

CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

200454

Larson Fairmeadows

Date 4/13/12	Well Owner St James	Well No. 5-30	Lease Larson Fairmeadows
County Weld	State Colorado		Field
Charge to Cade Drilling LLC			Charge Code
Address 3450 WER - 27 #2 (Cade 25)			For Office Use Only
City, State Ft Lupton Colorado 80621			
Pump Truck No. 1201	Code	Bulk Truck No. 1216/1218	Code
Type of Job	Depth	Ft. 783	To
Surface 85/8 186 24#	Bottom of Surface	Ft. 774	To
Plug	Plug Landed @ 732	Ft.	Time On 1200
Production	Pipe Landed @ 774	Ft.	Time Off plug down 1515

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	550			
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele 1/2 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
	95% Fresh Slurry	1			
	Cement - 100 lb	1			
	Cement - 50 lb	3		70	
	Water - 100 lb	1			
	Red Trench Lock	1			

Mixing rate 4 BPM / Displace Rate 5 BPM					
Slurry Vol 1.18 cu ft + 3/4 sk - Slurry wt 14.8 - 15 PPB					
Total Slurry Vol 115.5 BRLS cement / Plug landed @ 250 PSI					
Remarks: Pre-Flush w/ 20 BRLS H ₂ O	Tax Reference Code	Sub Total			
Displace w/ 46.5 BRLS H ₂ O	State 2900 %	Tax			
Circulate 4 BRLS Cement	Disc.	Total			

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Miles
1201		Pump Truck		36			
1216/1218		Bulk Truck		36/36			

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 Jim/Adam/Sage/Will

Received By

Customer or His Agent

CEMENT JOB REPORT



CUSTOMER ST JAMES ENERGY		DATE 16-APR-12	F.R. # 1001902268	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME LARSEN FAIRMEADOWS #5-30 - APi 05123297080i		LOCATION 30-6N-83W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 25		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS MD TVD HANGER TYPES MD TVD	
Latch Down Plug & Assembly, 4-1/2		Float Collar, Auto Fill, 4-1/2 - 8rd			
		Float Shoe 4-1/2 - 8rd			
		Centralizer, with Pins, 4-1/2 in			
		Cement Basket, Slip On, 4-1/2 in			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
				SLURRY YLD FT ₃	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
50:50+.4%FL52+3%Gel+.1%SMS+20%SF		C04-075-12		155	13.5
ClayCare water		0		0	8.34
ClayCare water		0		0	8.34
PL+.15%R3+.4%FL52+3%Gel		C04-075-12		760	12.5
Mud Clean I		0		0	8.3
ClayCare water		0		0	8.3
Surfactant Wash		0		0	8.34
Available Mix Water 500 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 490.32 218.42	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
7.875	10	6938	4 4.5	11.6	CSG
				MD	TVD
				GRADE	SHOE
				6916	6916
				N-80	6916
				6902	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	774	774
		BRAND & TYPE		DEPTH	TOP
		No packer		0	0
				BTM	0
				SIZE	THREAD
				4.5	8RD
				TYPE	WGT.
				WATER BASED	9.3
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	CAL. MAX PSI
107	BBLS	ClayCare water	8.34	1522	0
				TO REV.	SQ. PSI
				0	0
				RATED	Operator
				0	0
				RATED	Operator
				6224	3000
				MIX WATER	
				Rig tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 3		
Mud Density In: 9.3 LBS/GAL			Mud Density Out: 9.3 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units:		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
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: Visually		
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: 17		
			Type: <input 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	

CEMENT JOB REPORT



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

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)

When rig was landing casing they split surface casing.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

