



CEMENTER'S WELL SERVICE, INC.
 P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

200147

Larson Farms

9/13/11	Well Owner ST. James Energy	Well No. 4-24	Lease LARSON FARMS
Weld	State Colorado		Field
Company Code Drilling, LLC			Charge Code
Address 3450 WCR 27 #2 (Cade #22)			For Office Use
State FT. Lupton, Colorado 80621			
Pump Truck No. 1208	Code	Bulk Truck No. 1207/1218	Code
Depth of Job		Depth	Ft. 784
Surface 8 5/8" CSB-24"		Bottom of Surface	Ft. 772
Plug Landed @ 730		Time On	2200
Pipe Landed @ 772		Time Off	Plug Down 0230

Reference No.	Description	Qty.	Meas.	Unit Price
	Pump Truck Charge			
	Cement Neat ✓	540	SKS	
	Poz. Mix	3%		
	Calcium Chloride			
	Gel % Flo-Cele $\frac{1}{4}$ #Per Sack			
	Handling Charge			
	Hauling Charge			
	Additional Cement			
8 5/8"	Centralizers	3		
	Guide Shoe	1		
	Baffle Plate	1		
	Boxthreadlock	1		
	Mixing Rate - 4 BPM / Displacement Rate - 4 BPM			
	Slurry Vol - 1.18 CU FT / SK - Slurry WT 15.2 PPG			
	Total Slurry Vol 113.4 BBS Cement			
	Landed Plug @ 400 PSI / Water Temp 65° F			

Remarks: Pre-Flush w/ 30 BBS H²⁰	Tax Reference Code	Sub Total
Displace w/ 46.4 BBS H²⁰	State CO 2.9 %	Tax
Circulate 4 BBS Cement	Disc.	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other
1208		Pump Truck		30		
1207/1218		Bulk Truck		30/30		

... for any damage or conditions resulting from our services. All pricing is subject to review and revision.

CEMENT JOB REPORT



CUSTOMER ST JAMES ENERGY		DATE 17-SEP-11	F.R. # 1001853639	SERV. SUPV. RYAN R STEVENS								
LEASE & WELL NAME LARSON FARMS #4-24 - API 05123341480000		LOCATION 24-6N-64W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
Latch Down Plug & Assembly, 4-1/2		Float Collar, AI Flap, 4-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
		Float Shoe 4-1/2 - 8rd										
MATERIALS FURNISHED BY BJ				—	—	—	—	—	—	—		
50:50+ .4%FL52+3%Gel+.1%SMS+20%SF				145	13.5	1.71	8.30	03:00	44.15	28.61		
ClayCare water				0	8.34	0	0	00:00	116.1			
ClayCare water				0	8.34	0	0	00:00	20			
PL+.25%R3+.4%FL52+3%Gel				831	12.5	1.89	10.37	03:00	279.72	205.26		
Mud Clean I				0	8.3	0	0	00:00	20			
ClayCare water				0	8.3	0	0	00:00	20			
Surfactant Wash				0	8.34	0	0	00:00	20			
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL				519.97	233.87			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875	0	7491	4.5	11.6	CSG	7485	N-80	7485	7470	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	750	No Liner			0	0	4.5	8RD	WATER BASED MU	9.3
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		
116.1	BBLs	ClayCare water	8.34	1655	0	0	0	0	6224	3000	Rig Tank	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6 BPM				
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 13		PV & YP Mud Out: 13		
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: Visual								
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 48				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 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)

