

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

OUR INVOICE

**201158**

Date <u>1/29/13</u>	Well Owner <u>Great Western</u>	Well No. <u>17-41D</u>	Lease <u>Campbell JF</u>
County <u>Weld</u>	State <u>Colorado</u>	Field	
Charge to <u>CADE Drilling, LLC</u>	Charge Code		For Office Use Only
Address <u>3450 WCR 27 #2 (CADE #25)</u>			
City, State <u>FT. Lupton, Colorado 80021</u>			
Pump Truck No. <u>1208</u>	Code	Bulk Truck No. <u>1216/1218</u>	Code
Type of Job	Depth	Ft. <u>953</u>	To
<u>Surface</u> <u>8 5/8" C50-24 #</u>	Bottom of Surface	Ft. <u>943</u>	To
Plug	Plug Landed @ <u>901</u>	Ft.	Time On <u>1250</u>
Production	Pipe Landed @ <u>943</u>	Ft.	Time Off <u>Plug Down @ 1515</u>

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	1650	SKS		
	Poz. Mix				
	Calcium Chloride				
	Gel      %      Flo-Cele $\frac{1}{4}$ #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
8 5/8"	Centralizers	3			
	Cement Basket	1			
	Guide Slice	1			
	Baffle Plate	1			
	Box-thread lock	1			
	Mix Rate 4 BPM	Slurry Vol.	1.18 FT <sup>3</sup> /SK	Water Temp	50 °F
	Disp Rate 5 BPM	Slurry WT	15.2 PPG		
	Plug landed @ 450 PSI	Total Slurry Vol.	136.6 BBL Cement		
Remarks: Pre-Flush w/ 30 BBL H <sub>2</sub> O	Tax Reference Code	Sub Total			
Displace w/ 57.3 BBL H <sub>2</sub> O	State CO 2.9 %	Tax			
Circulate 4 BBL Cement	Disc.	Total			

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1208</u>		Pump Truck		<u>44</u>			
<u>1216/1218</u>		Bulk Truck		<u>44/44</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, Alan, Steve, Michael

Received By \_\_\_\_\_

Customer or His Agent



FIELD RECEIPT NO. 1001963118

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO : 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 02	DAY 01	YEAR 2013	BHI REPRESENTATIVE CHRISTOPHER M MCKEON		WELL API NO: 05123363240000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,594		WELL CLASS : Gas				
WELL NAME AND NUMBER CAMPBELL JF #17-41D					TD WELL DEPTH (ft) 7,635		GAS USED ON JOB : No Gas				
WELL LOCATION : 17-2N-6SW		LEGAL DESCRIPTION Weld			COUNTY/PARISH Colorado		JOB TYPE CODE : Long String				
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	148					
100112	Calcium Chloride				lbs	250					
100120	Bentonite				lbs	957					
100121	Silica Flour				lbs	4956					
100275	Sodium Metasilicate				lbs	169					
100317	Poz (Fly Ash)				sacks	148					
100404	Sodium Chloride				lbs	150					
398108	Mud Clean II				gals	840					
398224	Premium Lite Cement				sacks	275					
488013	CD-32				lbs	75					
488015	FL-52				lbs	100					
488019	FP-6L				gals	6					
488353	CSE-2				lbs	2200					
499702	ClayCare, Clay Treat-2C, 260 gal tote				gals	8					
SUB-TOTAL FOR Product Material											

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

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

ARRIVE NO. DAY YEAR TIME  
LOCATION : 02 01 2013 21:40

CUSTOMER REP.  
Matt Johnson

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS





FIELD RECEIPT NO. 1001963118

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO : 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK MO. 02 DAY 01 YEAR 2013		BHI REPRESENTATIVE CHRISTOPHER M MCKEON		WELL API NO: 05123363240000		WELL TYPE : New Well					
COMPLETED				JOB DEPTH (ft) 7,594		WELL CLASS : Gas					
DISTRICT BJS, BRIGHTON				TD WELL DEPTH (ft) 7,635		GAS USED ON JOB : No Gas					
WELL NAME AND NUMBER CAMPBELL JF #17-41D		LEGAL DESCRIPTION 17-2N-65W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
A152 M100		Personnel Per Diem Chrg - Cement Svc Bulk Materials Blending Charge		ea cu ft		1 742					
		SUB-TOTAL FOR Service Charges									
F067A F090 J050 J225 J390 J391		Cement Pumping, 7001 - 8000 ft Fuel per pump charge - cement Cement Head Data Acquisition, Cement, Standard Mileage, Heavy Vehicle Mileage, Auto, Pick-Up or Treating Van		8hrs pump/hr job job miles miles		1 4 1 1 36 36					
		SUB-TOTAL FOR Equipment									
J401		Bulk Delivery, Dry Products		ton-mi		520					
		SUB-TOTAL FOR Freight/Delivery Charges									
		FIELD ESTIMATE									
ARRIVE LOCATION : MO. 02 DAY 01 YEAR 2013 TIME 21:40		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. Matt Johnson		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	
										X	

