

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 17-NOV-12		F.R. # 1001948627		SERV. SUPV. RYAN R STEVENS		
LEASE & WELL NAME ARISTOCRAT ANGUS #6-4-4 - API 0512334136000			LOCATION 4-3N-65W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # ENSIGN 122			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	Guide Shoe, Cement Nose, 8-5/8 in	None	0	0	None	0	0
	Alum Baffle Plate, Slip On, 8-5/8						
	Cement Basket, Slip On, 8-5/8 in						
	Centralizer, with Pins, 8-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	N/A	0	8.34	0	0	00:00	37.6	
Fresh Water + Dye	N/A	0	8.34	0	0	00:00	10	
Type III + 1.5% CaCl ₂ + 15% CF	N/A	250	14.5	1.41	6.82	02:30	64.36	41.73
Available Mix Water 400 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		111.96		41.73

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	0	645	8.097	8.625	24	CSG	634	634	J-55	634	591	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	WGT.
						No Liner	0			8.625	8RD	9.2

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	
37.6	BBLS	Fresh Water	8.34	203	0	0	0	0	2490	1500	Rig Tank

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1	
Mud Density In: 9.2 LBS/GAL		Mud Density Out: 9.2 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"/>	

Displacement And Mud Removal			
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 1 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 6	
Type: <input 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 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"/> TEST LINES 3652 PSI								
	PIPE	ANNULUS				CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>								
22:15		0	0	0	N/A	Yard call								
01:37		0	0	0	N/A	Time left district								
03:05		0	0	0	N/A	Time arrived on location								
03:15		0	0	0	N/A	Spot trucks								
03:18		0	0	0	N/A	Pre rig up safety meeting								
03:51		0	0	0	N/A	Pre job safety meeting								
04:14	3652	0	0	0	WATER	Pressure test pumps and lines								
04:20	142	0	5.6	30	WATER	Fresh water + Dye spacer								
04:35	122	0	3.6	53	CEMENT	Batch up, weighand pump 250 SXS of Tyoe III + 0.08 Lbs/Sack Stativ free + 1.5% Calcium Chloride + 0/15 Lbs/Sack Celo Flake @ 14.5 PPG								
01:53		0	0	0	N/A	Release plug								
05:01	114	0	5.6	20	WATER	Start Displacement								
05:09	226	0	2.6	18	WATER	Drop rate								
05:12	743	0	2.6	38	WATER	Land plug								
05:15	211	0	0	0	N/A	Sut in head 211 PSI								
05:20	0	0	0	0	CEMENT	Top out								
05:23	0	0	0	0	N/A	Shut down Job Done								
<div><div><div>Y</div><div>N</div></div></div>	BUMPED PLUG	PSI TO BUMP PLUG	743	<div><div><div>Y</div><div>N</div></div></div>	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	0	TOTAL BBL. PUMPED	121	PSI LEFT ON CSG	211	<div><div><div>Y</div><div>N</div></div></div>	SPOT TOP OUT CEMENT	Service Supervisor Signature: 

[Signature]
Wm. Hain

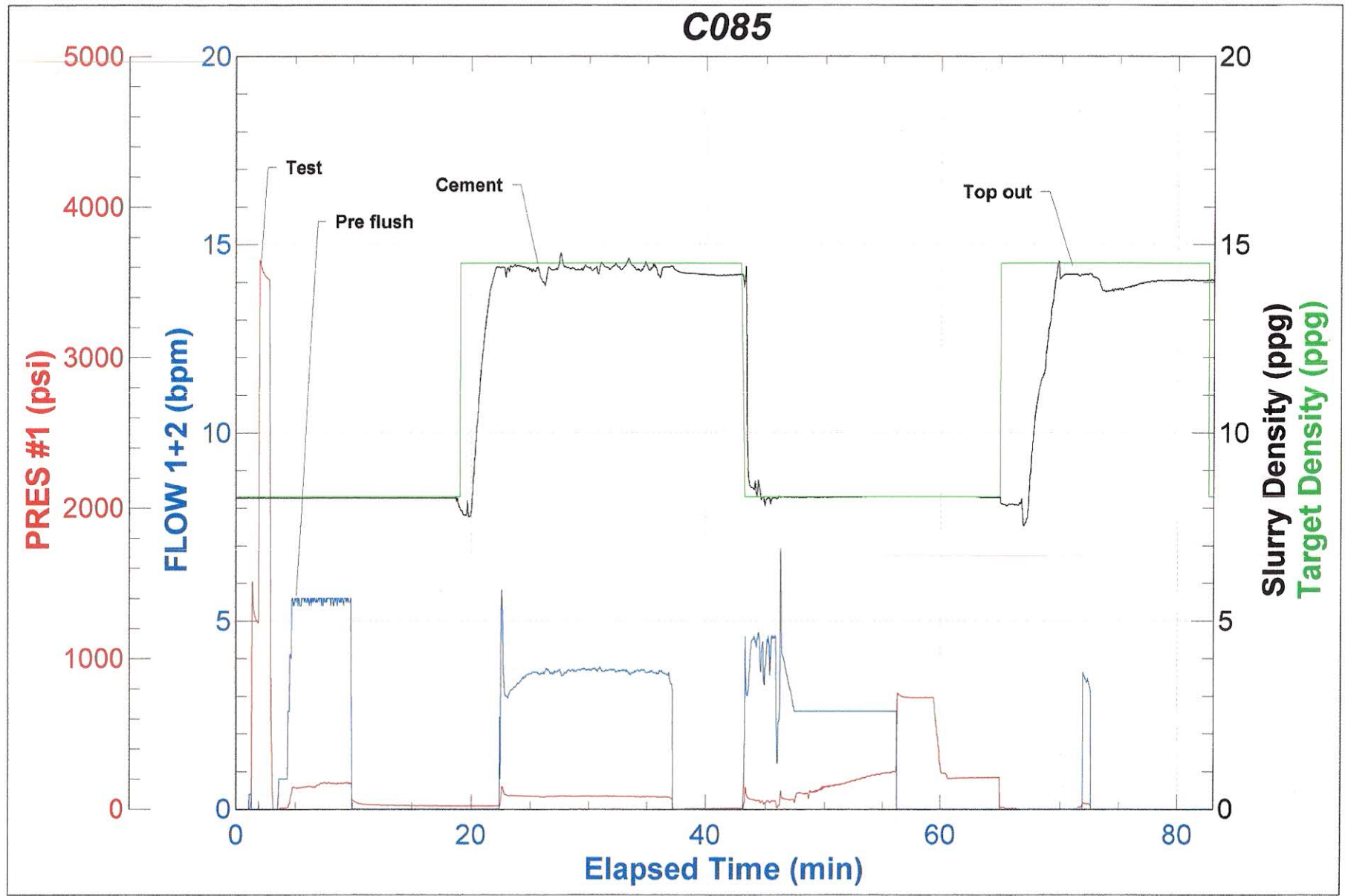


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001948627

Customer: Encana

Well Name: Aristocrat Angus 6-4-4





FIELD RECEIPT NO. 1001948627

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			
DATE WORK COMPLETED MO. 11 DAY 17 YEAR 2012		BHI REPRESENTATIVE RYAN R STEVENS		WELL API NO: 05123341360000		WELL TYPE: New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 634		WELL CLASS: Gas					
WELL NAME AND NUMBER ARISTOCRAT ANGUS #6-4-4				TD WELL DEPTH(ft) 645		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	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112	Calcium Chloride			lbs	353	1.440	508.32	55%	228.74		
100112	Calcium Chloride			lbs	250	1.440	360.00	100%	0.00		
100295	Cello Flake			lbs	38	4.570	173.66	55%	78.15		
100404	Sodium Chloride			lbs	150	0.460	69.00	100%	0.00		
488019	FP-6L			gals	2	93.500	187.00	55%	84.15		
498632	Granulated Sugar			lbs	50	3.290	164.50	55%	74.03		
498680	Static Free			lbs	21	35.800	751.80	55%	338.31		
499703	Type III Cement			sacks	250	26.900	6,725.00	55%	3,026.25		
	SUB-TOTAL FOR Product Material						8,939.28	57.16%	3,829.63		
A152	Personnel Surcharge - Cement Svc			ea	1	152.000	152.00	0%	152.00		
M100	Bulk Materials Blending Charge			cu ft	261	3.930	1,025.73	55%	481.58		
	SUB-TOTAL FOR Service Charges						1,177.73	47.90%	613.58		
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. Wess Harrison				CUSTOMER AUTHORIZED AGENT				CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				BHI APPROVED			



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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			
DATE WORK MO. DAY YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		New Well			
COMPLETED 11 17 2012		RYAN R STEVENS		JOB DEPTH(ft)		WELL CLASS :		Gas			
DISTRICT BJS, BRIGHTON				TD WELL DEPTH(ft)		GAS USED ON JOB :		No Gas			
WELL NAME AND NUMBER ARISTOCRAT ANGUS #8-4-4				COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE :		Surface	
WELL LOCATION :		LEGAL DESCRIPTION 4-3N-65W		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT	
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
F003A		Cement Pumping, 0 - 1000 ft		4hrs		1		3,250.00		3,250.00	
F090		Fuel per pump charge - cement		pump/hr		4		57.500		230.00	
J050		Cement Head		job		1		595.000		595.00	
J225		Data Acquisition, Cement, Standard		job		1		1,540.000		1,540.00	
J390		Mileage, Heavy Vehicle		miles		58		8.550		495.90	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		58		4.830		280.14	
		SUB-TOTAL FOR Equipment								6,391.04	
J401		Bulk Delivery, Dry Products		ton-mi		348		2.850		991.80	
		SUB-TOTAL FOR Freight/Delivery Charges								991.80	
		FIELD ESTIMATE								17,499.85	
										54.90%	
										7,891.99	
ARRIVE 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.							
LOCATION : 11 17 2012		03:05		CUSTOMER AUTHORIZED AGENT							
CUSTOMER REP. Wess Harrison				X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X							
				BHI APPROVED							