



250 N. Water, Ste 200 - Wichita, Ks 67202

**HURRICANE SERVICES INC**

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer:	<b>Black Gold Kansas George, LLC</b>			Customer Name:	<b>Chris McGown (REP.)</b>	Ticket No.:	<b>50161</b>		
Address:	<b>3825 Edwards RD #200</b>			Contractor:	<b>McGown Drilling</b>	Date:	<b>10/9/2017</b>		
City, State, Zip:	<b>Cincinnati, Ohio 45209</b>			Job type:	<b>Longstring</b>	Well Type:	<b>Oil</b>		
Service District:	<b>Madison, Ks</b>			Well Details:	Sec:	Twp:	R:		
Well name & No.:	<b>George # 7</b>			Well Location:	<b>Bronson</b>	County:	<b>Bourbon</b>	State:	<b>Kansas</b>

Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALLED	AM PM	TIME
230	Kevin					ARRIVED AT JOB	AM PM	4:20
241	Josh					START OPERATION	AM PM	
26	Jake					FINISH OPERATION	AM PM	
						RELEASED	AM PM	4:45
						MILES FROM STATION TO WELL		38

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Net Amount
c001	Heavy Equip. One Way	mi	38.00	\$3.25	\$123.50	\$93.86
c004	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00	\$228.00
c020	Cement Pump	ea	1.00	\$675.00	\$675.00	\$513.00
cp006	Regular - Class A Cement	sack	75.00	\$16.25	\$1,218.75	\$926.25
cp014	Bentonite Gel	lb	141.00	\$0.30	\$42.30	\$32.15
cp015	Calcium - Chloride	lb	212.00	\$1.00	\$212.00	\$161.12
cp038	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00	\$22.80
cp030	Mud Flush	gal	210.00	\$1.00	\$210.00	\$159.60
c002	Light Equip. One Way	mi	38.00	\$1.50	\$57.00	\$57.00

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days net payment terms or cash.

**DISCLAIMER NOTICE:**  
 This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is HSI best estimate of the actual results that may be achieved and should be used for comparison purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational care of all customer owned production and associated equipment, while H.S.I. is on location performing services which could adversely affect the performance of such services.  
 Authorization below acknowledges receipt and acceptance of all terms and conditions stated above.

X \_\_\_\_\_  
 CUSTOMER AUTHORIZED AGENT

		<b>Gross:</b>	<b>\$ 2,868.55</b>	<b>Net:</b>	<b>\$2,193.78</b>
<b>Total Taxable</b>		<b>\$ -</b>	<b>Tax Rate:</b>	<del>_____</del>	<del>_____</del>
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.			<b>Sale Tax:</b>	<b>\$ -</b>	
			<b>Total:</b>	<b>\$ 2,193.78</b>	
Date of Service:	<b>10/9/2017</b>				
HSI Representative:	<b>Jake Heard</b>				
Chris McGown was on location as the company repersentive.					

### CEMENTING LOG

<b>Company</b> Black Gold Kansas George, LLC	<b>Lease</b> 0	<b>Well Name/No.</b> George # 7
<b>Type Job</b> Longstring	<b>Type &amp; Amt Material</b> Class A 2% gel 3% Cc	
<b>Field</b> 0	<b>Ticket Number</b> 50161	

<b>CASING DATA</b>			
Size	2.875	Type	Weight 6.4 Collar
Casing Depths:	Top	0 Bottom	657
Drill Pipe:	Size	Weight	Collars
Open Hole:	Size 5.875	T.D. (ft) 662	P.B. to (ft)

<b>CAPACITY FACTORS</b>			
Casing	Bbls/Lin. ft.	0.00579	Lin. ft./Bbl
Open Holes	Bbls/Lin. ft.		Lin. ft./Bbl
Drill Pipes	Bbls/Lin. ft.		Lin. ft./Bbl
Annulus	Bbls/Lin. ft.	0.0255	Lin. ft./Bbl
	Bbls/Lin. ft.		Lin. ft./Bbl
Perforations	From (ft)	To	Amount

<b>CEMENT DATA</b>			
Spacer Type	Mudflush		
Amt. 5 BBL	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	A 2% Gel 3% C.C	Excess 25%
Amt. 75	Sks Yield	1.41 ft <sup>3</sup> /sk Density (PPG) 14.8	

<b>WATER</b>			
Lead	gals/sk	Tail	6.85 gals/sk Total (Bbls.) 12.23
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	Freshwater	Amt. (Bbls.)	3.8 Weight (PPG)
Mud Type			Weight (PPG)

**COMPANY REPRESENTATIVE** Chris McGown      **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
4:20 PM	100		5		4	Break circulation
	100		5		4	Pump Mudflush
	100		4		4	Pump water
	100		5		4	Pump dyed water
	180		18.83		4	Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	200		4		3	Displace
4:45 PM	1250		4		3	Bump plug
	0					Release pressure
						Shut in well
						Rig down and leave location
						Thanks---- Jake, Kevin and Josh