

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 16-FEB-12		F.R. # 1001888800		SERV. SUPV. RYAN SULLIVAN						
LEASE & WELL NAME RASMUSSEN #0-4-19 - API 05123322550000			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, 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											
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES							
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Claycare Water				N/A		0	8.34	0	0	00:00	48.2	—	
Fresh Water + Dye				N/A		0	8.34	0	0	00:00	10	—	
Type III + 1.5% CaCl + .15% CF				—		315	14.5	1.41	6.82	02:30	79.1	51.29	
Fresh Water				N/A		0	8.34	0	0	00:00	20	—	
Available Mix Water 200 Bbl.				Available Displ. Fluid 200 Bbl.				TOTAL		157.3		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	750	8.097	8.625	24	CSG	798	798	J-55	798	756	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			
48.2	BBLs	Claycare Water	8.34	240	0	0	0	0	2360	1000	Rig		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 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"/> 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 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	3658 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
01:45	0	0	0	0	N/A	Yard call	
04:18	0	0	0	0	N/A	Arrive on location, 21 miles, casing landed, rig circulating	
04:22	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
05:10	0	0	0	0	N/A	Pre-job safety meeting	
05:26	1220	0	0	0	WATER	Low pressure test	
05:29	3658	0	0	0	WATER	High pressure test	
05:30	157	0	6	20	WATER	Freshwater	
05:35	178	0	6	10	WATER	Dyed water spacer	
05:36	1276	0	5.3	78	CEMENT	Batch-up, weigh, & pump 315 sx of Type III + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
05:55	0	0	0	0	N/A	Release plug	
05:59	145	0	4.8	40	CLAYCAR	Displace claycare water, per customer request	
06:08	232	0	2.4	8.8	CLAYCAR	Rate change	
06:12	471	0	2.4	48.8	CLAYCAR	Bump plug, bled back to 60 psi & shut-in per customer request	
06:16	0	0	0	0	N/A	Pre-rig down safety meeting	
06:45	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	300	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	12	126.8	60	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



