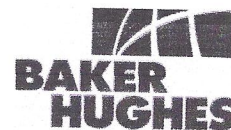


CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 18-MAY-13		F.R. # 1001988847		SERV. SUPV. BARLEN M JOYNER	
LEASE & WELL NAME ARISTOCRAT ANGUS #0-8-3 - API 0512334347000				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, AI Flap, 8-5/8 - 8rd	NONE	0	0	NONE	0	0
	Float Shoe 8-5/8 - 8rd						
	Centralizer, with Pins, 8-5/8 in						
	Cement Basket, Slip On, 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	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 ₂ + 1.5% CF	0	310	14.5	1.41	6.82	02:30	77.85	50.48	
Fresh Water	0	0	8.34	0	0	00:00	20		
Available Mix Water 350 Bbl.		Available Displ. Fluid 280 Bbl.		TOTAL		153.35		50.48	

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	8.34

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	2680	2000	RIG TANK				

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 6 BPM

Mud Density In: 8.34 LBS/GAL Mud Density Out: 8.34 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 0 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☒ YES ☐ NO Were Returns Planned at Surface: ☐ NO ☒ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROICATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 6 Type: ☒ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☒

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

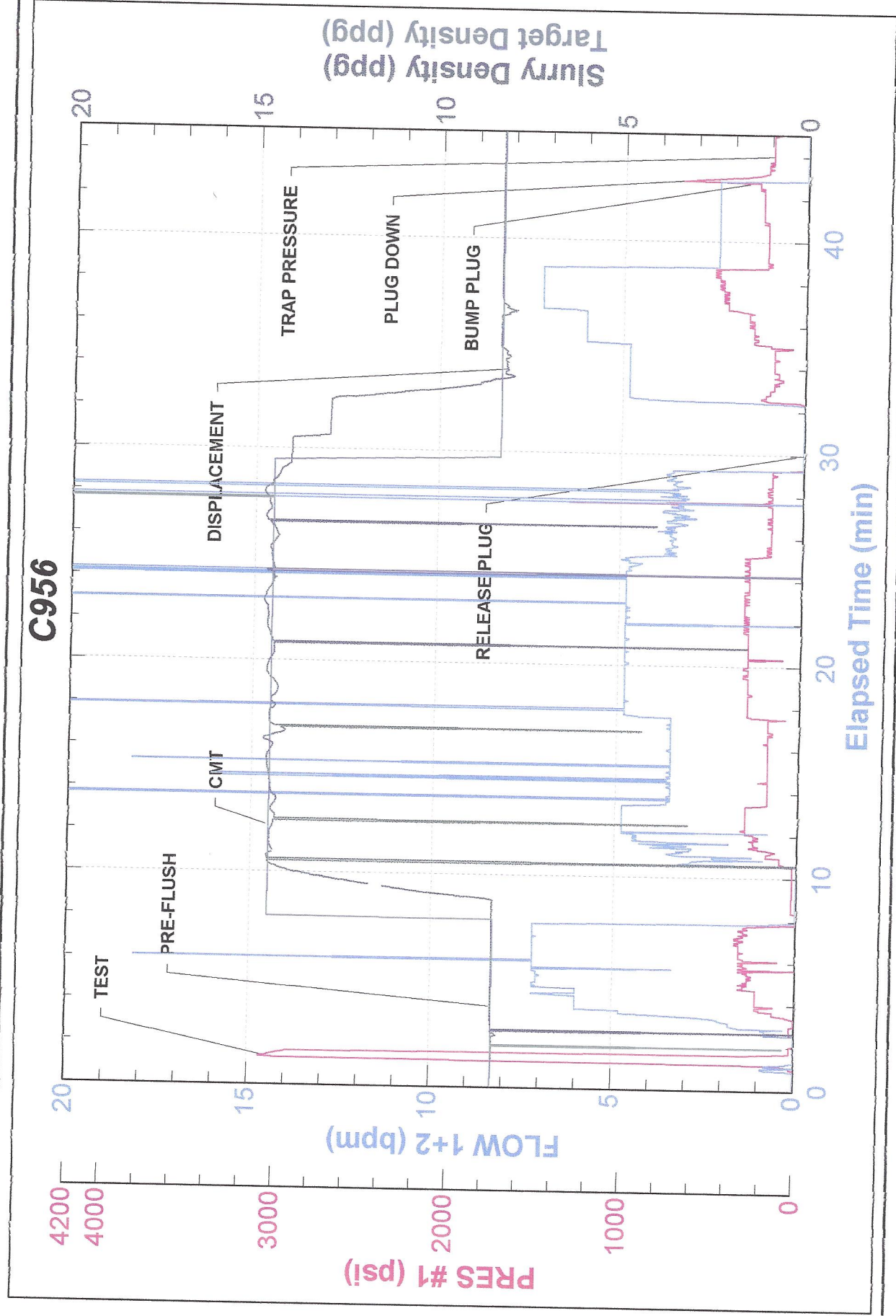
EXPLANATION

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	3046 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:15	0	0	0	0	N/A	YARD CALL	
17:47	0	0	0	0	N/A	ARRIVE ON LOCATION (27 MILES) WAITING ON BHI	
17:59	0	0	0	0	N/A	SPOT TRUCKS	
18:07	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
18:20	0	0	0	0	N/A	SAFETY MEETING	
18:35	3046	0	0	0	WATER	PRESSURE TEST	
18:37	224	0	6	20	WATER	FRESH WATER SPACER	
18:41	323	0	7.2	10	WATER	FRESH WATER + DYE	
18:43	1843	0	4.8	76	CMT	BATCH UP, WEIGH AND PUMP 310 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1.5% CALC2 + 0.15 LBS/SACK CELLO FLAKE @ 14.5 PPG	
19:04	0	0	0	0	N/A	RELEASE PLUG	
19:06	298	0	7.2	36	WATER	START DISPLACEMENT	
19:13	199	0	2.4	10	WATER	DROP RATE	
19:17	298	0	2.4	46	WATER	BUMP PLUG	
19:17	545	0	0	0	N/A	PLUG DOWN @ 46 BBLs	
19:18	199	0	0	0	N/A	BLEED SOME PRESSURE OFF AND CLOSE IN WELL HEAD WITH PRESSURE	
19:20	0	0	0	0	N/A	JOB DONE	
19:21	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
19:50	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	298	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	153	199	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 1001988847
Customer: EnCana
Well Name: Aristocrat Angus 0-8-3





FIELD RECEIPT NO. 1001988847

CUSTOMER ENCANA OIL & GAS (USA) INC - XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20011760 - 0040056573-1		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. 05	DAY 18	YEAR 2013	BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123343470000		WELL TYPE: New Well		