# CEMENT JOB REPORT



<b>CUSTOMER</b> GREAT WESTERN OIL & GAS		<b>DATE</b> 01-FEB-13		<b>F.R. #</b> 1001963118		<b>SERV. SUPV.</b> CHRISTOPHER M MCKEON	
<b>LEASE &amp; WELL NAME</b> CAMPBELL JF #17-41D - API 05123363240000		<b>LOCATION</b> 17-2N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> CADE 25		<b>TYPE OF JOB</b> 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	Cement Basket, Slip On, 4-1/2 in						
	Centralizer, with Pins, 4-1/2 in						
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Guide Shoe, Cement Nose, 4-1/2 in						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES					
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
Treated Water		0	8.34	0	0	00:00	20
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF		295	14.6	1.38	5.90	03:00	72.5
Treated Water		0	8.34	0	0	00:00	117.86
Mud Clean II		0	8.5	0	0	00:00	20
Treated Water		0	8.34	0	0	00:00	20
PLC+4%Gel+.6%SMS+8#/skCSE2		275	11	3.22	19.86	03:00	157.7
Available Mix Water	400 Bbl.	Available Displ. Fluid	400 Bbl.	TOTAL			
						408.06	171.62

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGF
7.875	20	7635	4	4.5	11.6	CSG	7594	7594	N-80	7594	7581	

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	WGT.						
8.1	8.63	24	CSG	943	943	No packer		0	0	4.5	8RD	WATER BASED	9.1						

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	Rig Tank
118	BBLS	Treated Water	8.34	1067	0	0	0	0	6224	3000	Rig Tank

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 6 BPM

Mud Density In: 9.1 LBS/GAL      Mud Density Out: 9.1 LBS/GAL      PV & YP Mud In: 0      PV & YP Mud Out: 0

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 ☐ RECIPROICATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES      Quantity: 32      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

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



# 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)  
 NA

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

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

### 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	4142 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:40	0	0	0	0	NA	Arrive location	
21:50	0	0	0	0	NA	Spot trucks	
21:55	0	0	0	0	NA	Rig up safety meeting	
22:45	0	0	0	0	NA	Pre job safety meeting	
23:12	802	0	0	0	H2O	Low pressure test	
23:14	4142	0	0	0	H2O	High pressure test	
23:17	803	0	8	20	H2O	ClayCare	
23:21	852	0	8	20	H2O	Mud Clean II	
23:24	871	0	8	20	H2O	ClayCare	
23:27	251	0	8	145	CMT	Batch up, weigh and pump 275 sx. 11.0 ppg Cement	
23:48	292	0	5.6	65	CMT	Batch up, weigh and pump 295 sx. 14.6 ppg Cement	
00:10	0	0	0	0	NA	Drop plug/ wash up	
00:16	584	0	8	70	H2O	Start ClayCare displacement	
00:25	1164	0	6.5	30	H2O	Rate change	
00:29	1325	0	5.5	10	H2O	Rate change	
00:32	1273	0	2.8	8	H2O	Rate change	
00:34	1325	0	2.8	118	H2O	Bump plug	
00:36	2612	0	0	0	NA	Plug down	
00:40	0	0	0	0	NA	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	1325	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	368	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

## Load Sheet



WELL NAME CAMPBELL JF #17-41D

**CUSTOMER GREAT WESTERN OIL & GAS**

**JOB DATE**

FIELD RECEIPT NO. 1001963118

FIELD RECEIPT DATE FEB-01-2013

[illegible]