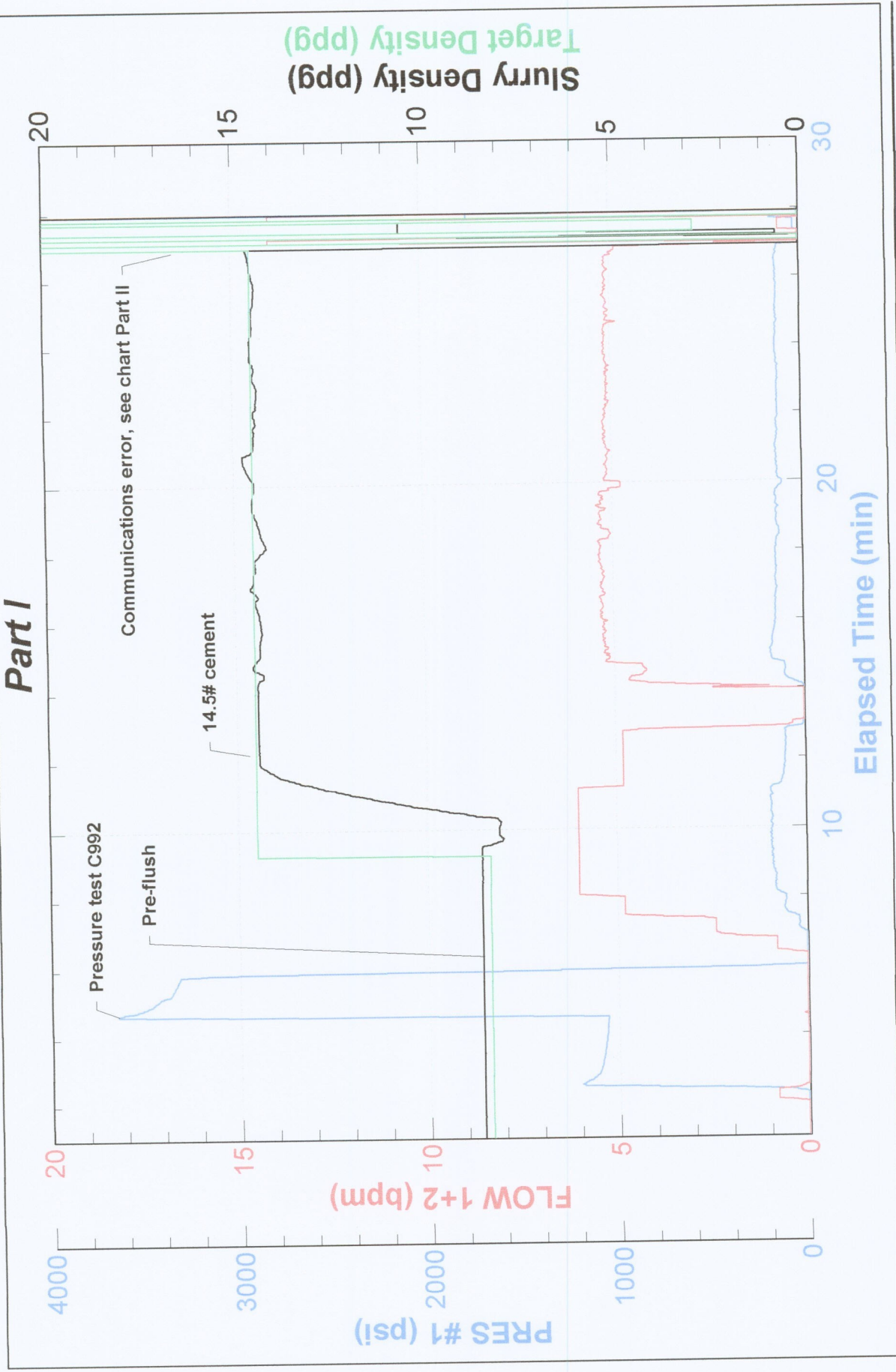
BJ Services JobMaster Program Version 3.50