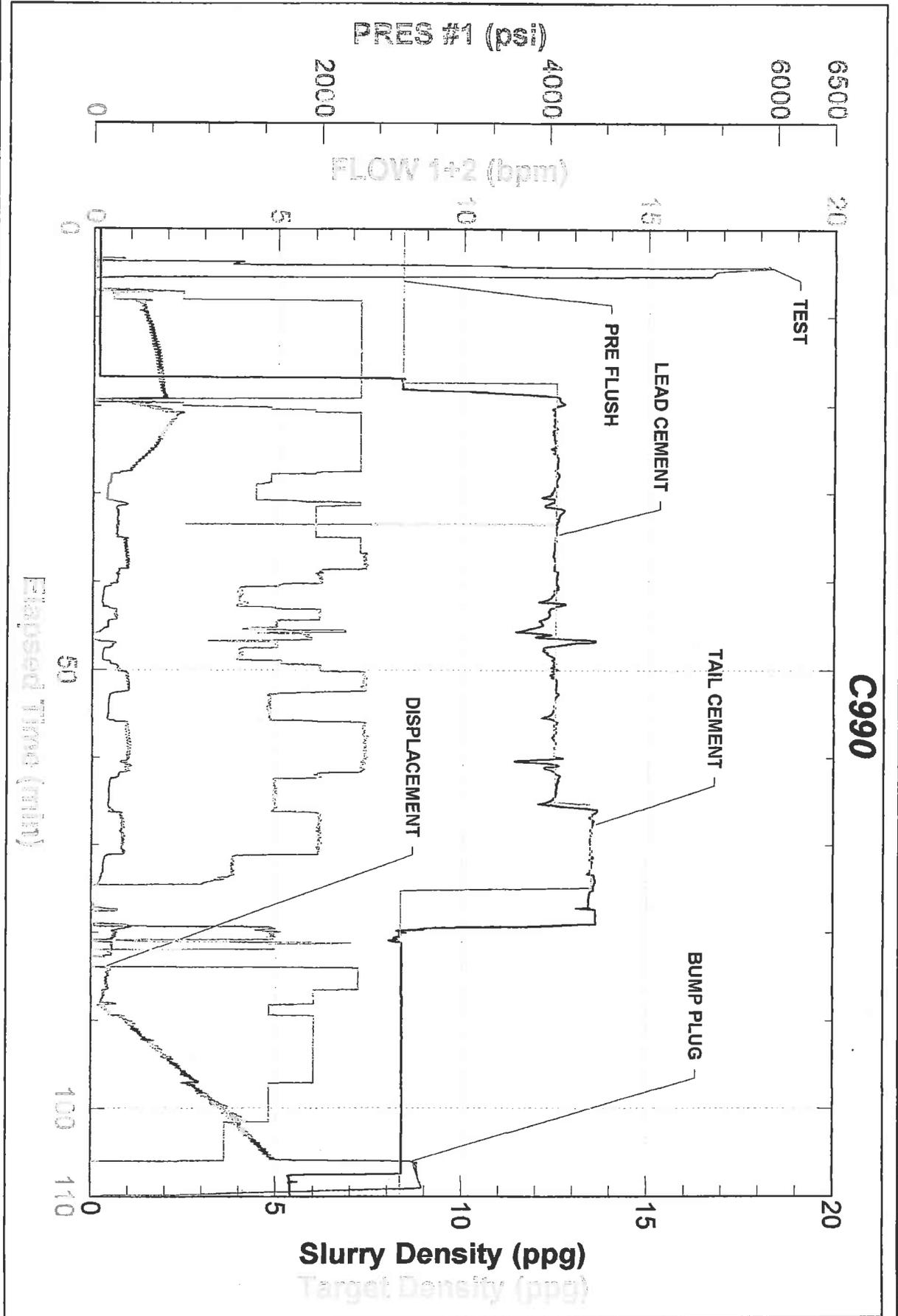
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) None		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, 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	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
20:45	0	0	0	0	N/A	TEST WATER	
21:15	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
21:48	5941	0	0	0	WATER	PRESSURE TEST PUMPS AND LINES	
21:52	450	0	7.2	20	WATER	FRESH WATER + CLAY CARE	
21:55	495	0	7.2	20	WATER	MUD CLEAN I SPACER	
21:58	593	0	7.2	20	WATER	SURFACTANT WASH	
22:01	603	0	7.2	20	WATER	FRESH WATER + CLAY CARE	
22:04	716	0	7.2	276	CMT	BATCH UP, WEIGH AND PUMP 831 SX OF PLC + 0.4% FL-52 + 3% BENTONITE + 0.25% R-3 @ 12.5 PPG	
22:44	207	0	6	45	CMT	BATCH UP, WEIGH AND PUMP 145 SX OF 50/50 POZ/CLASS G + 0.4% FL-52 + 3% BENTONITE + 0.1% SMS + 20% S-8 @13.5 PPG	
22:59	0	0	0	0	N/A	DROP PLUG AND WASH PUMPS AND LINES	
23:09	583	0	7.2	30	WATER	DISPLACEMENT FRESH WATER + CLAY CARE	
23:17	936	0	6	50	WATER	DROP RATE	
23:22	1080	0	4.8	20	WATER	DROP RATE	
23:26	1600	0	3.6	16	WATER	DROP RATE	
23:30	2863	0	3.6	116	WATER	BUMP PLUG @ 116 BBLs	
23:34	0	0	0	0	N/A	CHECK FLOATS	
23:35	0	0	0	0	N/A	PRE 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	2863	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	517	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50
Job Number: 1001853639
Customer: St James Energy
Well Name: Larson Farms 4-24