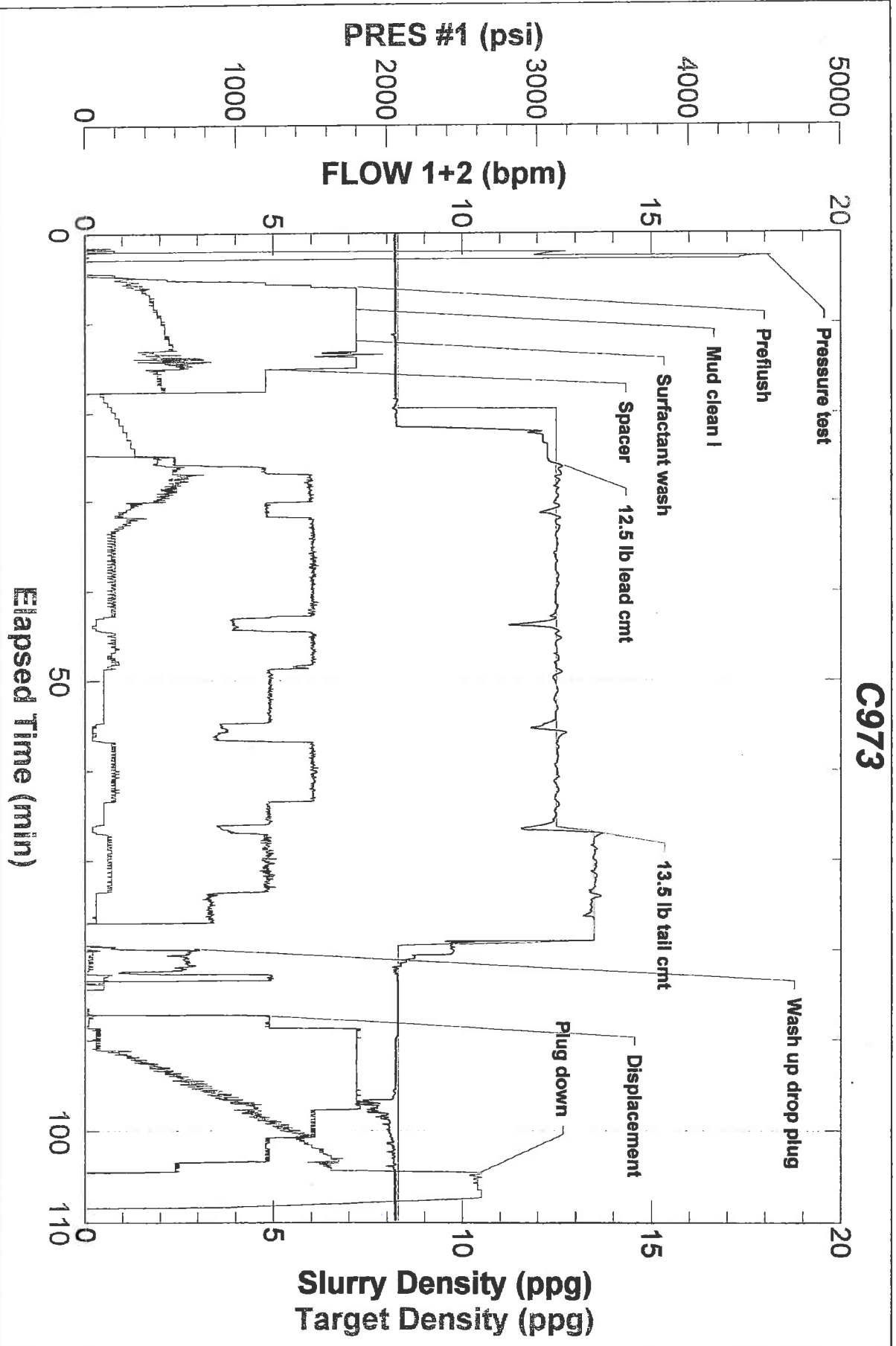
N/A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	4541 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:00	0	0	0	0	N/A	Yard call	
08:50	0	0	0	0	N/A	Leave yard	
09:50	0	0	0	0	N/A	Arrive on location 45 miles Rig circulating	
13:45	0	0	0	0	N/A	Spot trucks	
13:50	0	0	0	0	N/A	Pre job safety meeting	
14:30	0	0	0	0	N/A	Pre job safety meeting	
14:57	4541	0	0	0	H2O	Pressure test pumps and lines	
15:00	382	0	7.2	20	CLAYCARI	Preflush	
15:04	484	0	7.2	20	MUDCLEA	Mud clean I	
15:07	535	0	7.2	20	MUDCLEA	Surfactant wash	
15:10	433	0	7.2	20	CLAYCARI	Spacer	
15:20	714	0	6	235	CMT	Batch up and pump 730 sks of PLC + 0.25% R-3 + 0.4% FL-52 + 3% Bentonite 12.5 ppg 1.89 yield 10.37 gps	
16:02	179	0	4.8	43	CMT	Batch up and pump 155 sks of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% 13.5 ppg 1.71 yield 8.30 gps	
16:15	0	0	0	0	H2O	Wash up drop plug	
16:23	1122	0	7.2	70	CLAYCARI	Displacement	
16:33	1479	0	6	20	CLAYCARI	Rate change	
16:37	1607	0	4.8	10	CLAYCARI	Rate change	
16:39	1632	0	2.4	7	CLAYCARI	Rate change	
16:41	1862	0	2.4	107	CLAYCARI	Bump plug	
16:41	2627	0	0	0	N/A	Plug down @ 107 bbl's	
16:43	0	0	0	0	N/A	Check floats	
16:44	0	0	0	0	N/A	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	2627	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	465	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50
Job Number: 1001902268
Customer: St. James
Well Name: Larsen Fairmeadows #5-30