RECEIVED TO LOCATION CHRISTOPHER M MCKEON

DATE FEB-01-2013

DATE FEB-01-2013

## APPROVAL

## Steve Meyers

DATE \_\_\_\_\_

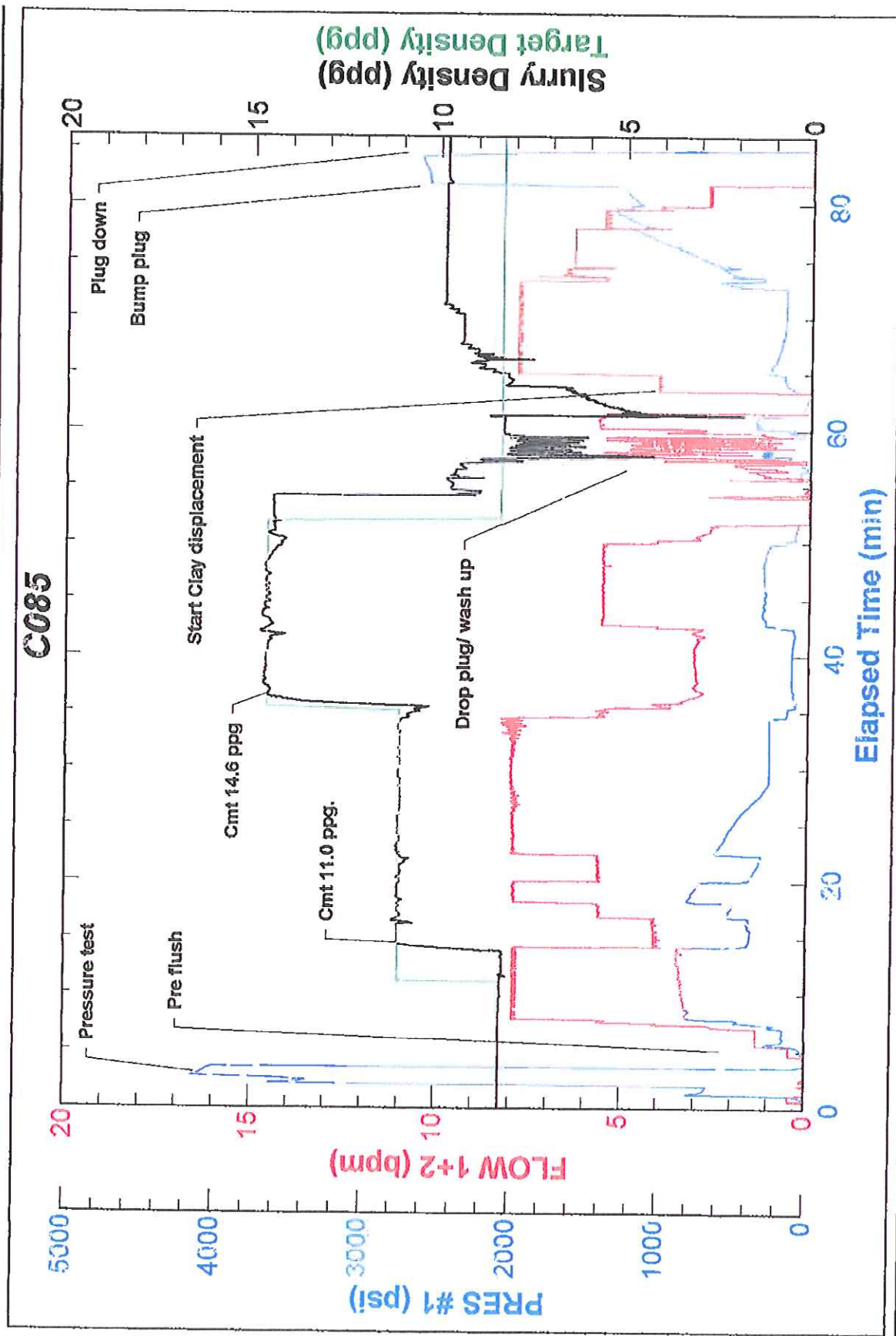
OPERATIONS SUPERVISOR

**CUSTOMER SIGNATURE**





Baker Hughes JobMaster Program Version 3.60  
Job Number: 1001963118  
Customer: Great Western  
Well Name: Campbell JF 17-41D



Baker Hughes

Job Start: Friday, February 01, 2013

# PIONEER

## Every Project Is Personal

*Pioneer Wireline Services, LLC*

Service Order No.

00132800

**Phone: 303.659.6581**

**Fax: 303.659.1789**

Date: 5/11/19

Client Info	Company Front Works Oil Co.						AFE #									
	Billing Address P.O. Box 1000, Big Horn, WY 82901								City Big Horn				ST WY		Zip 82901	
Well Info	Lease & Well # Holt SW-17-41T						Field Name Walkerberg									
	Legal Description SW 1/4 Sec 17 T1N R1E S1 NE 1/4 NW 1/4															
	Nearest Town Hardy		County / Parish Wyand		ST CO	Rig SBS	Permit #		Price Zone		API # 29-17-3632U					
Crew	Engineer JC		Crew Members JD						Unit # CF		Miles					

THE UNDERSIGNED HEREBY CERTIFIES THAT HE HAS FULL AUTHORITY TO ENTER INTO THIS CONTRACT ON BEHALF OF THE CLIENT AND AGREES TO THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE SIDE HEREOF.

### Client Approval

Name Printed

**Signature**

[illegible]

	Total Time	Oper. Time	Free Stand By	Charge Time
Equipment		5	2	0
Crew		3	2	0

**SUBTOTAL**

**DISCOUNT**

NET SUBTOTAL

TAX

NET TOTAL

### Client Approval

Name Printed :

**Signature**

### Pioneer Representative

**Name Printed**

**Signature**

**PIONEER OFFICE USE ONLY – Approval**

Name Printed

**Signature**