

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

OUR INVOICE

**200125**

*Larsen Farms*

Date <i>8-22-11</i>		Well Owner <i>St. James Energy</i>		Well No. <i>7-24</i>		Lease <i>Larsen Farm</i>	
County <i>Weld</i>		State <i>Colorado</i>				Field	
Charge to <i>Cade Drilling, LLC</i>						Charge Code	
Address <i>3450 Wac 27, Unit #2 (Cade #22)</i>						For Office Use Only	
City, State <i>Ft. Lupton, CO, 80621</i>							
Pump Truck No. <i>1208</i>		Code		Bulk Truck No. <i>1216/1217</i>		Code	
Type of Job		Depth		Ft. <i>783</i>		To	
<i>Surface 8 5/8" - Csg - 24"</i>		Bottom of Surface		Ft. <i>772</i>		To	
Plug		Plug Landed @ <i>730</i>		Ft.		Time On <i>20:40</i>	
Production		Pipe Landed @ <i>772</i>		Ft.		Time Off <i>Plug Down: 01:30</i>	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	540	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele $\frac{1}{4}$ #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
<i>8 5/8"</i>	<i>Centralizers</i>	<i>3</i>			
<i>11</i>	<i>Cement Basket</i>	<i>1</i>			
<i>11</i>	<i>Guide shoe</i>	<i>1</i>			
<i>11</i>	<i>Baffle Plate</i>	<i>1</i>			
	<i>Box thread lock</i>	<i>1</i>			
	<i>Mixing Rate - 4 BPM / Displacement Rate - 4 BPM</i>				
	<i>Slurry Vol - 1.18 Cu Ft / SK - slurry wt 15.2 ppm / water Temp 75°F</i>				
	<i>Total slurry Vol - 113.4 BBLs Cement / Landed plus ① 200 PSF</i>				

Remarks: <i>Pre-Flush w/ 30 BBLs H2O</i>	Tax Reference Code	Sub Total
<i>Displace w/ 46.4 BBLs H2O</i>	State Co <i>2.9%</i>	Tax
<i>Circulate 3 BBLs Cement</i>	Disc.	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<i>1208</i>		Pump Truck		<i>30</i>			
<i>1216/1217</i>		Bulk Truck		<i>30/30</i>			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By *Justin, Dallas, Kenny, Demetrio*

Received By \_\_\_\_\_ Customer or His Agent

# CEMENT JOB REPORT



<b>CUSTOMER</b> ST JAMES ENERGY			<b>DATE</b> 27-AUG-11		<b>F.R. #</b> 1001846777		<b>SERV. SUPV.</b> BARLEN M JOYNER			
<b>LEASE &amp; WELL NAME</b> LARSON FARMS #7-24 - API 05123341490000			<b>LOCATION</b> 24-6N-64W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado				
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Cade 22			<b>TYPE OF JOB</b> 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 <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Float Shoe 4-1/2 - 8rd								
<b>MATERIALS FURNISHED BY BJ</b>									
50:50 Poz + additives		145	13.5	1.71	8.30	03:00	44.16	28.61	
ClayCare water		0	8.34	0	0	00:00	113.8		
ClayCare water		0	8.34	0	0	00:00	20		
Premium Lite Cement + additives		876	12.5	1.89	10.37	03:00	294.87	216.38	
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 700 Bbl. Available Displ. Fluid 450 Bbl.							<b>TOTAL</b>	532.83 244.99	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	0	7345	4.5	11.6	CSG	7338	N-80	7338	7322	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	0	4.5	8RD	WATER BASED MU	9

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	
113.8	BBLS	ClayCare water	8.34	1646	0	0	0	0	6224	3000	RIG TANK

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1.5      Circulation Rate: 7.9 BPM

Mud Density In: 9 LBS/GAL      Mud Density Out: 9 LBS/GAL      PV & YP Mud In: 30      PV & YP Mud Out: 30

Gas Present: NO ☒ YES ☐      Units:      Solids Present at End of Circulation: NO ☒ YES ☐

**Displacement And Mud Removal**

Displaced By: Rig ☐ BJ ☒      Amount Bled Back After Job: 1 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL      Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO      Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES      Quantity: 49      Type: ☒ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

**Plugs**

Number of Attempts by BJ: 0      Competition: 0      Wiper Balls Used: ☒ NO ☐ YES      Quantity:

Plug Catcher Used: ☒ NO ☐ YES      Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES      Top of Plug: 0 FT      Bottom of Plug: 0 FT

**Squeezes (Update Original Treatment Report for Primary Job)**

BLOCK SQUEEZE ☐      SHOE SQUEEZE ☐      TOP OF LINER SQUEEZE ☐      PLANNED ☐      UNPLANNED ☒

Liner Packer: ☒ NO ☐ YES      Bond Log: ☒ NO ☐ 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



