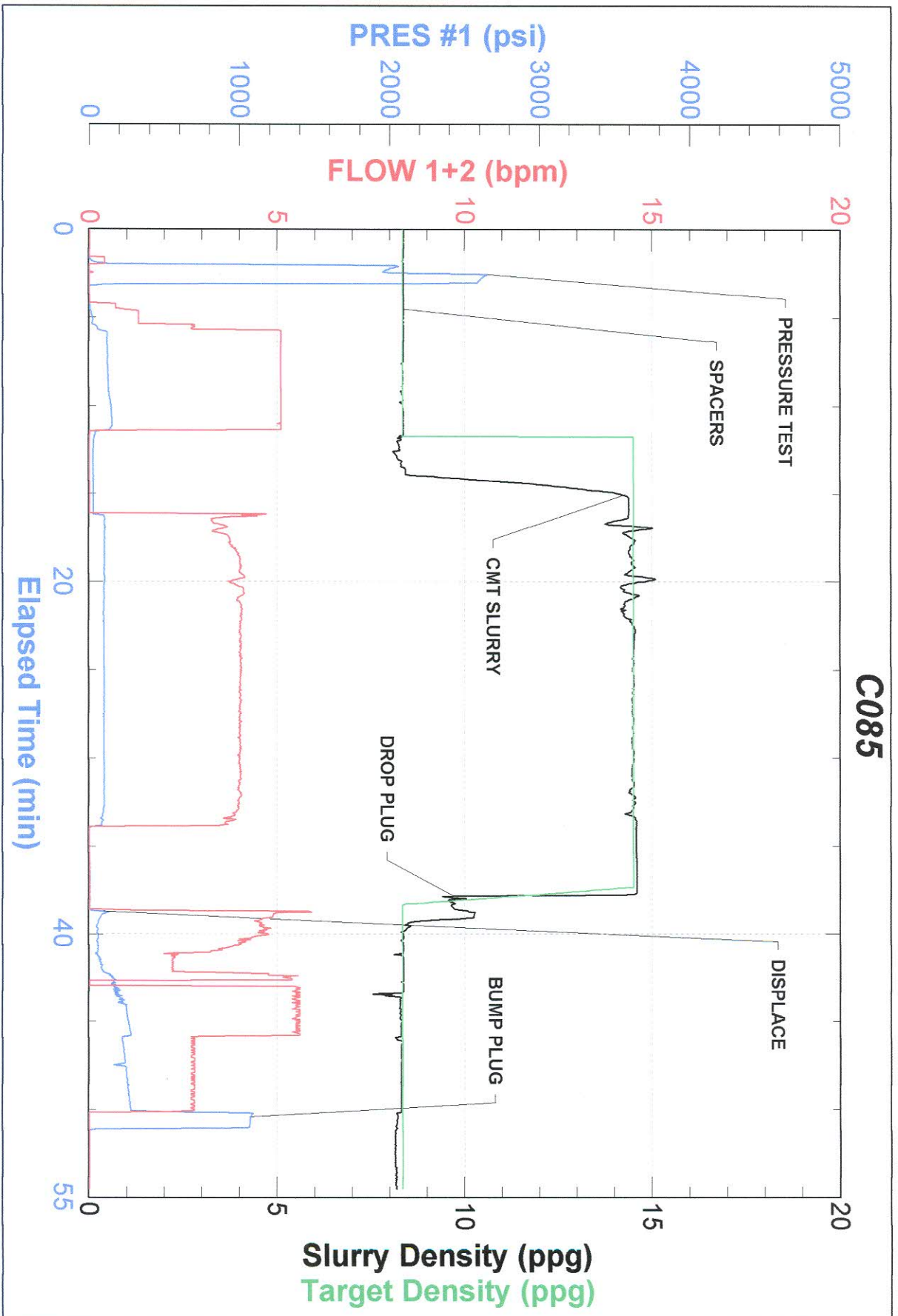
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2650 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1072	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 21	TOTAL BBL. PUMPED 143.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 
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BJ Services JobMaster Program Version 3.50  
Job Number: 1001924158  
Customer: ENCANA  
Well Name: ARISTOCRAT ANGUS # 4-4





FIELD RECEIPT NO. 1001924158

CUSTOMER		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER		
ENCANA OIL & GAS (USA) INC - X						20023075 - 00201580				
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 :			
07 21 2012		JOHN R WUDARCZYK			05123339940000	New Well				
DISTRICT						JOB DEPTH (ft)	WELL CLASS :			
BUS, BRIGHTON						713	Gas			
WELL NAME AND NUMBER						TD WELL DEPTH (ft)	GAS USED ON JOB :			
ARISTOCRAT ANGUS #44						723	No Gas			
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :		
4-3N-65W		Weid		Colorado				Surface		
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 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.				
07 21 2012		03:35								
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		
								X		
								BHI APPROVED		
								X		





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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 :	
07 21 2012		JOHN R WUDARCZYK		05123339940000		New Well			
DISTRICT		BJS. BRIGHTON		JOB DEPTH (ft)		713		WELL CLASS :	
WELL NAME AND NUMBER		ARISTOCRAT ANGUS #4-4		TD WELL DEPTH (ft)		723		GAS USED ON JOB :	
WELL		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :	
LOCATION :		4-3N-65W		Weid		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	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			56		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			397		1,131.45	55.00%	509.15		
FIELD ESTIMATE					18,953.50	54.23%	8,675.94		
AFE 10139051									
6018									
ARRIVE		MO.	DAY	YEAR	TIME				
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		X		X		BHI APPROVED	