

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 26-FEB-12		F.R. # 1001890838		SERV. SUPV. JOHN R WUDARCZYK								
LEASE & WELL NAME RASMUSSEN #2-8-19 - API 05123322580000			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		Float Shoe 8-5/8 - 8rd													
		Centralizer, with Pins, 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	
Fresh Water								0	8.34	0	0	00:00	48.2		
Fresh Water + Dye								0	8.34	0	0	00:00	10		
Type III + 1.5% CaCl ₂ + 15% CF								315	14.5	1.41	6.82	02:30	79	51.22	
Fresh Water								0	8.34	0	0	00:00	20		
Available Mix Water				200 Bbl.				Available Displ. Fluid				200 Bbl.			
								TOTAL				157.2 51.22			
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	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	WGT.	
						NO PACKER		0			8.625	8RND	WATER BASED	9.4	
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					
48.2	BBLS	Fresh Water	8.34	242	0	0	0	0	2360	1500	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: 9.4 LBS/GAL Mud Density Out: 9.4 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: 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"/> 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															
PRESSURE/RATE DETAIL										EXPLANATION					

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

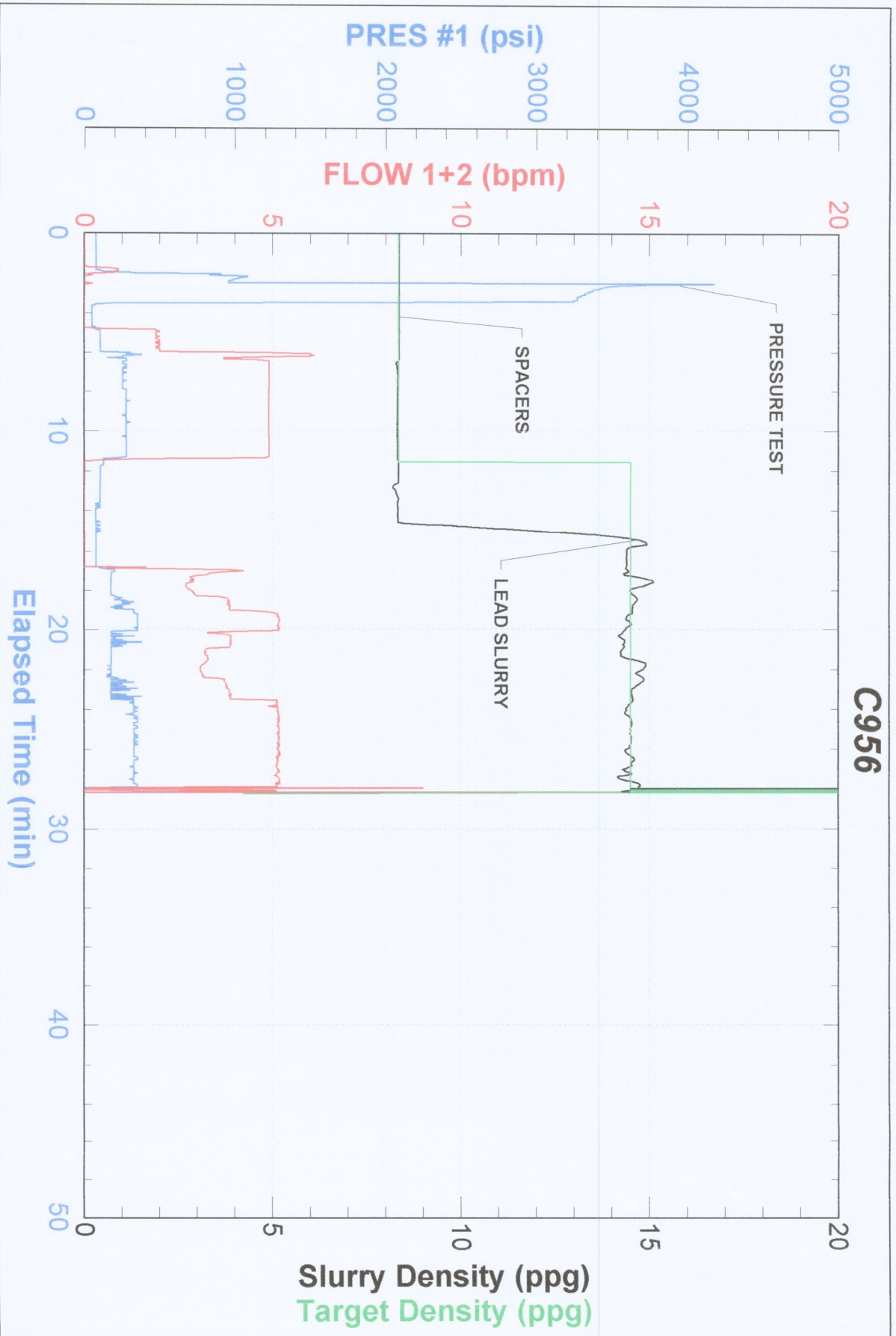
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 NONE

