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Madison, KS 66860  
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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 #: 0035438  
Lease Name: BURKETT A  
Well #:   
County: GREENWOOD

Date/Description	HRS/QTY	Rate	Total
Ticket 50175 PTA	0.000	0.000	0.00
heavy Eq mileage one way	12.000	2.438	29.25
light Eq mileage one way	12.000	1.125	13.50
bulk truck #241	1.000	225.000	225.00
Cement #230	1.000	506.250	506.25
Cement Pozmix 60/40	100.000	9.638	963.75
Bentonite Gel	644.000	0.225	144.90
vac truck #111	2.000	63.000	126.00
city water	3,360.000	0.006	20.16

Net Invoice 2,028.81  
Sales Tax: (7.50%) 142.71  
**Total** 2,171.52

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.	Burkett A
Type Job	PTA	Type & Amt Material	60:40:4%Gel		
Field	0	Ticket Number	50175		
<b>CASING DATA</b>					
Size	4.5"	Type		Weight	0 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)
<b>CAPACITY FACTORS</b>					
Tubing	Bbls/Lin. ft.		0.00387	Lin. ft./Bbl	
Open Holes	Bbls/Lin. ft.			Lin. ft./Bbl	
Drill Pipes	Bbls/Lin. ft.			Lin. ft./Bbl	
Annulus	Bbls/Lin. ft.		0.0101	Lin. ft./Bbl	
BPF	Bbls/Lin. ft.		0.01397	Lin. ft./Bbl	
Perforations	From (ft)	2092	To	2100	Amount 10 holes
<b>CEMENT DATA</b>					
Spacer Type	Gelled water				
Amt.	24 BBL Total	Sks Yield		ft <sup>3</sup> /sk	Density (PPG)
<b>LEAD</b>					
Pump Time (hrs)		Type		Excess	
Amt.	Sks Yield		ft <sup>3</sup> /sk	Density (PPG)	
<b>TAIL</b>					
Pump Time (hrs)		Type	60:40:4%Gel	Excess	
Amt.	100 Sks Yield		1.42 ft <sup>3</sup> /sk	Density (PPG)	13.8
<b>WATER</b>					
Lead	gals/sk	Tail	6.9 gals/sk	Total (Bbls.)	16.42
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. (Bbls.)		Weight (PPG)	
Mud Type				Weight (PPG)	

COMPANY REPRESENTATIVE Stewart CEMENTER Jake Heard

TIME	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 2086'
	250		6			Break circulation
	200		12			Pump gel
	200		5.05			Mix and pump cement
	200		5			Displace
						Hook up to tubing 915'
	150		4			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		15.17			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—Jake Kevin, Ron, and Inch