

CEMENTER'S WELL SERVICE, INC.

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

OUR INVOICE

201057

Date <u>11/18/12</u>	Well Owner <u>Great Western</u>	Well No. <u>FD-25-2D</u>	Lease <u>DeHorer</u>
County <u>Webb</u>	State <u>Colorado</u>	Field	
Charge to <u>CADE Drilling, LLC</u>			Charge Code
Address <u>3450 WCR 27 #2 (CADE #25)</u>			For Office Use Only
City, State <u>FT. Lupton, Colorado 80621</u>			
Pump Truck No. <u>1208</u>	Code	Bulk Truck No. <u>1218</u>	Code
Type of Job	Depth	Ft. <u>655</u>	To
Surface <u>8 5/8" CSG-24"</u>	Bottom of Surface	Ft. <u>645</u>	To
Plug	Plug Landed @ <u>603</u>	Ft.	Time On <u>1230</u>
Production	Pipe Landed @ <u>645</u>	Ft.	Time Off <u>Plug Down @ 1430</u>

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	480	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele <u>4</u> #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
<u>8 5/8"</u>	Centralizers	3			
"	Cement Basket	1			
"	Guide Shoe	1			
"	Baffle Plate	1			
	Box thread lock	1			
	Mix Rate 4 BPM	Slurry Vol. 1.18 FT ³ /SK	Water Temp - 70°F		
	Disp Rate 5 BPM	Slurry WT 15.2 PPG			
	Plug landed @ 300 PSI	Total Slurry Vol - 100.8 BBL Cement			
Remarks: <u>Pre-Flush w/ 20 BBL H₂O</u>	Tax Reference Code	Sub Total			
<u>Displace w/ 38.3 BBL H₂O</u>	State <u>CO 2.9</u> %	Tax			
<u>Circulate 4 BBL Cement</u>	Disc.	Total			

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1208</u>		Pump Truck		<u>28</u>			
<u>1218</u>		Bulk Truck		<u>28</u>			

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, Steve & Nathan

Received By

Customer or His Agent

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	4700 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
11:42	0	0	0	0	0	ARRIVE ON LOCATION (39 MILES)	
12:20	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
13:20	0	0	0	0	0	PRE JOB MEETING	
13:43	4700	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
13:47	410	0	7.2	20	H2O	CLAY CARE WATER	
13:51	417	0	7.2	20	H2O	MUD CLEAN II	
13:53	471	0	7.2	20	H2O	CLAY CARE WATER	
14:00	145	0	5.5	163	LEAD	BATCH UP AND PUMP 285 SKS PLC+4%BENTONITE+.6%SMS+8#/SACK CSE-2@ 11#	
14:32	161	0	4.6	73	TAIL	MIX AND PUMP 310 SKS POZ/G+.3%CD-32+.4%FL- 52+.1%SMS+20%S-8@14.6#	
15:15	0	0	0	0	H2O	DROP PLUG	
15:16	58	0	7.2	60	H2O	START DISPLACEMENT W/CLAYCARE	
15:26	703	0	6	20	H2O	SLOW RATE	
15:29	1130	0	4.8	20	H2O	SLOW RATE	
15:33	1428	0	3.5	13	H2O	SLOW RATE	
15:37	2620	0	0	0	H2O	BUMP PLUG @ 113 BBLS PUMPED	
15:45	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	

BUMPED
PLUG

☒ Y ☐ N

PSI TO
BUMP
PLUG

2620

TEST
FLOAT
EQUIP.

☒ Y ☐ N

BBL.CMT
RETURNS/
REVERSED

0

TOTAL
BBL.
PUMPED

409

PSI
LEFT ON
CSG

0

SPOT
TOP OUT
CEMENT

☒ Y ☐ N

Service Supervisor Signature:

[Signature]

