

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 20-FEB-12	F.R. # 1001889784	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME RASMUSSEN #4-6-19 - API 05123322480000		LOCATION 19-2N-68W		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, Bottom 8-5/8	Float Collar, Auto Fill, 8-5/8 - 8rd				
	Guide Shoe, Cement Nose, 8-5/8 i				
	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 FT ³	WATER GPS
Fresh Water	0	0	8.34	0	00:00
Fresh Water + Dye	0	0	8.34	0	00:00
Typelll+1.5%CaCl+.15%CF	0	315	14.5	1.41	02:30
Available Mix Water 500 Bbl.	Available Displ. Fluid 300 Bbl.	TOTAL		157.1	51.29
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	40	810	8.097	8.625	24
		CSG	MD	TVD	GRADE
		796	796	J-55	SHOE
				796	FLOAT
				754	STAGE
					0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
		BRAND & TYPE		DEPTH	TOP
		No packer		0	BTM
				8.625	SIZE
				8RD	THREAD
				WATER BASED	WELL FLUID
				9.5	WGT.
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
47.5	BBLS	Fresh Water	8.34	239	0
				0	0
				0	0
				2360	1000
				Rig tank	MIX WATER
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.5 LBS/GAL			Mud Density Out: 9.5 LBS/GAL		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0			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: 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 6		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID		
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) N/A	
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) N/A	
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) N/A	

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	3346 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:00	0	0	0	0	N/A	Yard call	
00:45	0	0	0	0	N/A	Leave yard	
01:15	0	0	0	0	N/A	Arrive on location	
01:20	0	0	0	0	N/A	Spot trucks	
01:25	0	0	0	0	N/A	Rig up safety meeting	
01:50	0	0	0	0	N/A	Pre job safety meeting	
02:16	3346	0	0	0	H2O	Pressure test pumps and lines	
02:20	102	0	4.8	20	H2O	Preflush	
02:26	130	0	4.8	10	H2O	Dyed spacer	
02:33	133	0	5	73	CMT	Batch up and pump 315 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps	
02:53	0	0	0	0	N/A	Drop plug	
02:58	358	0	4.8	40	H2O	Displacement	
03:06	383	0	2.4	7.5	H2O	Rate change	
03:09	409	0	2.4	47.5	H2O	Bump plug	
03:09	485	0	0	0	N/A	Plug down @ 47.5 bbl's	
03:14	177	0	0	0	N/A	Shut in	
03:15	0	0	0	0	N/A	Rig down safety meeting	
04:00	0	0	0	0	N/A	Leave location	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 485	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 13	TOTAL BBL. PUMPED 150.5	PSI LEFT ON CSG 177	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:



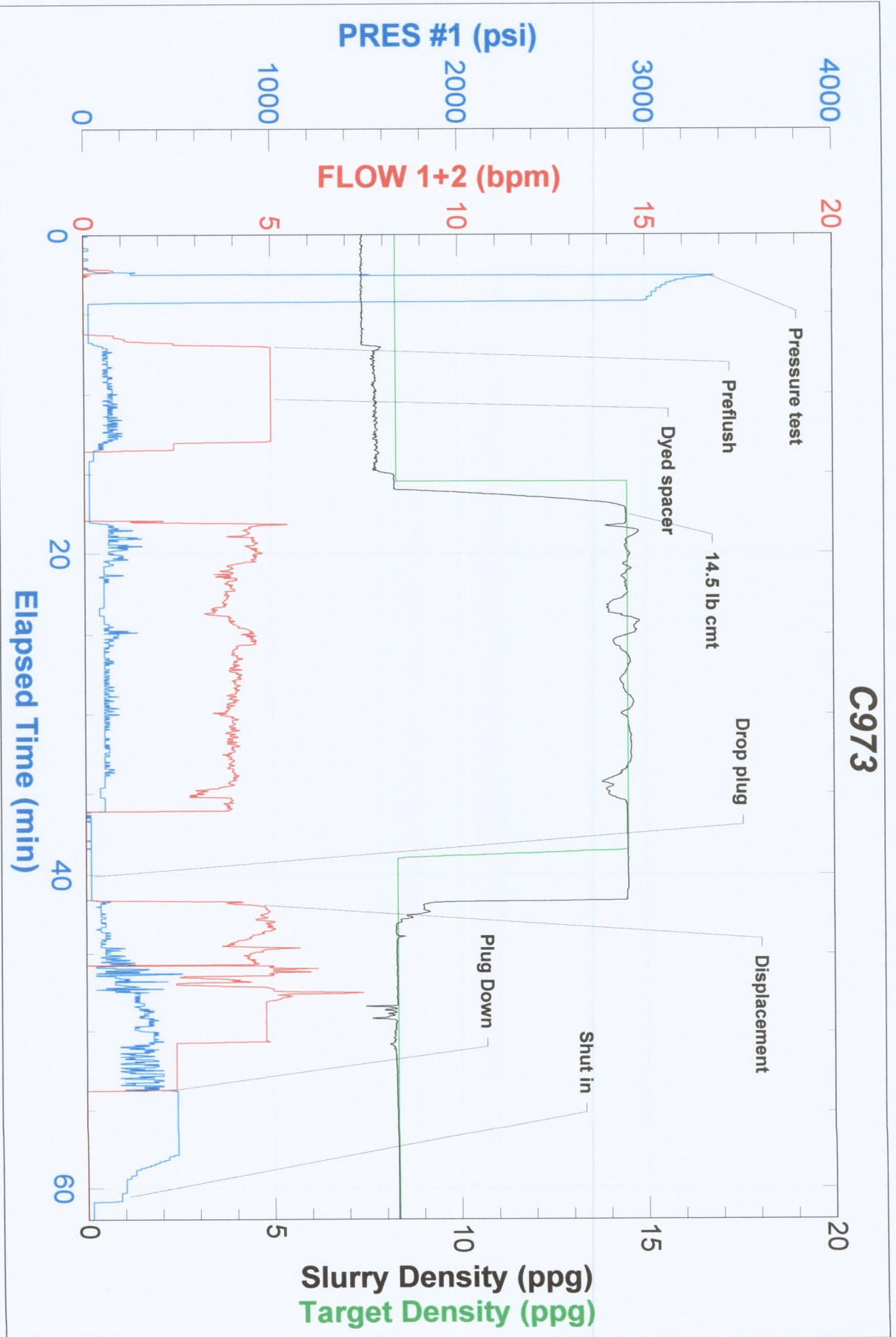
BJ Services JobMaster Program Version 3.50

