

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 09-AUG-12	F.R. # 1001928049	SERV. SUPV. RYAN SULLIVAN									
LEASE & WELL NAME ARISTOCRAT ANGUS #8-2-4 - API 0512333562000		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								
Cement Plug, Rubber, Top 8-5/8 in	Cement Basket, Slip On, 8-5/8 in												
	Centralizer, with Pins, 8-5/8 in												
	Alum Baffle Plate, Slip On, 8-5/8												
	Guide Shoe, Cement Nose, 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								
Fresh Water	N/A	0	8.34	0	0								
Fresh Water + Dye	N/A	0	8.34	0	0								
Typell+1.5%CaCl+.15%CF		285	14.5	1.41	6.82								
Fresh Water	N/A	0	8.34	0	0								
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL									
				137.27 46.43									
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	40	725	8.097	8.625	24	CSG	715	715	J-55	715	673	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	
						No packer	0			8.625	8RD	WATER BASED	
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			
42.9	BBLs	Fresh Water	8.34	213	0	0	0	0	2360	1000	Rig		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: .5			Circulation Rate: 4 BPM							
Mud Density In: 9 LBS/GAL			Mud Density Out: 9 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: .5 BBLs										
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Method Used to Verify Returns: Visually										
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"/> RECIPROICATION <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													
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 2923 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:01	0	0	0	0	N/A	Arrive on location, 27 miles, rig still running casing
09:45	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting
10:20	0	0	0	0	N/A	Pre-job safety meeting
10:44	1191	0	0	0	WATER	Low pressure test
10:45	2923	0	0	0	WATER	High pressure test
10:48	80	0	4.1	20	WATER	Freshwater spacer
10:55	82	0	4.1	10	WATER	Dyed water
11:01	200	0	4.3	68	CEMENT	Batch-up & pump 285 sx of Type III cement + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg
11:25	0	0	0	0	N/A	Release plug
11:29	11	0	4.1	41	WATER	Displace
11:42	242	0	2.6	2.5	WATER	Rate change
11:43	281	0	2.6	43.5	WATER	Bump plug to 705 psi, bled down to 114 psi & shut-in, 8 bbls cement to surface
11:50	0	0	0	0	N/A	Pre-rig down safety meeting
12:20	0	0	0	0	N/A	Leave 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	281	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	141.5	114	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