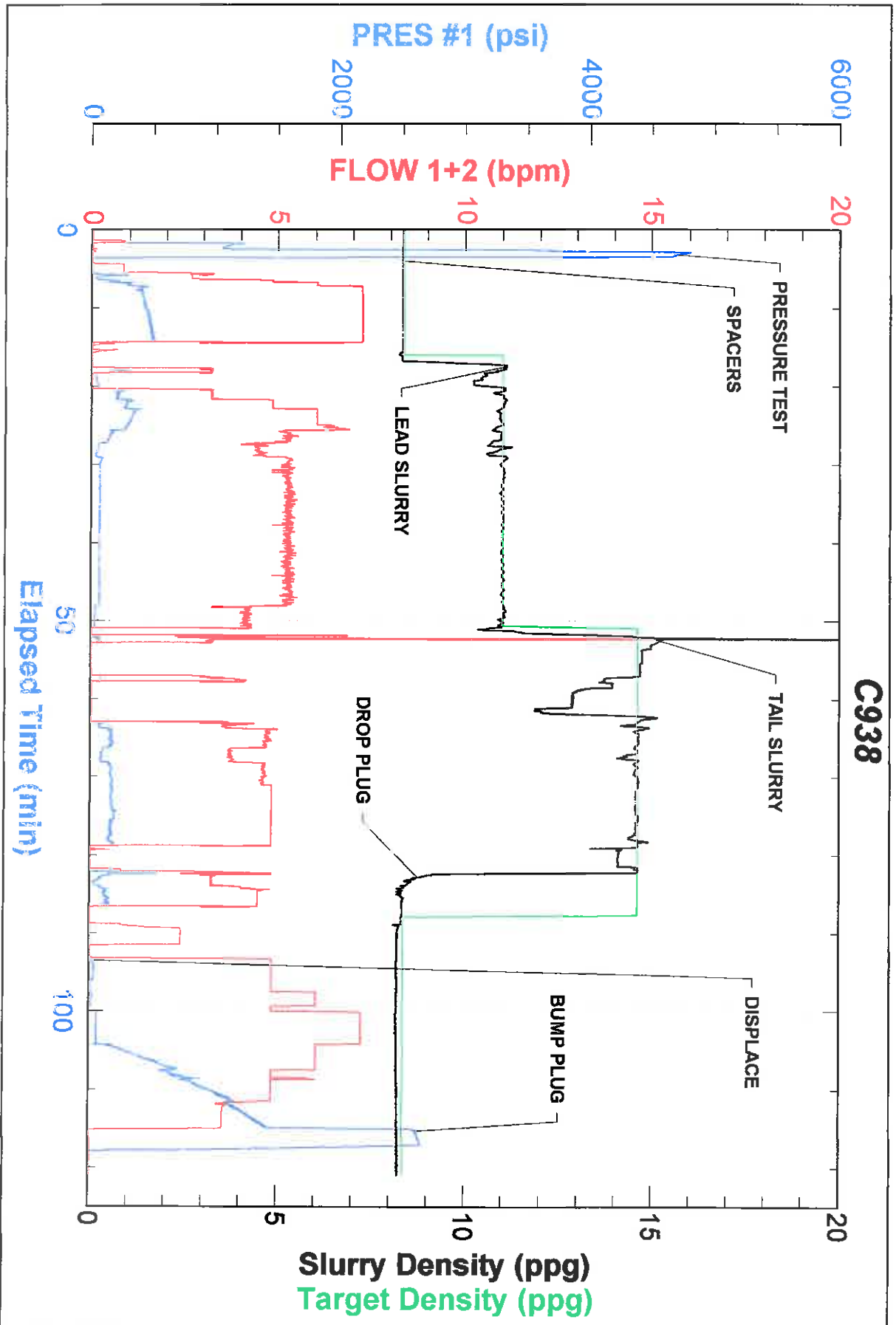


BJ Services JobMaster Program Version 3.50

Job Number: 1001949249

Customer: GREAT WESTERN

Well Name: DETTERER FD #25-2D



CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS			DATE 21-NOV-12		F.R. # 1001949249		SERV. SUPV. JOHN R WUDARCZYK					
LEASE & WELL NAME DETTERRER FD #25-2D - API 05123355560000				LOCATION 25-6N-67W			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			
Cement Plug, Rubber, Top 4-1/2 in		Float Shoe 4-1/2 - 8rd										
		Centralizer, with Pins, 4-1/2 in										
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES				
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³		
Treated Water								0	8.34	0		
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF								310	14.6	1.38		
Treated Water								0	8.34	0		
Mud Clean II								0	8.5	0		
Treated Water								0	8.34	0		
PLC+4%Gel+.6%SMS+8#/skCSE2								285	11	3.22		
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL		412 177.99		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	20	7311	4	4.5	11.6	CSG	7282	7282	N-80	7282	7268	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
8.1	8.63	24	CSG	601	600	NO PACKER	0	0	0	4.5	8RND	WATER BASED
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	BBLS	Treated Water	8.34	1158	0	0	0	0	6224	3000	RIG	
Circulation Prior to Job												
Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 7 BPM			
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 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: 30		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												



