

# CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 06-OCT-12	F.R. # 1001939715	SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME DOWDY #44-10 - API 05123360500000		LOCATION 10-2N-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	
Cement Plug, Rubber, Top 8-5/8 in		Centralizer, with Pins, 8-5/8 in			
		Cement Basket, Slip On, 8-5/8 in			
		Guide Shoe, Cement Nose, 8-5/8 in			
		Alum Baffle Plate, Slip On, 8-5/8			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
				SLURRY YLD FT <sup>3</sup>	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
Fresh Water		N/A		0	8.34
Fresh Water + Dye		N/A		0	8.34
Type III + 1.5% CaCl <sub>2</sub> + 1.5% CF				370	14.5
Fresh Water		N/A		0	8.34
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 178.8 60.24	
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	40	930	8.097	8.625	24
		TYPE		MD	TV
		CSG		920	920
		GRADE		SHOE	
		J-55		920	
				FLOAT	
				878	
				STAGE	
				0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TV
			BRAND & TYPE	DEPTH	TOP
			No packer	0	BTM
				SIZE	THREAD
				8.625	8RD
				WELL FLUID	
				TYPE	
				WATER BASED	
				WGT.	
				9.6	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
55.9	BBLS	Fresh Water	8.34	278	0
				OP. MAX	SQ. PSI
				0	0
				MAX TBG PSI	MAX CSG PSI
				0	0
				RATED	Operator
				2360	1000
				MIX WATER	
				Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: .75		
Mud Density In: 9.6 LBS/GAL			Mud Density Out: 9.6 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: 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"/> 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) Did not bump plug. Calculated displacement was 55.9 bbls. Customer advised max displacement was calculated plus 1/2 of the shoe track, or 57.2 bbls. We shut down @ 57 bbls and shut-in the cement head.		

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	2684 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
03:45	0	0	0	0	N/A	Arrive on location, 21 miles, rig still running casing	
04:15	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
05:20	0	0	0	0	N/A	Pre-job safety meeting	
05:39	2684	0	0	0	WATER	Pressure test C085	
05:44	149	0	5	20	WATER	Freshwater	
05:49	160	0	5	10	WATER	Dyed water	
05:56	83	0	3.8	89	CEMENT	Batch-up, weigh, & pump 370 sx of Type III cement + 0.15 lbs/sk Cello Flake + 1.5% CaCl + 0.08 lbs/sk Static Free @ 14.5 ppg	
06:25	0	0	0	0	N/A	Release plug	
06:29	179	0	4.1	30	CLAYCAR	Displace	
06:41	305	0	2.8	27	CLAYCAR	Rate change	
06:57	408	0	2.5	57	CLAYCAR	Shut-down, did not bump plug	
07:00	295	0	0	0	N/A	Shut-in head @ 295 psi, per customer request	
07:05	0	0	0	0	N/A	Pre-rig down safety meeting	
07:40	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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	20	176	295	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