BJ Services

Job Start: Saturday, September 17, 2011

FIELD RECEIPT NO. 1001853639

BJ Services Company



CUSTOMER		ST JAMES ENERGY		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		11177 EAGLE VIEW DR, SUITE 1		SANDY		Utah		84092-4918			
DATE WORK COMPLETED	MO. 09	DAY 17	YEAR 2011	BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE :			
				RYAN R STEVENS		05123341480000		New Well			
BJ SERVICES DISTRICT				BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :			
						7,485		Gas			
WELL NAME AND NUMBER				LEGAL DESCRIPTION		TD WELL DEPTH (ft)		GAS USED ON JOB :			
LARSON FARMS #4-24				24-6N-64W		7,491		No Gas			
WELL LOCATION :				COUNTY/PARISH		STATE		JOB TYPE CODE :			
				Weld		Colorado		Long String			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	73	29,700	2,168.10	58%	910.60		
100120	Bentonite			lbs	2535	0,500	1,267.50	58%	532.35		
100121	Silica Flour			lbs	2436	0,530	1,291.08	58%	542.25		
100275	Sodium Metasilicate			lbs	13	3,900	50.70	58%	21.29		
100283	R-3			lbs	181	3,490	631.69	58%	265.31		
100317	Poz (Fly Ash)			sacks	73	13,200	963.60	58%	404.71		
398110	Mud Clean 1			gals	840	1,610	1,352.40	58%	568.01		
398224	Premium Lite Cement			sacks	831	24,050	19,985.55	58%	8,393.93		
488015	FL-52			lbs	339	25,600	8,678.40	58%	3,644.93		
488019	FP-6L			gals	8	99,250	794.00	58%	333.48		
488262	NE-940, 330 gal tote			gals	1	108,000	108.00	58%	45.36		
488430	InFlo 250W			gals	2	95,000	190.00	58%	79.80		
499702	ClayCare, tote			gals	8	140,000	1,120.00	58%	470.40		
499789	FAW-4			gals	2	122,000	244.00	58%	102.48		
				SUB-TOTAL FOR Product Material							
						38,845.02		58.00%		16,314.90	
ARRIVE LOCATION :			MO. 09	DAY 17	YEAR 2011	TIME 19:50	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.			Kent Moore			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT					
						CUSTOMER AUTHORIZED AGENT					
						BJ SERVICES APPROVED					

FIELD RECEIPT NO. 1001853639

Bj Services Company



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MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		11177 EAGLE VIEW DR, SUITE 1		SANDY		Utah		84092-4918			
DATE WORK COMPLETED		MO. DAY YEAR		BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE :			
09 17 2011		2011		RYAN R STEVENS		05123341480000		New Well			
BJ SERVICES DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :		GAS USED ON JOB :			
BJS, BRIGHTON		BJS, BRIGHTON		7.485		Gas		No Gas			
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
LARSON FARMS #4-24		24-6N-64W		Weld		Colorado		Long String			
WELL LOCATION :		24-6N-64W		Weld		Colorado					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
A152		Personnel Per Diem Chrg - Cement Svc		ea		1		161.500		161.50	
M100		Bulk Materials Service Charge		cu ft		1071		4.170		4,466.07	
F067A		Cement Pumping, 7001 - 8000 ft		Ghrs		1		7,925.000		7,925.00	
F090		Fuel per pump charge - cement		pump/hr		4		61.000		244.00	
J225		Data Acquisition, Cement, Standard		job		1		1,635.000		1,635.00	
J390		Mileage, Heavy Vehicle		miles		94		9.100		855.40	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		94		5.150		484.10	
J401		Bulk Delivery, Dry Products		ton-mi		2119		3.030		6,420.57	
		SUB-TOTAL FOR Freight/Delivery Charges								6,420.57	
		SUB-TOTAL FOR Equipment								11,143.50	
		FIELD ESTIMATE								61,036.66	
										57.85%	
										25,729.06	
ARRIVE LOCATION :		MO. DAY YEAR TIME		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT	
09 17 2011 19:50											
CUSTOMER REP.		Kent Moore		FIELD ESTIMATE							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				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 AUTHORIZED AGENT				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BJ SERVICES APPROVED							