FIELD RECEIPT NO. 1001949249

CUSTOMER				GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE							
INVOICE TO :				503 MAIN ST				Windsor				Colorado				80550							
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :		JOB TYPE CODE :								
11/21/2012		11	21	2012	JOHN R WUDARCZYK		0512335560000		New Well		Gas		No Gas		Long String								
DISTRICT				BJS, BRIGHTON				JOB DEPTH (ft)				7,282				WELL CLASS :							
WELL NAME AND NUMBER				DETERRED FD #25-2D				TD WELL DEPTH (ft)				7,311				GAS USED ON JOB :							
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
25-6N-67W				Weld				Colorado															
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT									
A152		Personnel Per Diem Chrg - Cement Svc		ea		1		161.500		161.50		0%		161.50									
M100		Bulk Materials Blending Charge		cu ft		766		4.170		3,194.22		55%		1,437.40									
		SUB-TOTAL FOR Service Charges								3,355.72		52.35%		1,598.90									
F067A		Cement Pumping, 7001 - 8000 ft		6hrs		1		7,925.000		7,925.00		55%		3,566.25									
F090		Fuel per pump charge - cement		pump/hr		4		61.000		244.00		0%		244.00									
J050		Cement Head		job		1		635.000		635.00		55%		285.75									
J225		Data Acquisition, Cement, Standard		job		1		1,635.000		1,635.00		55%		735.75									
J390		Mileage, Heavy Vehicle		miles		78		9.100		709.80		55%		319.41									
J391		Mileage, Auto, Pick-Up or Treating Van		miles		78		5.150		401.70		55%		180.77									
		SUB-TOTAL FOR Equipment								11,550.50		53.84%		5,331.93									
J401		Bulk Delivery, Dry Products		ton-mi		1166		3.030		3,532.98		55%		1,589.84									
		SUB-TOTAL FOR Freight/Delivery Charges								3,532.98		55.00%		1,589.84									
		FIELD ESTIMATE								46,208.49		54.52%		21,016.86									
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.														
11/21/2012				11	21	2012	11:45		CUSTOMER REP. SHAWN ARMSTRONG														
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT																			
				BHI APPROVED																			



FIELD RECEIPT NO. 1001949249

CUSTOMER				GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE							
				503 MAIN ST				Windsor				Colorado				80550							
DATE WORK COMPLETED		MO.		DAY		YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :							
11		21		2012		JOHN R WUDARCZYK		05123355560000		New Well		Gas		No Gas									
DISTRICT				WELL NAME AND NUMBER				WELL DEPTH (ft)				TD WELL DEPTH (ft)				JOB TYPE CODE :							
BJS, BRIGHTON				DETERER FD #25-2D				7,282				7,311				Long String							
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
				25-6N-67W				Weld				Colorado											
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT									
100021		Class G Cement		sacks		155		29.700		4,803.50		55%		2,071.58									
100120		Bentonite		lbs		992		0.500		496.00		55%		223.20									
100121		Silica Flour		lbs		5208		0.530		2,760.24		55%		1,242.11									
100275		Sodium Metasilicate		lbs		175		3.900		682.50		55%		307.13									
100317		Poz (Fly Ash)		sacks		155		13.200		2,046.00		55%		920.70									
398108		Mud Clean II		gals		840		1.610		1,352.40		55%		608.58									
398224		Premium Lite Cement		sacks		285		24.050		6,854.25		55%		3,084.41									
488013		CD-32		lbs		79		12.650		999.35		55%		449.71									
488015		FL-52		lbs		105		25.600		2,688.00		55%		1,209.60									
488019		FP-6L		gals		5		99.250		496.25		55%		223.31									
488353		CSE-2		lbs		2280		1.610		3,670.80		55%		1,651.86									
499702		ClayCare, Clay Treat-2C, 280 gl tote		gals		8		140.000		27,769.29		55%		12,496.19									
		SUB-TOTAL FOR Product Material																					

ARRIVE LOCATION :				MO.				DAY				YEAR				TIME			
11				21				2012				11:45							
CUSTOMER REP.				SHAWN ARMSTRONG				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.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				X				CUSTOMER AUTHORIZED AGENT							
X				BHI APPROVED				X				X							