

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 14-MAY-13		F.R. # 1001987175		SERV. SUPV. BARLEN M JOYNER							
LEASE & WELL NAME ARISTOCRAT ANGUS #3-3 - API 05123343320000			LOCATION 3-3N-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		Float Collar, Al 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												
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water			0		0	8.34	0	0	00:00	45.5				
Fresh Water + Dye			0		0	8.34	0	0	00:00	10				
Type III + 1.5% CaCl + 15% CF			C0502313		300	14.5	1.41	6.82	03:39	75.34	48.85			
Fresh Water			0		0	8.34	0	0	00:00	20				
Available Mix Water 400 Bbl.			Available Displ. Fluid 320 Bbl.			TOTAL			150.84	48.85				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	0	767	8.097	8.625	24	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 LINER		0			8.625	8RD	WATER BASED	8.4
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				
45.5	BBLS	Fresh Water	8.34	243	0	0	0	0	2360	2000	RIG TANK			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM					
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 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: 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"/> 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 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



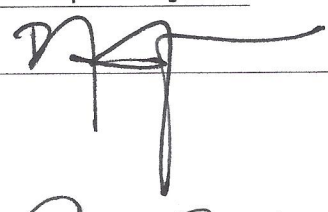
Shoe Test (Update Original Treatment Report for Primary Job)

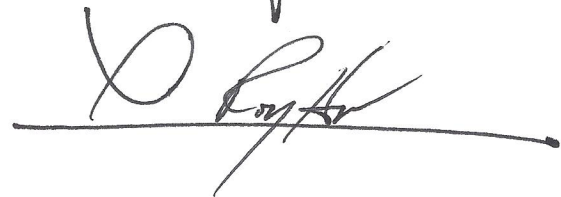
Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 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

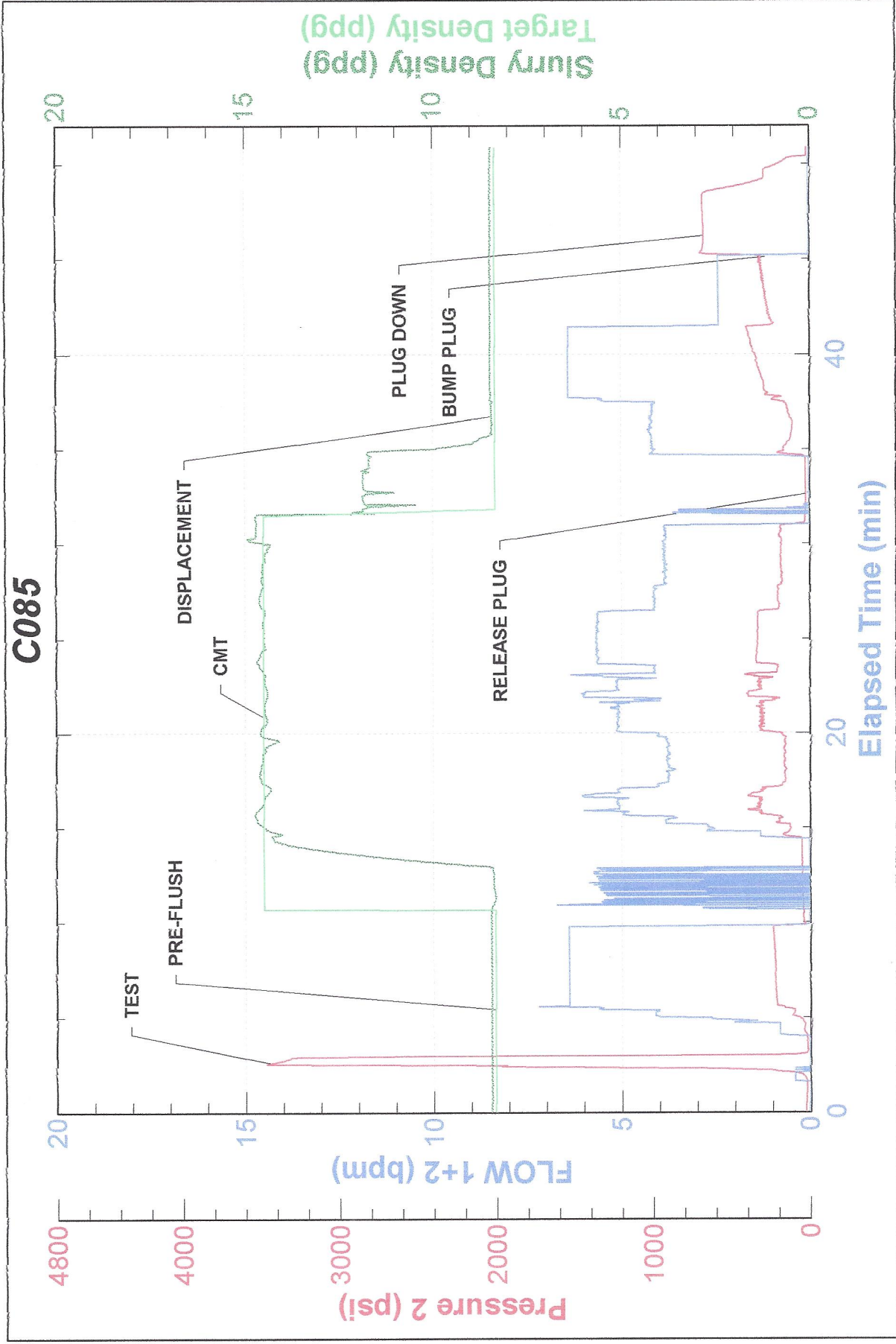
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3424 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:15	0	0	0	0	N/A	YARD CALL	
16:53	0	0	0	0	N/A	ARRIVE ON LOCATION (27 MILES) 1/2 RACK LEFT	
17:40	0	0	0	0	N/A	SPOT TRUCKS	
17:42	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
18:00	0	0	0	0	N/A	SAFETY MEETING	
18:37	3424	0	0	0	WATER	PRESSURE TEST	
18:40	195	0	6.4	20	WATER	FRESH WATER SPACER	
18:44	195	0	6.4	10	WATER	FRESH WATER + DYE	
18:46	332	0	5.1	74	CMT	BATCH UP, WEIGH AND PUMP 300 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1.5% CACL2 + 0.15 LBS/SACK CELLO FLAKE @ 14.5 PPG	
19:06	0	0	0	0	N/A	RELEASE PLUG	
19:10	163	0	6.4	36	WATER	START DISPLACEMENT	
19:17	163	0	2.4	10	WATER	DROP RATE	
19:21	273	0	2.4	46	WATER	BUMP PLUG	
19:21	687	0	0	0	N/A	PLUG DOWN @ 46 BBLs	
19:24	255	0	0	0	N/A	BLEED PRESSURE BACK AND CLOSE IN WELL HEAD TRAPPING SOME PRESSURE	
19:25	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
20:00	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	273	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	150	255	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