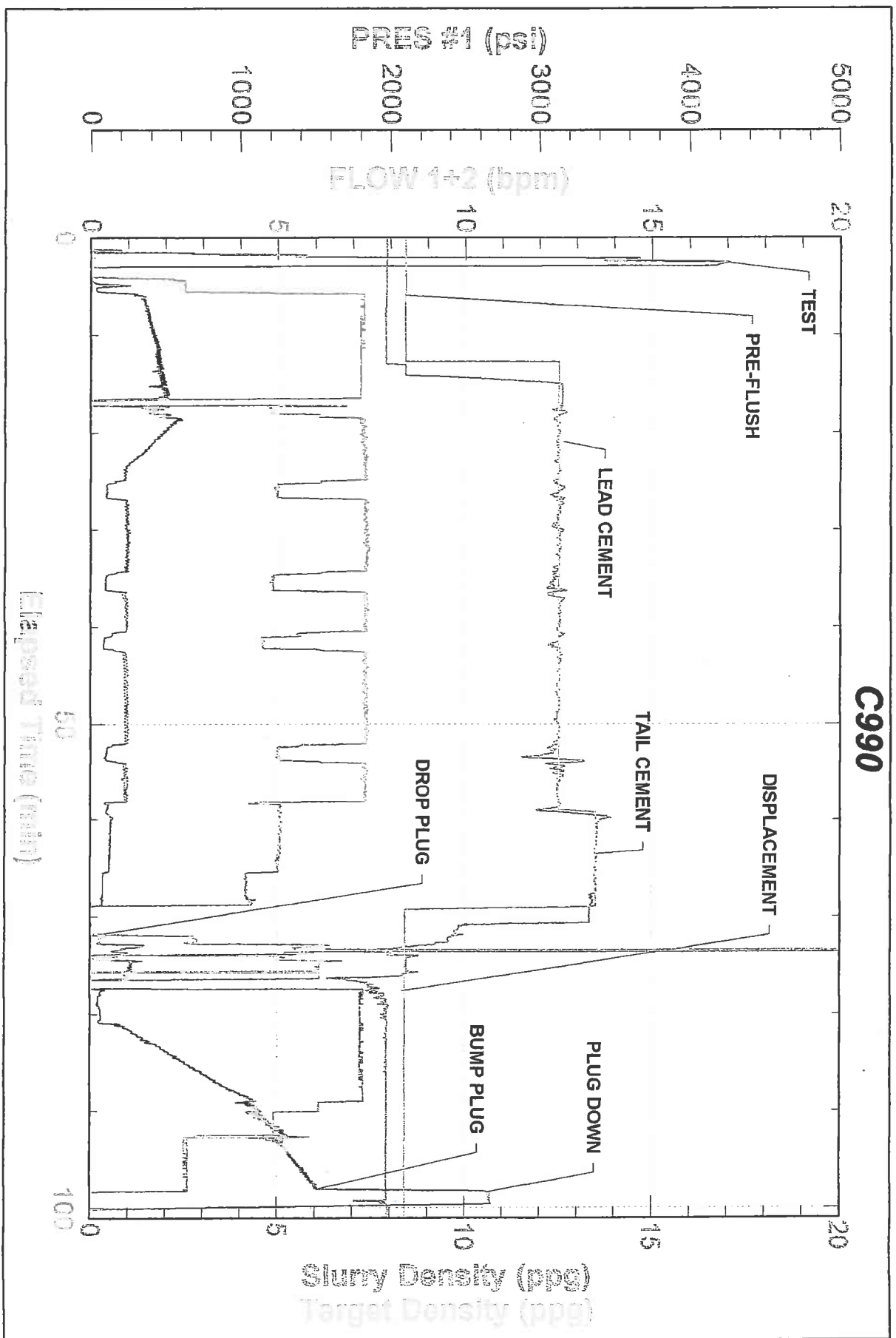
## Shoe Test (Update Original Treatment Report for Primary Job)

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	4276 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:51	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
07:31	0	0	0	0	N/A	SAFETY MEETING	
08:02	4276	0	0	0	WATER	PRESSURE TEST	
08:06	311	0	7.2	20	WATER	CLAY TREAT SPACER	
08:09	382	0	7.2	20	WATER	SURFACTANT WASH	
08:12	453	0	7.2	20	WATER	MUD CLEAN I	
08:15	419	0	7.2	20	WATER	CLAY TREAT SPACER	
08:18	560	0	7.2	290	CMT	BATCH UP, WEIGH AND PUMP 876 SX OF PLC + 0.25 lbs/sack Cello Flake + 0.4% FL-52 + 3% Bentonite @ 12.5 PPG	
09:02	129	0	5.1	46	CMT	BATCH UP, WEIGH AND PUMP 145 SX OF (50:50) Poz:G + 0.25 lbs/sack Cello Flake + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20% S-8 @ 13.5 PPG	
09:12	0	0	0	0	N/A	DROP PLUG	
09:19	43	0	7.2	30	WATER	START DISPLACEMENT	
09:23	279	0	7.2	50	WATER	CAUGHT CEMENT	
09:29	1088	0	6.1	10	WATER	DROP RATE	
09:31	1140	0	4.8	10	WATER	DROP RATE	
09:34	1276	0	2.4	14	WATER	DROP RATE	
09:39	1575	0	2.4	114	WATER	BUMP PLUG	
09:39	2663	0	0	0	N/A	PLUG DOWN @ 114 BBLs	
09:42	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1575	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 530	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 



