

3613A Y Road
Madison, KS 66860
Ph: 620-437-2661
Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway
Garnett, KS 66032
Ph: 785-448-3100
Fax: 785-448-3102

FED ID# 48-1214033
MC ID# 165290

Remit to: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202

COPY

Customer:
CROSS BAR ENERGY, LLC
1700 N WATERFRONT PKWY
BLDG 300 SUITE A
WICHITA, KS 67206

Invoice Date: 11/2/2017
Invoice #: 0035435
Lease Name: GAINES LYKE HAM
Well #: 2
County: GREENWOOD

Date/Description	HRS/QTY	Rate	Total
Ticket 50176 PTA	0.000	0.000	0.00
Heavy Eq mileage one way	10.000	2.438	24.38
Light Eq mileage one way	10.000	1.125	11.25
Bulk truck #241	1.000	225.000	225.00
Cement #230	1.000	506.250	506.25
Cement Pozmix 60/40	80.000	9.638	771.00
Bentonite Gel	575.000	0.225	129.38
Truck #111	2.000	63.000	126.00

Net Invoice 1,793.26
Sales Tax: (7.50%) 125.04
Total 1,918.30

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

CEMENTING LOG

Company	Cross Bar Energy, LLC		Lease	0	Well Name/No.	Gaines # 2
Type Job	PTA		Type & Amt Material	60:40:4%Gel		
Field	0		Ticket Number	50176		
CASING DATA						
Size	5.5"	Type		Weight		Collar
Casing Depths:	Top	0	Bottom	0		
Tubing	Size	2.375"	Weight		Collars	
Open Hole:	Size	0	T.D. (ft)	0	P.B. to (ft)	
CAPACITY FACTORS						
Tubing	Bbbls/Lin. ft.		0.00387	Lin. ft./Bbl		
Open Holes	Bbbls/Lin. ft.			Lin. ft./Bbl		
Drill Pipes	Bbbls/Lin. ft.			Lin. ft./Bbl		
Annulus	Bbbls/Lin. ft.		0.0101	Lin. ft./Bbl		
BPF	Bbbls/Lin. ft.		0.01397	Lin. ft./Bbl		
Perforations	From (ft)	1843	To	1850	Amount	14 holes
CEMENT DATA						
Spacer Type	Gelled water					
Amt.	24 BBL Total	Sks Yield		ft³/sk Density (PPG)		
LEAD						
Pump Time (hrs)		Type		Excess		
Amt.	Sks Yield		ft³/sk Density (PPG)			
TAIL						
Pump Time (hrs)		Type	60:40:4%Gel	Excess		
Amt.	80 Sks Yield		1.42 ft ³ /sk Density (PPG)			13.8
WATER						
Lead	gals/sk	Tail		6.9 gals/sk Total (Bbbls.)		13.41
Pump Trucks Used						230
Bulk Equipment						241
Float Equipment: Manufacturer						
Shoe: Type				Depth		
Float: Type				Depth		
Centralizers: Quantity		Plugs: Top		Bottom		
Stage Collars						
Special Equipment						
Disp. Fluid Type		Amt. (Bbbls.)		Weight (PPG)		
Mud Type				Weight (PPG)		

COMPANY REPRESENTATIVE Stewart **CEMENTER** Jake Heard

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	
						On location safety meeting
						Spot in and rig up
						Hook up to tubing 1843'
	200		5			Break circulation
	200		12			Pump gel
	200		5.05			Mix and pump cement
	200		5.5			Displace
						Hook up to tubing 915'
	150		3			Break circulation
	150		12			Pump gel
	150		5.05			Mix and pump cement
	150		1.5			Displace
						Hook up to tubing 150'
	100		2			Break circulation
	100		10.11			Mix and pump cement
						Cement to surface
						Pull tubing
	50		0.5			Top off with 2 sacks
						Wash up and rig down to leave location
						Thanks—take Kevin, Ben and Ineh!