Job Number: 1001888800

Customer: EnCana

Well Name: Rasmussen #0-4-19

Part I





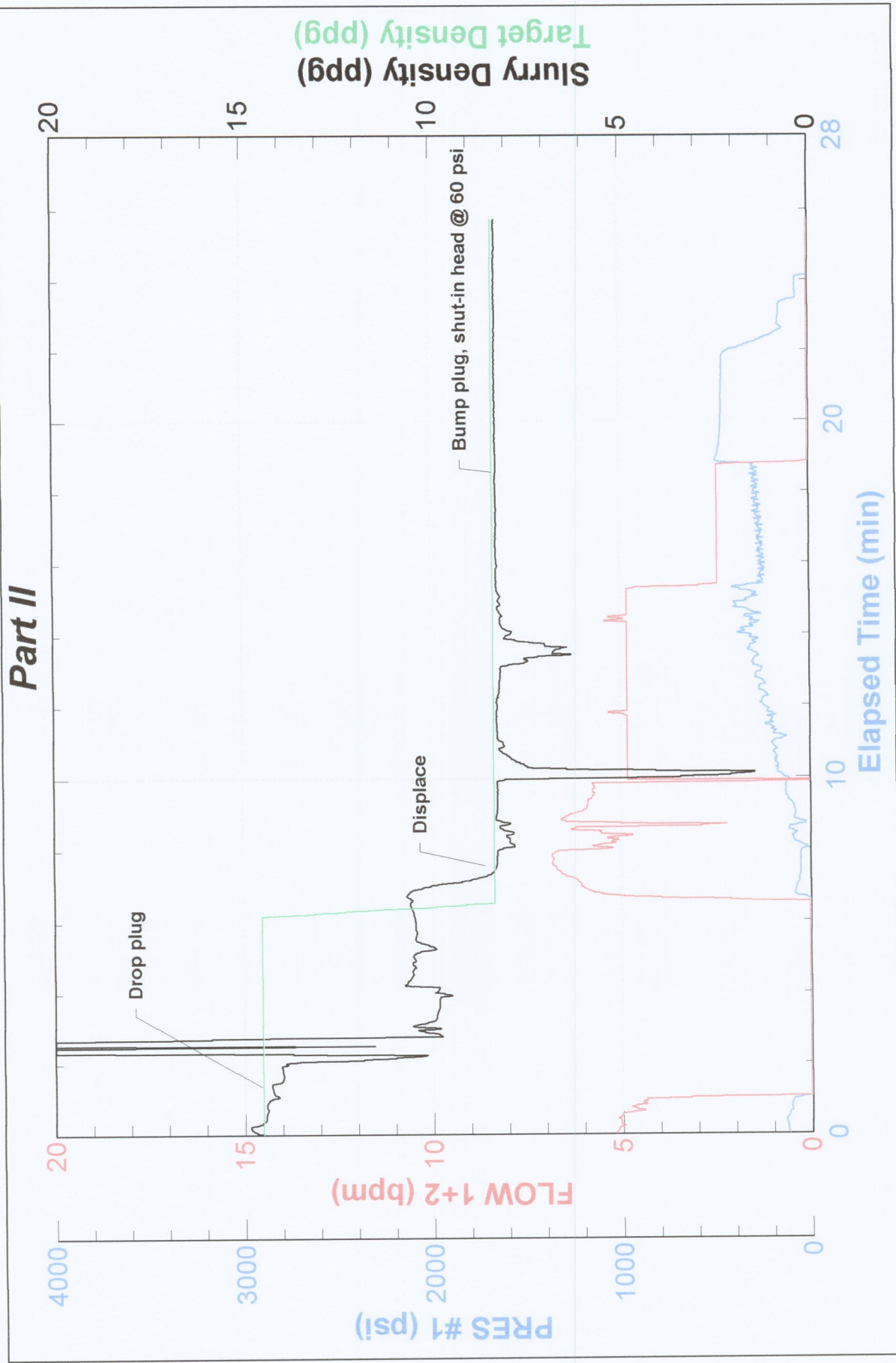
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Job Number: 1001888800

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Part II





FIELD RECEIPT NO. 1001888800

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL INVOICE TO : 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 02	DAY 16	YEAR 2012	BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123322550000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 798		WELL CLASS : Gas				
WELL NAME AND NUMBER RASMUSSEN #0-4-19					TD WELL DEPTH (ft) 810		GAS USED ON JOB : No Gas				
WELL LOCATION :		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	3	93.500	280.50	55%	126.23	
499632	Granulated Sugar				lbs	50	3.290	164.50	55%	74.03	
499680	Static Free				lbs	26	35.800	930.80	55%	418.86	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	3	90.000	270.00	55%	121.50	
499703	Type III Cement				sacks	315	26.900	8,473.50	55%	3,813.08	
SUB-TOTAL FOR Product Material								11,407.02	56.69%	4,940.12	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Service Charge				cu ft	336	3.930	1,320.48	55%	594.22	
SUB-TOTAL FOR Service Charges								1,472.48	49.32%	746.22	
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 X					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BHI APPROVED X					



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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	Bulk Delivery, Dry Products				ton-mi	322	2.850	917.70	55%	412.97	
SUB-TOTAL FOR Freight/Delivery Charges								917.70	55.00%	412.97	
EnCana Oil & Gas (USA) Inc.											
DJ/Paradox											
AFE/CC											
Major											
Minor											
FIELD ESTIMATE								19,859.16	55.23%	8,890.45	
SUB-TOTAL											
ARRIVE LOCATION : 02 16 2012 04:18					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.						
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED						