



**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>8-22-91</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		For Office Use Only
Address <i>3450 Wac 27, Unit #2 (Cade #22)</i>			
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 ✓	<i>540</i>	<i>SKS</i>		
	Poz. Mix				
	Calcium Chloride	<i>3%</i>			
	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 PSE</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



CUSTOMER ST JAMES ENERGY		DATE 27-AUG-11	F.R. # 1001846777	SERV. SUPV. BARLEN M JOYNER								
LEASE & WELL NAME LARSON FARMS #7-24 - API 05123341490000		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 <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
		Float Shoe 4-1/2 - 8rd										
MATERIALS FURNISHED BY BJ												
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.		TOTAL				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 <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				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 <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: 49				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

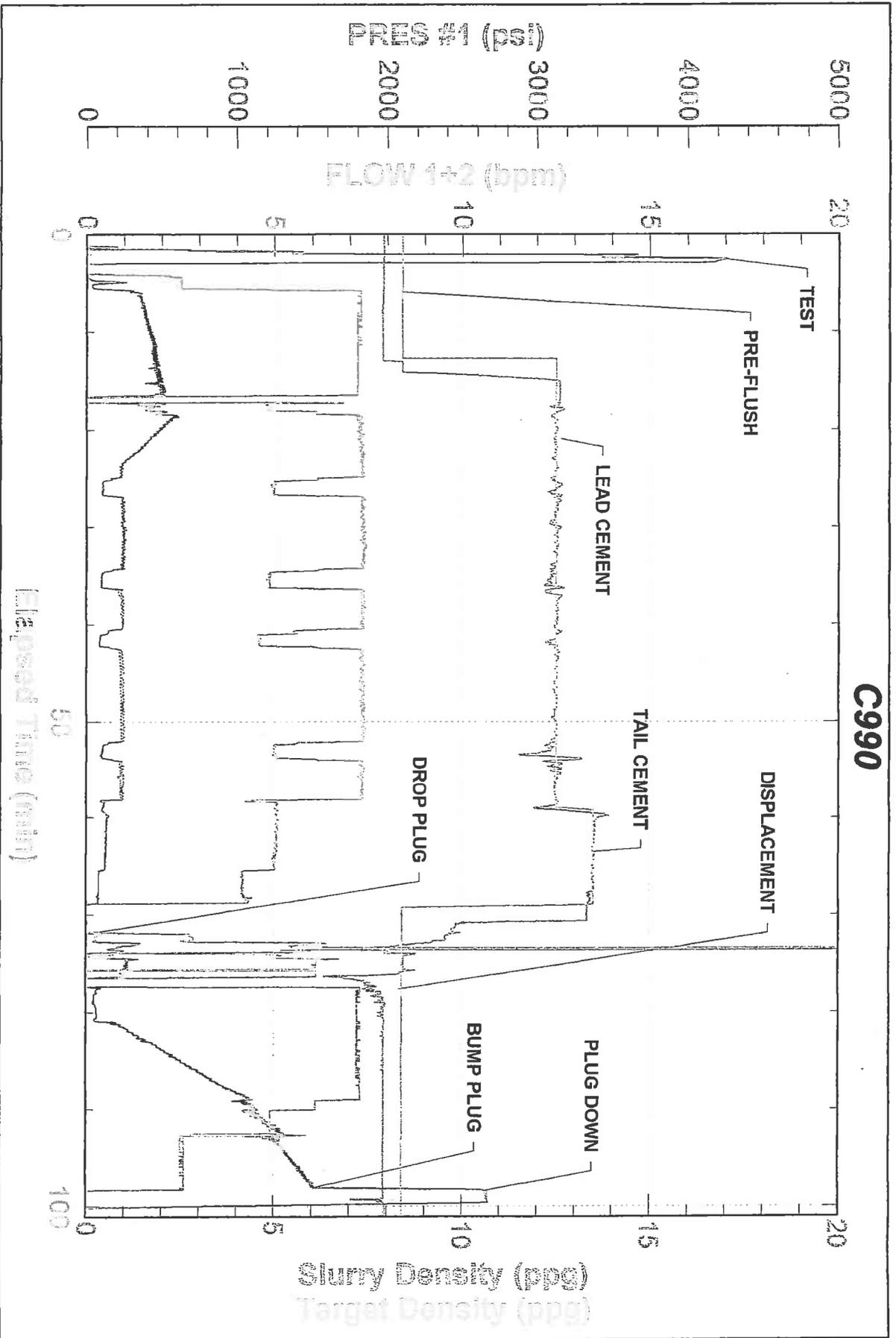
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
NONE

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 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	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	1575	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	530	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



**BJ Services JobMaster Program Version 3.50**  
Job Number: 1001846777  
Customer: St. James  
Well Name: Larson Farms 7-24



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>BJ SERVICES REPRESENTATIVE</b>		<b>WELL API NO.:</b>		<b>WELL TYPE :</b>			
08 27 2011		BARLEN M JOYNER		05123341490000		New Well					
<b>BJ SERVICES DISTRICT</b>		BJ SERVICES DISTRICT		<b>JOB DEPTH (ft)</b>		<b>WELL CLASS :</b>		<b>GAS USED ON JOB :</b>			
BJ, BRIGHTON		7,338		Gas		No Gas					
<b>WELL NAME AND NUMBER</b>		LARSON FARMS #7-24		<b>TD WELL DEPTH (ft)</b>		<b>JOB TYPE CODE :</b>					
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE					
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>				
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 Life 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				
		<b>SUB-TOTAL FOR Product Material</b>									
						40,603.17		58.00%		17,053.33	
<b>ARRIVE LOCATION :</b>		MO. DAY YEAR		TIME							
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>BJ SERVICES APPROVED</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.

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

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>BJ SERVICES REPRESENTATIVE</b>		<b>WELL API NO.:</b>		<b>WELL TYPE :</b>		
08   27   2011		BARLEN M JOYNER		05123341490000		New Well					
<b>BJ SERVICES DISTRICT</b>		BJ SERVICES DISTRICT		<b>JOB DEPTH (ft)</b>		<b>WELL CLASS :</b>		<b>GAS USED ON JOB :</b>			
BJ SERVICES DISTRICT		7,338		Gas		No Gas					
<b>WELL NAME AND NUMBER</b>		LARSON FARMS #7-24		<b>TD WELL DEPTH (ft)</b>		<b>JOB TYPE CODE :</b>					
WELL LOCATION :		LEGAL DESCRIPTION		COUNTRY/PARISH		STATE					
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				
			<b>SUB-TOTAL FOR Service Charges</b>		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				
			<b>SUB-TOTAL FOR Equipment</b>		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				
			<b>SUB-TOTAL FOR Freight/Delivery Charges</b>		6,853.86	58.00%	2,878.62				
			<b>FIELD ESTIMATE</b>		63,460.93	57.63%	26,888.78				
<b>ARRIVE LOCATION :</b>		MO.	DAY	YEAR	<b>TIME</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>									
<p><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></p> <p><b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b></p> <p><input checked="" type="checkbox"/> <b>CUSTOMER AUTHORIZED AGENT</b></p> <p><input checked="" type="checkbox"/> <b>BJ SERVICES APPROVED</b></p>											