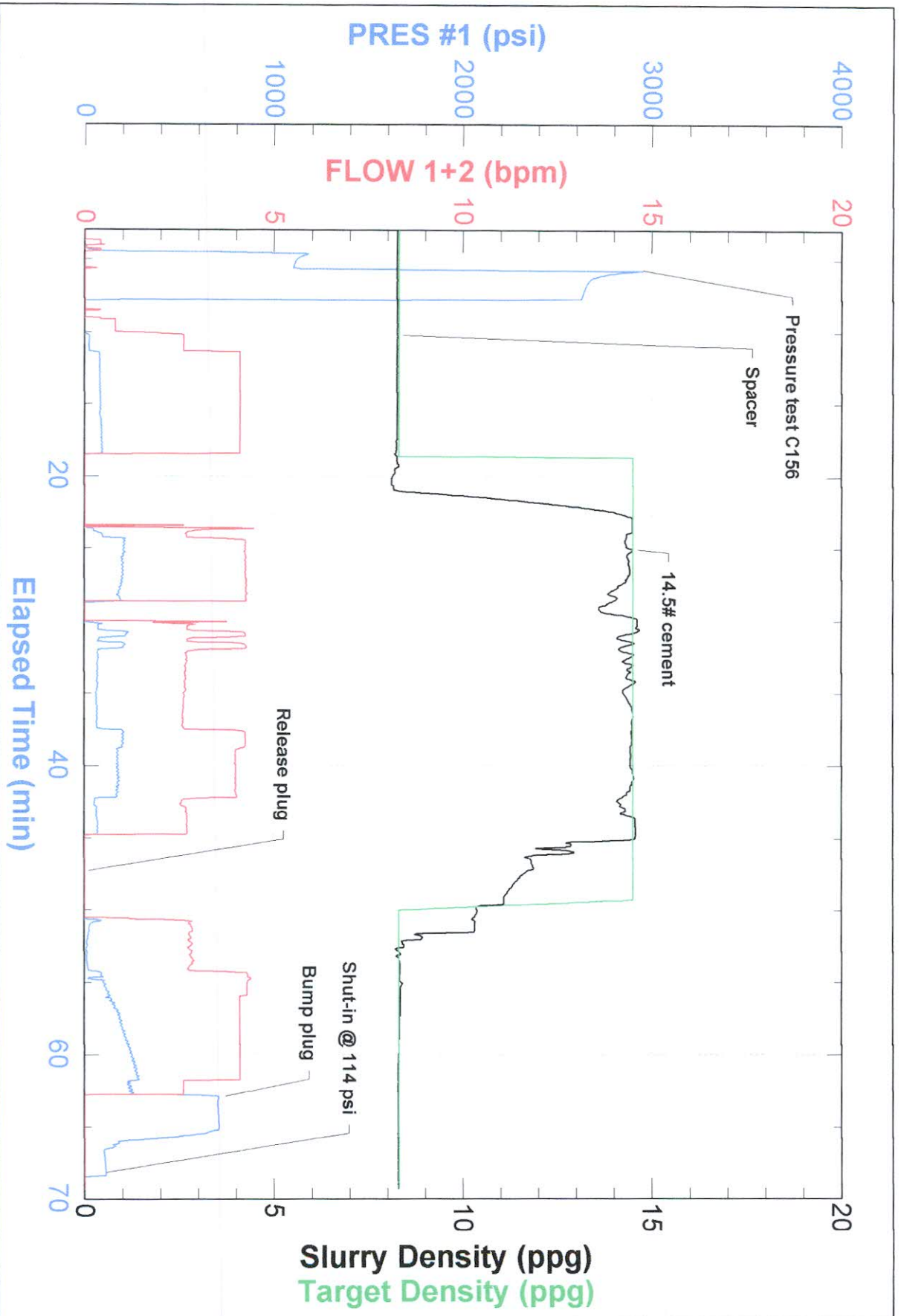


BJ Services JobMaster Program Version 3.50

Job Number: 1001928049

Customer: encana

Well Name: Aristocrat Angus #8-2-4



FIELD RECEIPT NO. 1001928049



CUSTOMER ENCANA OIL & GAS (USA) INC - X			CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201560		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 MO. 08 DAY 09 YEAR 2012			BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123335620000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 715		WELL CLASS : Gas			
WELL NAME AND NUMBER ARISTOCRAT ANGUS #8-2-4					TD WELL DEPTH (ft) 725		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	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride				lbs	402	1.440	578.88	55%	260.50
100295	Cello Flake				lbs	43	4.570	196.51	55%	88.43
488019	FP-6L				gals	3	93.500	280.50	55%	126.23
499680	Static Free				lbs	23	35.800	823.40	55%	370.53
499703	Type III Cement				sacks	285	26.900	7,666.50	55%	3,449.93
SUB-TOTAL FOR Product Material								9,545.79	55.00%	4,295.62
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Blending Charge				cu ft	297	3.930	1,167.21	55%	525.24
SUB-TOTAL FOR Service Charges								1,319.21	48.66%	677.24
ARRIVE LOCATION : MO. 08 DAY 09 YEAR 2012 TIME 08:01 CUSTOMER REP. Scott Osborn 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			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							BHI APPROVED			

FIELD RECEIPT NO. 1001928049



CUSTOMER		ENCANA OIL & GAS (USA) INC. - X		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	BH REPRESENTATIVE	WELL API NO:		WELL TYPE:			
08 09 2012		RYAN SULLIVAN		05123335620000		New Well					
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		715		WELL CLASS:		Gas	
WELL NAME AND NUMBER		ARISTOCRAT ANGUS #8-2-4		TD WELL DEPTH (ft)		725		GAS USED ON JOB:		No Gas	
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
4-3N-65W		Weld		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	3,250.000	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				
SUB-TOTAL FOR Equipment					6,222.52	53.98%	2,863.39				
J401	Bulk Delivery, Dry Products	ton-mi	369	2.850	1,051.65	55%	473.24				
SUB-TOTAL FOR Freight/Delivery Charges					1,051.65	55.00%	473.24				
FIELD ESTIMATE					18,139.17	54.19%	8,309.49				
ARRIVE LOCATION: 08 09 2012 08:01											
MO. DAY YEAR TIME											
CUSTOMER REP. Scott Osborn											
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											
X											
BHT APPROVED											