Baker Hughes JobMaster Program Version 3.60
Job Number: 1001987175
Customer: EnCana
Well Name: Aristocrat Angus 3-3

C085





FIELD RECEIPT NO. 1001987175

CUSTOMER ENCANA OIL & GAS (USA) INC - XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20011760 - 0040056573-1		INVOICE NUMBER	
MAIL INVOICE TO : 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED 05 14 2013		MO. DAY YEAR 05 14 2013		BHI REPRESENTATIVE BARLEN M JOYNER		WELL APINO: 05123343320000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON						JOB DEPTH (ft) 757		WELL CLASS : Gas			
WELL NAME AND NUMBER ARISTOCRAT ANGUS #3-3						TD WELL DEPTH (ft) 767		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 3-3N-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	423	—	609.12	55%	274.10		
100295	Cello Flake			lbs	45	—	205.65	55%	92.54		
488019	FP-6L			gals	6	—	561.00	55%	252.45		
499632	Granulated Sugar			lbs	50	—	164.50	55%	74.03		
499680	Static Free			lbs	24	—	859.20	55%	386.64		
499703	Type III Cement			sacks	300	—	8,070.00	55%	3,631.50		
SUB-TOTAL FOR Product Material							10,469.47	55.00%	4,711.26		
A152	Personnel Surcharge - Cement Svc			ea	1		152.00	0%	152.00		
M100	Bulk Materials Blending Charge			cu ft	313		1,230.09	55%	553.54		
SUB-TOTAL FOR Service Charges							1,382.09	48.95%	705.54		
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				CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED				X			



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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	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	
SUB-TOTAL FOR Freight/Delivery Charges											
J401	Bulk Delivery, Dry Products				ton-mi	389	2.850	1,108.65	55%	498.89	
SUB-TOTAL FOR Freight/Delivery Charges								1,108.65	55.00%	498.89	
FIELD ESTIMATE								19,182.73	54.23%	8,779.08	
<p>ARRIVE LOCATION: MO. 05 DAY 14 YEAR 2013 TIME 16:53</p> <p>CUSTOMER REP. ROY HUNT</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p> <p>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.</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>BHI APPROVED</p> <p>CUSTOMER AUTHORIZED AGENT</p>											