

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 27-DEC-11		F.R. # 1001877021		SERV. SUPV. CORY A THAUT						
LEASE & WELL NAME BURY CRANDELL #8-2-23 - API 05014207130000			LOCATION 23-1N-68W			COUNTY-PARISH-BLOCK Broomfield Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # ENSIGN 135			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 Shoe 8-5/8 - 8rd											
		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			N/A		0	8.34	0	0	00:00	66.87			
Fresh Water			N/A		0	8.34	0	0	00:00	10			
Type III+1.5%CaCl+.15#/SK			C12-097-11		410	14.5	1.41	6.82	02:30	103	66.78		
Available Mix Water 800 Bbl.			Available Displ. Fluid 698 Bbl.			TOTAL			179.87	66.78			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	40	1105	8.097	8.625	24	CSG	1098	1098	J-55	1098	1057.24	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 Packer	0			8.625	8RND	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			
67.3	BBLS	Fresh Water	8.34	338	0	0	0	0	2950	2360	Rig		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .75			Circulation Rate: 10 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 1			PV & YP Mud Out: 1				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units: <input checked="" type="checkbox"/>						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: .25 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"/> 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: 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			Bottom of Plug: 0 FT				
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top 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				
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							

CEMENT JOB REPORT



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.

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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 CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:44	0	0	0	0	0	Arrive on location	
18:44	0	0	0	0	0	Waiting for rig to finish running casing (2 hours and 7 minutes)	
20:37	0	0	0	0	0	Spot equipment	
20:50	0	0	0	0	0	Pre rig up JSA	
20:54	0	0	0	0	0	Begin ground rig up	
21:30	0	0	0	0	0	Ground rig up complete	
21:30	0	0	0	0	0	Waiting for casing crew to finish rigging down (24 minutes)	
21:54	0	0	0	0	0	JSA with customer and rig crew	
22:08	0	0	0	0	0	Begin floor rig up	
22:27	0	0	0	0	0	Floor rig up complete	
22:27	0	0	0	0	0	Priming up pump	
22:39	17	0	2	2	H2O	Load lines with Fresh Water	
22:41	3102	0	0	0	H2O	Low pressure test	
22:41	3102	0	0	0	H2O	High pressure test	
22:44	145	0	4.1	10	H2O	Spacer - Fresh Water	
22:52	191	0	3.7	96.6	CMNT	Batch up and pump 410 sacks of Cement slurry @ 14.5 ppg: Class C + .08 lbs/sk Static Free + 1.5% Calcium Chloride + .15 lbs/sk Cello Flake	
23:20	0	0	0	0	0	Shut down	
23:24	226	0	4.8	10	H2O	Drop plug / Start displacement with Fresh Water	
23:28	164	0	4.7	19	H2O	Cement returns to surface (47 bbls returned)	
23:39	365	0	2.1	57	H2O	Slow rate	
23:43	396	0	2.1	66	H2O	Pressure just before bump plug (Final Circulating Pressure)	
23:43	924	0	2.1	66	H2O	Bump plug	
23:45	908	0	0	0	H2O	Check floats (holding)	
23:55	0	0	0	0	0	Pre rig down JSA	
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		924	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	47	172.6	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Service Supervisor Signature:

[Signature]

(X)

