

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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Black Gold Kansas George, LLC			Customer Name:	Chris McGown (REP.)		Ticket No.:	50157		7	
Address:	3825 Edwards RD #200			Contractor:	McGown Drilling		Date:	10/5/2017			
City, State, Zip:	Cincinnati, Ohio 45209			Job type	Longstring		Well Type:	Oil			
Service District:	Madison, Ks		Well Details:	Sec		Twp:		R:			
Well name & No.	George #	George # 8		Well Location:	Bronson	County:	Bourbon	State:	I	Kansas	
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALL	.ED			AM PM	TIME
230	Kevin					ARRIVED AT	JOB			AM PM	11:00
241	Ron					START OPER	ATION			AM PM	
26	Jake					FINISH OPER	ATION			AM PM	
						RELEASED				AM PM	11:45
						MILES FROM	STATION TO	WELL			38

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount		Net Amour
c001	Heavy Equip. One Way	mi	38.00	\$3.25	\$123.50		\$93.8
c004	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00		\$228.0
c020	Cement Pump	ea	1.00	\$675.00	\$675.00		\$513.0
cp006	Regular - Class A Cement	sack	83.00	\$16.25	\$1,348.75		\$1,025.0
cp014	Bentonite Gel	lb	157.00	\$0.30	\$47.10		\$35.8
cp015	Calcium - Chloride	lb	235.00	\$1.00	\$235.00		\$178.6
cp038	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00		\$22.8
cp030	Mud Flush	gal	210.00	\$1.00	\$210.00		\$159.6
	ce unless Hurricane Services Inc. (HSI) has approved credit prior to sale.				A 0.000.05	N	40.070
	approved accounts are total invoice due on or before the 30th day from the e accounts may pay interest on the balance past due at the rate of 1 ½% per			Gross:	\$ 2,969.35	Net:	\$2,256.

Total Taxable

Date of Service:

Frac and Acid service treatments designed with intent to

increase production on newly drilled or existing wells are

not taxable.

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

X____CUSTOMER AUTHORIZED AGENT

HSI Representative:	заке пеаго
Chris McGo	own was on location as the company repersentive.

Sale Tax:

10/5/2017

Jake Heard

Total:

2,256.71

CEMENTING LOG

			CEIVIEIN	I ING LOG			
Company	Black Gold Kansas Ge	orge,LLC	Lease 0		Well Na	me/No.	George # 8
Type Job	Longstring		Type & Amt Material	Class A	2% gel 3% Cc		
Field	0		Ticket Number	50159			
CASING DAT	A						
Size		5 Type		Weight		6.4 Collar	
Casing Depth	ns: Top	0 Botto	om 652				
Drill Pipe:	Size	Weig		Collars			
Open Hole:	Size	5.875 T.D.	(ft) 658	P.B. to (ft)			
CAPACITY FA	ACTORS						
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)		То	Amount			
CEMENT DAT							
Spacer Type	Mudflush						
Amt. 5 BBL	Sks Yield		ft $^{3}/_{sk}$ Density (PPG)				
							•
LEAD							
Pump Time (hrs)		Туре	ı	Excess		
Amt.	Sks Yield		ft ³ / _{sk} Density (PPG)				
TAIL			- 3N				
Pump Time (hrs)		Type A 2% Gel 3% (~ C	Excess		25%
		1	11 ft ³ / _{sk} Density (PPG)				
Amt.	83 Sks Yield	1.2	II It / _{sk} Density (PPG)				14.8
WATER							<u> </u>
Lead 	gals/s	k	Tail	6.85 gals/sk	Total (Bbls.)		13.53
Pump Trucks							230
Bulk Equipm	ent						
							241
Float Fauinm	nent: Manufacturer						241
Shoe: Type	icht. Manufacturei			1	Depth		
Float: Type					Depth		
Centralizers:	Quantity		Plugs: Top		Bottom		
Stage Collars			. 1982. 104	'			
Special Equip							
Disp. Fluid Ty			Amt. (Bbls.)	4 '	Weight (PPG)		
Mud Type			. ,		Weight (PPG)		

COMPANY REPRESENTATIVE Chris McGown CEMENTER Jake Heard

TIME PRESSURES PSI		FLU	JID PUMPED DA	ATA		
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	REMARKS
						On location saftey meeting
						Spot in and rig up
						Hook up to tubing
11:00 AM	100		5		4	Break circulation
	100		5		4	Pump Mudflush
	100		4		4	Pump water
	100		5		4	Pump dyed water
	180		20.84		4	Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	200		4		3	Displace
11:35 AM	1250		4		3	Bump plug
	0					Release pressure
						Shut in well
						Rig down and leave location
						Thanks Jake, Kevin and Ron