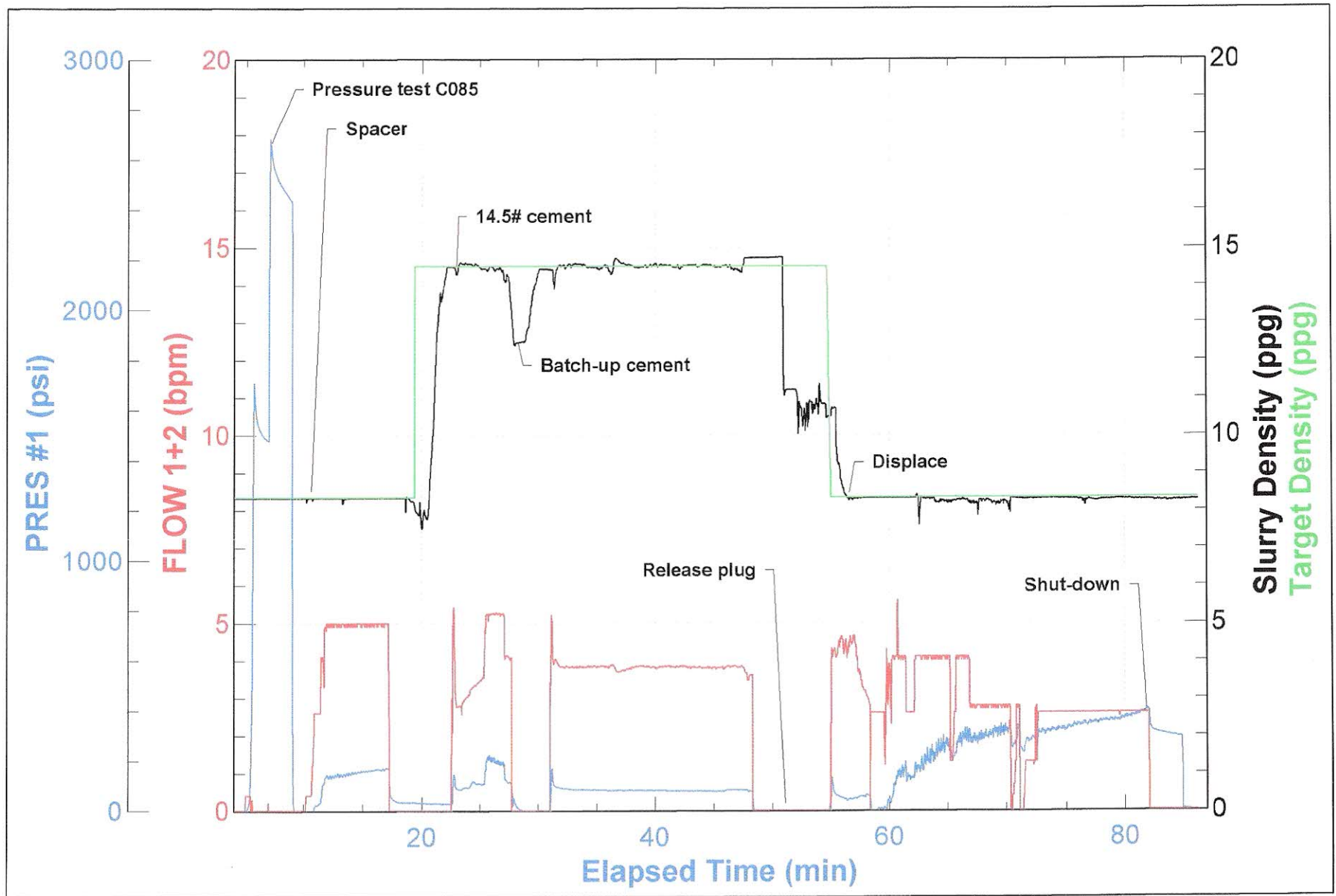


# BJ Services JobMaster Program Version 3.50

Job Number: 1001939715

Customer: encana

Well Name: Dowdy #44-10





FIELD RECEIPT NO. 1001939715

<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC - X				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20023075 - 00201580		<b>INVOICE NUMBER</b>	
<b>MAIL INVOICE TO:</b> STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				<b>CITY</b> DENVER		<b>STATE</b> Colorado		<b>ZIP CODE</b> 80202			
<b>DATE WORK COMPLETED</b> MO. 10 DAY 06 YEAR 2012		<b>BHI REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123360500000		<b>WELL TYPE:</b> New Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 920		<b>WELL CLASS:</b> Gas					
<b>WELL NAME AND NUMBER</b> DOWDY #44-10				<b>TD WELL DEPTH (ft)</b> 930		<b>GAS USED ON JOB:</b> No Gas					
<b>WELL LOCATION:</b> LEGAL DESCRIPTION 10-2N-65W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE:</b> Surface					
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>			<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100112	Calcium Chloride			lbs	522	1.440	751.68	55%	338.26		
100295	Cello Flake			lbs	56	4.570	255.92	55%	115.16		
488019	FP-6L			gals	3	93.500	280.50	55%	126.23		
488465	ClayCare			gals	3	139.600	418.80	55%	188.46		
499632	Granulated Sugar			lbs	50	3.290	164.50	55%	74.03		
499680	Static Free			lbs	30	35.800	1,074.00	55%	483.30		
499703	Type III Cement			sacks	370	26.900	9,953.00	55%	4,478.85		
SUB-TOTAL FOR Product Material							12,898.40	55.00%	5,804.29		
A152	Personnel Surcharge - Cement Svc			ea	1	152.000	152.00	0%	152.00		
M100	Bulk Materials Blending Charge			cu ft	385	3.930	1,513.05	55%	680.87		
SUB-TOTAL FOR Service Charges							1,665.05	49.98%	832.87		
<b>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.</b>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>							
<b>CUSTOMER REP.</b> Roy Hunt				<b>CUSTOMER AUTHORIZED AGENT</b> X <i>[Signature]</i>				<b>CUSTOMER AUTHORIZED AGENT</b> X			
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>CUSTOMER AUTHORIZED AGENT</b> X <i>[Signature]</i>				<b>BHI APPROVED</b> X <i>[Signature]</i>			



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MAIL INVOICE TO :		STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER		CITY DENVER		STATE Colorado		ZIP CODE 80202	
DATE WORK COMPLETED		MO. 10	DAY 06	YEAR 2012	BHI REPRESENTATIVE RYAN SULLIVAN	WELL API NO: 05123360500000		WELL TYPE : New Well	
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 920		WELL CLASS : Gas			
WELL NAME AND NUMBER DOWDY #44-10				TD WELL DEPTH (ft) 930		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 10-2N-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
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	42	8.550	359.10	55%	161.60
J391	Mileage, Auto, Pick-Up or Treating Van	miles	42	4.830	202.86	55%	91.29
	SUB-TOTAL FOR Equipment				6,061.96	53.96%	2,791.14
J401	Bulk Delivery, Dry Products	ton-mi	373	2.850	1,063.05	55%	478.37
	EnCana Oil & Gas (USA) Inc. SUB-TOTAL FOR Freight/Delivery Charges				1,063.05	55.00%	478.37
	FIELD ESTIMATE				21,688.46	54.32%	9,906.67

EnCana Oil & Gas (USA) Inc. SUB-TOTAL FOR Freight/Delivery Charges

DJ/Paradox

AFE/CC 12163987

Major 8715

Minor 618

Roy Hunt

ARRIVE LOCATION : 10 06 2012 03:45	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	CUSTOMER AUTHORIZED AGENT		BHI APPROVED