Bill Le Fe

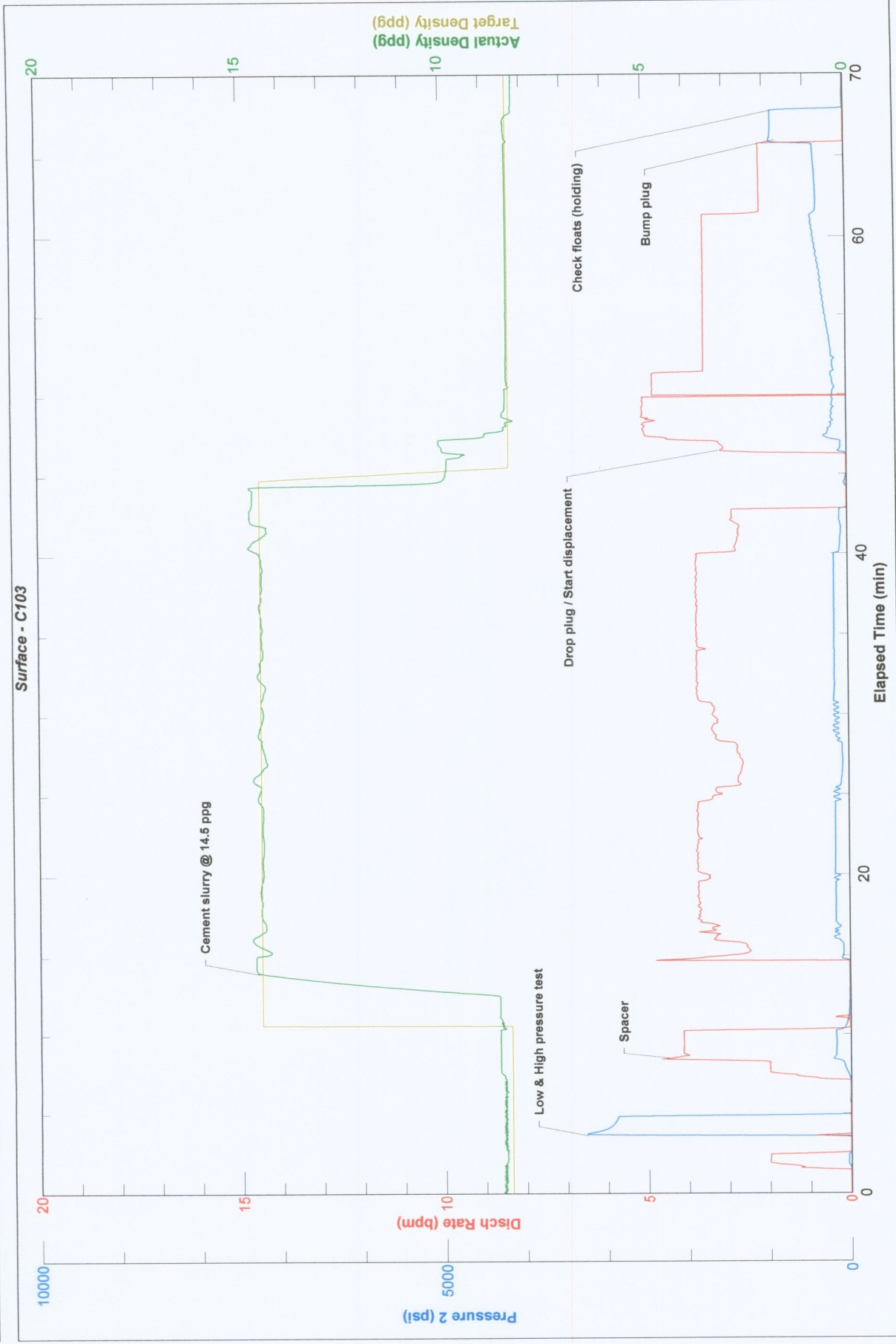


BJ Services JobMaster Program Version 3.50

Job Number: 1001877021

Customer: EnCana

Well Name: Bury Crandell 8-2-23



Report Printed on: December 28 2011 12:10 AM



FIELD RECEIPT NO. 1001877021

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. 12	DAY 27	YEAR 2011	WELL API NO: 05014207130000		WELL TYPE: New Well				
DISTRICT BRIGHTON				JOB DEPTH(ft) 1,095		WELL CLASS: Gas					
WELL NAME AND NUMBER		BURY CRANDELL #8-2-23		TD WELL DEPTH(ft) 1,105		GAS USED ON JOB: No Gas					
WELL LOCATION:		LEGAL DESCRIPTION 23-1N-68W		COUNTY/PARISH Broomfield		STATE Colorado		JOB TYPE CODE: Surface			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F005A	Cement Pumping, 1001 - 2000 ft			4hrs	1	4,500.000	4,500.00	55%	2,025.00		
F088	Cement Pump Tubing, Additional hrs			hrs	1	895.000	895.00	55%	402.75		
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	22	8.550	188.10	55%	84.65		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	22	4.830	106.26	55%	47.82		
SUB-TOTAL FOR Equipment							7,939.36	54.20%	3,635.97		
J401	Bulk Delivery, Dry Products			ton-mi	430	2.850	1,225.50	55%	551.48		
Encana Oil & Gas (USA) Inc. FOR Freight/Delivery Charges							1,225.50	55.00%	551.48		
DJ Basin											
Well: Bury CRANDELL 8-2-23											
AFE: 11148972 FIELD ESTIMATE											
Major/Minor CC: 8715-618											
Signature: Bill LaForce											
RC 55											
26,948.07									12,080.44		
Thank You											
Cory & Crew											
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. Bill LaForce								CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED			
								X			