**BJ Services JobMaster Program Version 3.50**  
Job Number: 100184677  
Customer: St. James  
Well Name: Larson Farms 7-24



FIELD RECEIPT NO. 1001846777

## B J 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.	DAY	YEAR	BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE :		
08 27 2011		BARLEN M JOYNER		05123341490000		New Well					
BJ SERVICES DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :		GAS USED ON JOB :			
LARSON FARMS #7-24		TD WELL DEPTH (ft)		7,345		No Gas					
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
LOCATION :		24-6N-64W		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	2653	0.500	1,326.50	58%	557.13		
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	191	3.490	666.59	58%	279.97		
100317	Poz (Fly Ash)			sacks	73	13.200	963.60	58%	404.71		
398110	Mud Clean I			gals	840	1.610	1,352.40	58%	568.01		
398224	Premium Lite Cement			sacks	876	24.050	21,067.80	58%	8,848.48		
488015	FL-52			lbs	354	25.600	9,062.40	58%	3,806.21		
488019	FP-6L			gals	9	93.500	841.50	58%	353.43		
488262	NE-940, 330 gal tote			gals	2	108.000	216.00	58%	90.72		
488430	InFlo 250W			gals	2	95.000	190.00	58%	79.80		
499632	Granulated Sugar			lbs	50	3.290	164.50	58%	69.09		
499702	ClayCare, tote			gals	8	140.000	1,120.00	58%	470.40		
499789	FAW-4			gals	1	122.000	122.00	58%	51.24		
SUB-TOTAL FOR Product Material							40,603.17	58.00%	17,053.33		
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.					
08 27 2011		04:02									
CUSTOMER REP.		Kent Moore		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		CUSTOMER AUTHORIZED AGENT		X		BJ SERVICES APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT		X							



FIELD RECEIPT NO. 1001846777

## Bj Services Company



<b>CUSTOMER</b>		ST JAMES ENERGY		<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b>		<b>INVOICE NUMBER</b>	
<b>MAIL</b>		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
<b>INVOICE TO :</b>		11177 EAGLE VIEW DR, SUITE 1		Sandy		Utah		84092-4918			
<b>DATE WORK COMPLETED</b>		MO.	DAY	YEAR	<b>BU SERVICES REPRESENTATIVE</b>		<b>WELL API NO.:</b>		<b>WELL TYPE :</b>		
08   27   2011		BARLEN M JOYNER		05123341490000		New Well					
<b>BU SERVICES DISTRICT</b>		BJS, BRIGHTON		<b>JOB DEPTH (ft)</b>		7,338		<b>WELL CLASS :</b>			
LARSON FARMS #7-24		TD WELL DEPTH (ft)		7,345		GAS USED ON JOB :		No Gas			
<b>WELL NAME AND NUMBER</b>		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		<b>JOB TYPE CODE :</b>			
LOCATION :		24-6N-64W		Weld		Colorado		Long String			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>			<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Service Charge			cu ft	1120	4.170	4,670.40	58%	1,961.57		
SUB-TOTAL FOR Service Charges							4,831.90	56.06%	2,123.07		
F017A	Cement Pumping, 7001 - 8000 ft			6hrs	1	7,925.000	7,925.00	58%	3,328.50		
F090	Fuel per pump charge - cement			pump/hr	4	61.000	244.00	0%	244.00		
J225	Data Acquisition, Cement, Standard			job	1	1,635.000	1,635.00	59%	686.70		
J390	Mileage, Heavy Vehicle			miles	96	9.100	873.60	58%	368.91		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	96	5.150	494.40	58%	207.65		
SUB-TOTAL FOR Equipment							11,172.00	56.73%	4,833.76		
J401	Bulk Delivery, Dry Products			ton-mi	2262	3.030	6,853.86	58%	2,878.62		
SUB-TOTAL FOR Freight/Delivery Charges							6,853.86	58.00%	2,878.62		
FIELD ESTIMATE							63,460.93	57.63%	26,888.78		
<b>ARRIVE LOCATION :</b>		MO.	DAY	YEAR	<b>TIME</b>		<b>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.</b>				
08   27   2011		04:02									
<b>CUSTOMER REP.</b>		Kent Moore		<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>		<b>CUSTOMER AUTHORIZED AGENT</b>		<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>			
								<b>CUSTOMER AUTHORIZED AGENT</b>			
								<b>BU SERVICES APPROVED</b>			