Job Number: 1001889784

Customer: EnCana

Well Name: Rasmussen #4-6-19

C973





FIELD RECEIPT NO. 1001889784

CUSTOMER	ENCANA OIL & GAS (USA) INC - X	CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER	INVOICE NUMBER
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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. 02 DAY 20 YEAR 2012	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :
		AARON M MCWILLIAMS	05123322480000	New Well

DISTRICT	JOB DEPTH(ft)	WELL CLASS :
BJS, BRIGHTON	754	Gas

WELL NAME AND NUMBER	TD WELL DEPTH(ft)	GAS USED ON JOB :
RASMUSSEN #4-6-19	810	No Gas

WELL LOCATION :	LEGAL DESCRIPTION	COUNTY/PARISH	STATE	JOB TYPE CODE :
	19-2N-68W	Weld	Colorado	Surface

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	444	1.440	639.36	55%	287.71
100112	Calcium Chloride	lbs	250	1.440	360.00	100%	0.00
100295	Cello Flake	lbs	48	4.570	219.36	55%	98.71
100404	Sodium Chloride	lbs	150	0.460	69.00	100%	0.00
488019	FP-6L	gals	4	93.500	374.00	55%	168.30
499632	Granulated Sugar	lbs	50	3.290	164.50	55%	74.03
499680	Static Free	lbs	26	35.800	930.80	55%	418.86
499703	Type III Cement	sacks	315	26.900	8,473.50	55%	3,813.08
	SUB-TOTAL FOR Product Material				11,230.52	56.72%	4,860.69
A152	Personnel Surcharge - Cement Svc	ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Service Charge	cu ft	334	3.930	1,312.62	55%	590.68
	SUB-TOTAL FOR Service Charges				1,464.62	49.29%	742.68

ARRIVE LOCATION :	MO. 02 DAY 21 YEAR 2012 TIME 01:15	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		

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS	CUSTOMER AUTHORIZED AGENT	BHI APPROVED
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FIELD RECEIPT NO. 1001889784

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	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :			
02 20 2012		AARON M MCWILLIAMS		05123322480000		New Well					
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
WELL NAME AND NUMBER		RASMUSSEN #4-6-19		TD WELL DEPTH (ft)		GAS USED ON JOB :					
WELL		LEGAL DESCRIPTION		COUNTRY/PARISH		STATE		JOB TYPE CODE :			
LOCATION :		19-2N-68W		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	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	Encana Oil & Gas (USA) Inc Bulk Delivery Dry Products	ton-mi	322	2.850	917.70	55%	412.97
D/J/Paradox					917.70	55.00%	412.97
AFE/CC: 10137295							
Major: 8720							
Minor: 618							
FIELD ESTIMATE					19,674.80	55.23%	8,807.48

ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	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		BHI APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT		BHI APPROVED	