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 757		WELL CLASS: Gas		GAS USED ON JOB: No Gas			
WELL NAME AND NUMBER ARISTOCRAT ANGUS #0-8-3				TD WELL DEPTH (ft) 767		JOB TYPE CODE: Surface					
WELL LOCATION: 3-3N-65W				COUNTY/PARISH Weld		STATE Colorado					
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT	
100112		Calcium Chloride				lbs		438		1.440	
100295		Cello Flake				lbs		47		4.570	
488019		FP-6L				gals		7		93.500	
499632		Granulated Sugar				lbs		50		3.290	
499680		Static Free				lbs		25		35.800	
499703		Type III Cement				sacks		310		26.900	
A152		SUB-TOTAL FOR Product Material								8,339.00	
M100		Personnel Surcharge - Cement Svc				ea		1		152.000	
		Bulk Materials Blending Charge				cu ft		323		3.930	
		SUB-TOTAL FOR Service Charges								1,421.39	
										10,898.51	
										55.00%	
										283.82	
										96.66	
										294.53	
										74.03	
										402.75	
										3,752.55	
										4,904.34	
										152.00	
										571.23	
										723.23	
ARRIVE LOCATION: MO. 05 DAY 18 YEAR 2013 TIME 17:47				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.							
CUSTOMER REP. Roy Hunt				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				BHI APPROVED <i>[Signature]</i>							



FIELD RECEIPT NO. 1001988847

CUSTOMER				ENCANA OIL & GAS (USA) INC - XML				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
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 :		WELL CLASS :		GAS USED ON JOB :		JOB TYPE CODE :									
05 18 2013		05 18 2013		BARLEN M JOYNER		05123343470000		New Well		Gas		No Gas		Surface									
DISTRICT				JOB DEPTH (ft)				TD WELL DEPTH (ft)				WELL TYPE :				WELL CLASS :							
BJS, BRIGHTON				757				767				New Well				Gas							
WELL NAME AND NUMBER				COUNTY/PARISH				Weld				GAS USED ON JOB :				JOB TYPE CODE :							
ARISTOCRAT ANGUS #0-8-3				3-3N-65W								No Gas				Surface							
WELL LOCATION :		LEGAL DESCRIPTION		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							
J401		Bulk Delivery, Dry Products				ton-mi		401		2.850		1,142.85		55%		514.28							
		SUB-TOTAL FOR Freight/Delivery Charges										1,142.85		55.00%		514.28							
		SUB-TOTAL FOR Equipment										19,685.27		54.25%		9,005.24							
		FIELD ESTIMATE																					

10140675
 8715
 404
 Roy H

SUB-TOTAL FOR Freight/Delivery Charges
 SUB-TOTAL FOR Equipment
 FIELD ESTIMATE

ARRIVE LOCATION : 05 18 2013 17:47

CUSTOMER REP. Roy Hunt

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

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 AUTHORIZED AGENT

CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT

BHI APPROVED

Page 2