FIELD RECEIPT NO. 1001902268



CUSTOMER		ST JAMES ENERGY		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20045867 - 20045867		INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER 11177 EAGLE VIEW DR, SUITE 1		CITY SANDY		STATE Utah		ZIP CODE 84092-4918			
DATE WORK COMPLETED 04 16 2012		MO. DAY YEAR		BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO. 05123297080000		WELL TYPE New Well			
DISTRICT BUS, BRIGHTON						WELL DEPTH (ft) 6,902		WELL CLASS Gas			
WELL NAME AND NUMBER LARSEN FAIRMEADOWS #5-30						TD WELL DEPTH (ft) 6,938		GAS USED ON JOB No Gas			
LOCATION :		LEGAL DESCRIPTION 30-6N-63W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
100021	Class G Cement	sacks	78	29.700	2,316.60	60%	926.64				
100120	Bentonite	lbs	2375	0.500	1,187.50	60%	475.00				
100121	Silica Flour	lbs	2604	0.530	1,380.12	60%	552.05				
100275	Sodium Metasilicate	sacks	13	3.900	50.70	60%	20.28				
100283	R-3	sacks	100	3.490	349.00	60%	139.60				
398110	Poz (Fly Ash)	lbs	78	13.200	1,029.60	60%	411.84				
398224	Mud Clean I	sacks	840	1.610	1,352.40	60%	540.96				
488015	Premium Lite Cement	sacks	760	24.050	18,278.00	60%	7,311.20				
488019	FL-52	gals	317	25.600	8,115.20	60%	3,246.08				
488555	FP-6L	gals	2	99.250	794.00	60%	317.60				
499702	GasFlo G2, tote	gals	8	118.000	236.00	60%	94.40				
499789	ClayCare, Clay Treat-2C, 260 gl tote	gals	2	140.000	1,120.00	60%	448.00				
L488616-260	FAW-4	gals	1	122.000	244.00	60%	97.60				
	NE-945W, 265 gl tote	gals	1	145.000	36,598.12	60%	14,839.25				
SUB-TOTAL FOR Product Material											

ARRIVE
LOCATION : MO. DAY YEAR TIME
 04 16 2012 09:55
CUSTOMER REP. Kent Moore

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE 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.

CUSTOMER AUTHORIZED AGENT

BHI APPROVED

FIELD RECEIPT NO. 1001902268



CUSTOMER		ST JAMES ENERGY		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20045867 - 20045867		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER 11177 EAGLE VIEW DR, SUITE 1				CITY SANDY		STATE Utah		ZIP CODE 84092-4918	
INVOICE TO											
DATE WORK COMPLETED		MO. 04		DAY 16		YEAR 2012		BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123297080000	
DISTRICT BUS, BRIGHTON								JOB DEPTH(ft) 6,902		WELL CLASS : Gas	
WELL NAME AND NUMBER LARSEN FAIRMEADOWS #5-30								TD WELL DEPTH(ft) 6,938		GAS USED ON JOB : No Gas	
WELL LOCATION :		LEGAL DESCRIPTION 30-6N-63W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
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 Blending Charge		cu ft		1008		4.170		4,203.36	
		SUB-TOTAL FOR Service Charges								4,364.86	
F067A		Cement Pumping, 7001 - 8000 ft		6hrs		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		90		9.100		819.00	
J391		Mileage, Auto, Pick-Up or Trealing Van		miles		90		5.150		463.50	
		SUB-TOTAL FOR Equipment								11,086.50	
J401		Bulk Delivery, Dry Products		ton-mi		1906		3.030		5,775.18	
		SUB-TOTAL FOR Freight/Delivery Charges								5,775.18	
		FIELD ESTIMATE								57,824.66	
										59.58%	
										23,373.16	
ARRIVE LOCATION :		MO. 04		DAY 16		YEAR 2012		TIME 09:55		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	
										BHI APPROVED	
										X	