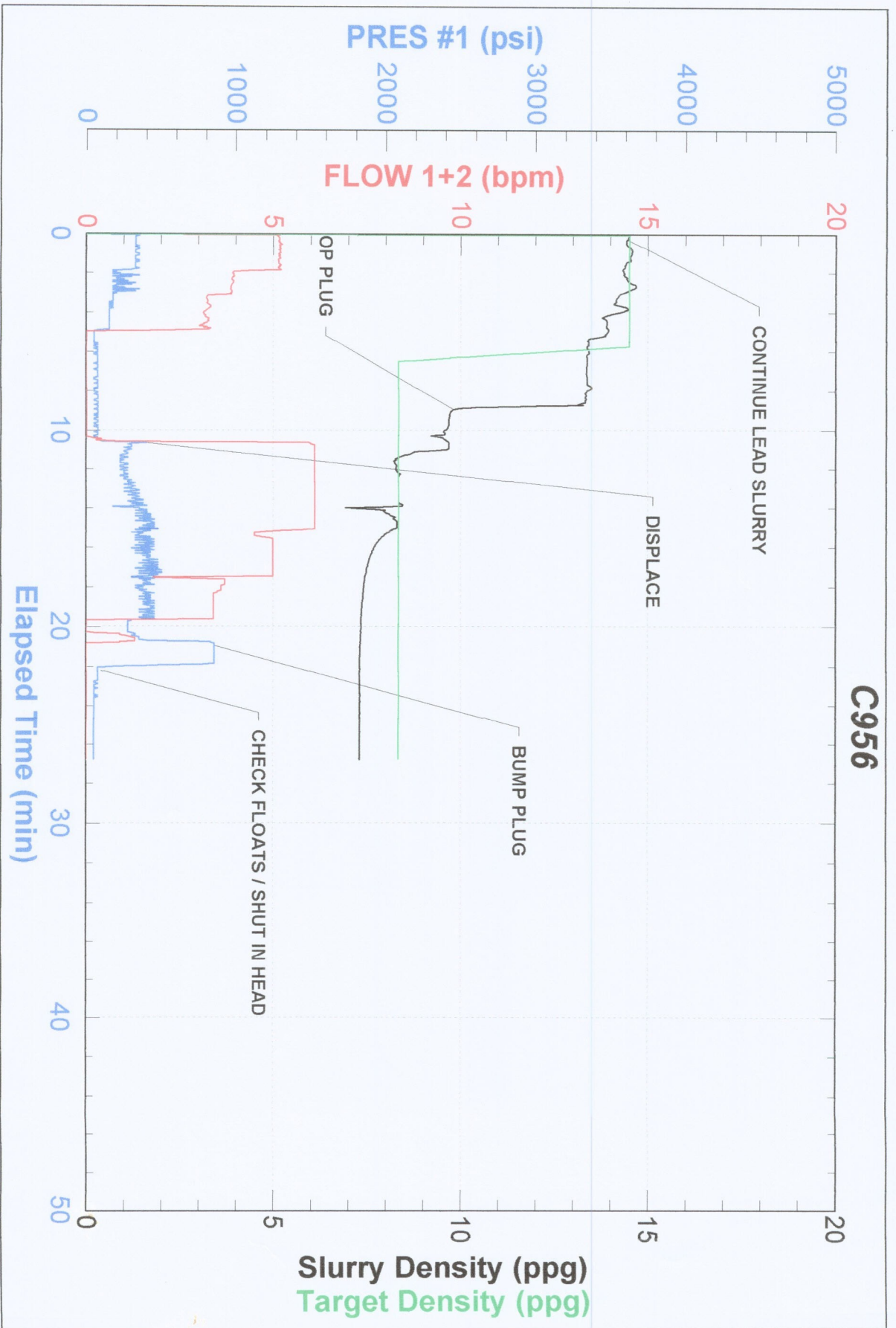
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3602 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:10	0	0	0	0	0	ARRIVE ON LOCATION (21 MILES)	
09:20	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
10:00	0	0	0	0	0	PRE JOB MEETING	
10:27	3602	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
10:29	304	0	4.8	20	H2O	FRESH WATER	
10:34	279	0	4.8	10	H2O	DYE WATER	
10:40	329	0	5	72	CMT	BATCH UP AND PUMP 315 SKS TYPE III+.08#/SACK STATIC FREE+1.5%CACL+.15#/SACKCELLO FLAKE@14.5#	
11:03	0	0	0	0	H2O	DROP PLUG	
11:04	400	0	4.8	40	H2O	START DISPLACEMENT	
11:10	353	0	3.5	9.5	H2O	SLOW RATE	
11:14	857	0	0	0	H2O	BUMP PLUG @ 49.5 BBLS	
11:15	0	0	0	0	H2O	CHECK FLOATS	
11:17	0	0	0	0	H2O	SHUT IN HEAD	
11:20	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	
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	857	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	151.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>John R. W. Dargatzis</i>

