

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	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water		0		0	8.34	0	0	00:00	48				
Fresh Water + Dye		0		0	8.34	0	0	00:00	30				
TypeIII+1.5%CaCl+ .15%CF		0		315	14.5	1.41	6.82	02:30	79.1	51.29			
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.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	40	810	8.097	8.625	24	CSG	796	796	J-55	796	754	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	8RD	WATER BASED	9.5
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			
47.5	BBSL	Fresh Water	8.34	239	0	0	0	0	2360	1000	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 7 BPM					
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 BBSL									
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				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					
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		CO. REP.	
	PIPE	ANNULUS				X		X	
						TEST LINES 3346 PSI			
						CIRCULATING WELL - RIG X 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	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 type="checkbox"/> Y <input type="checkbox"/> N	485	<input type="checkbox"/> Y <input type="checkbox"/> N	13	150.5	177	<input type="checkbox"/> Y <input type="checkbox"/> N	



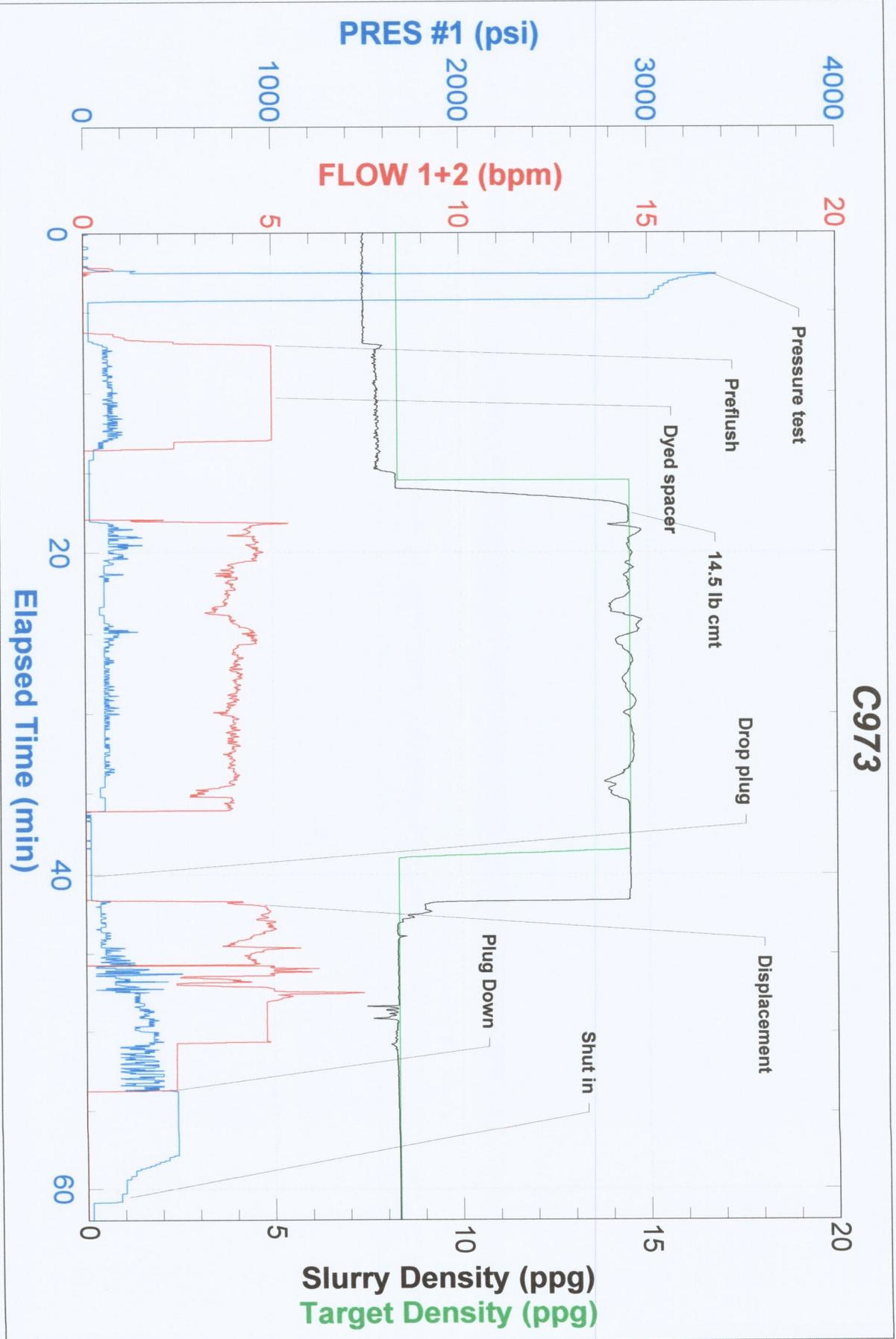
BJ Services JobMaster Program Version 3.50

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 20023075 - 00201580 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 MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE : AARON M MCWILLIAMS 05123322480000 New Well

COMPLETED MO. DAY YEAR AARON M MCWILLIAMS JOB DEPTH(ft) WELL CLASS : 754 Gas

DISTRICT BUS, BRIGHTON TD WELL DEPTH(ft) 810 GAS USED ON JOB : No Gas

WELL NAME AND NUMBER RASMUSSEN #4-6-19 LEGAL DESCRIPTION 19-2N-68W 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	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 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.

CUSTOMER REP. Roy Hunt CUSTOMER AUTHORIZED AGENT BHI APPROVED

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT



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MAIL STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER CITY DENVER STATE Colorado ZIP CODE 80202

INVOICE TO DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO: 05123322480000 WELL TYPE: New Well

COMPLETED 02 20 2012 AARON M MCWILLIAMS JOB DEPTH (ft) 754 WELL CLASS: Gas

DISTRICT BJS, BRIGHTON TD WELL DEPTH (ft) 810 GAS USED ON JOB: No Gas

WELL NAME AND NUMBER RASMUSSEN #4-6-19 LEGAL DESCRIPTION 19-2N-68W 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	3,250.000	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
	DJ/Paradox				917.70	55.00%	412.97
	AFE/CC: 10137295						
	Major: 8720						
	Minor: 618						
	FIELD ESTIMATE				19,674.80	55.23%	8,807.48

Signature: *Roy Hunt*

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CUSTOMER REP. Roy Hunt CUSTOMER AUTHORIZED AGENT *Roy Hunt*

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS BHI APPROVED *[Signature]*