(C) R. J. Fu



BJ Services JobMaster Program Version 3.50
Job Number: 1001890838
Customer: ENCANA
Well Name: RASMUSSEN # 2-8-19







FIELD RECEIPT NO. 1001890838

CUSTOMER		ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		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. 02	DAY 26	YEAR 2012	BHI REPRESENTATIVE JOHN R WUDARCZYK		WELL API NO: 05123322580000		WELL TYPE : New Well						
DISTRICT		BJS. BRIGHTON		JOB DEPTH (ft) 798		WELL CLASS : Gas		GAS USED ON JOB : No Gas							
WELL NAME AND NUMBER		RASMUSSEN #2-8-19		TD WELL DEPTH (ft) 810		JOB TYPE CODE : Surface									
WELL LOCATION :		LEGAL DESCRIPTION 19-2N-68W		COUNTY/PARISH Weld		STATE Colorado									
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	
489632		Granulated Sugar		lbs		100		3.290		329.00		55%		148.05	
489680		Static Free		lbs		26		35.800		930.80		55%		418.86	
489703		Type III Cement		sacks		315		26.900		8,473.50		55%		3,813.08	
		SUB-TOTAL FOR Product Material								11,301.52		56.71%		4,892.64	
A152		Personnel Surcharge - Cement Svc		ea		1		152.000		152.00		0%		152.00	
M100		Bulk Materials Service Charge		cu ft		337		3.930		1,324.41		55%		595.98	
		SUB-TOTAL FOR Service Charges								1,476.41		49.34%		747.98	
ARRIVE LOCATION :		MO. 02	DAY 26	YEAR 2012	TIME 09:10		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								CUSTOMER AUTHORIZED AGENT		X		BHI APPROVED			

