

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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Sale Tax:

10/9/2017

Jake Heard

Chris McGown was on location as the company repersentive.

Total:

1,571.53

Customer	Black Gold Kansas George, LLC			Customer Name:	Chris McGown (REP.)		Ticket No.:	50162		2	
Address:	3825 Edwards RD #200			Contractor:	McGown Drilling		Date:	10/9/2017			
City, State, Zip:	Cincinnati, Ohio 45209			Job type	Plug Well Type: Oil			Oil			
Service District:	trict: Madison, Ks			Well Details:	Sec		Twp:		R:		
Well name & No.	George # 5			Well Location:	Bronson	County:	Bourbon	State:	I	Kansas	
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALLED			AM PM	TIME	
230	Kevin					ARRIVED AT JOB			AM PM	3:30	
241	Josh					START OPER	ATION			AM PM	
26	Jake					FINISH OPER	ATION			AM PM	
						RELEASED				AM PM	4:15
						MILES FROM	STATION TO	WELL			38

Product/Service		Unit of		List	Gross		
Code	Description	Measure	Quantity	Price/Unit	Amount		Net Amount
c007	1 inch Swivel and Hose	job	1.00	\$50.00	\$50.00		\$38.00
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	60.00	\$16.25	\$975.00		\$741.00
cp014	Bentonite Gel	lb	226.00	\$0.30	\$67.80		\$51.53
	ice unless Hurricane Services Inc. (HSI) has approved credit prior to sale. approved accounts are total invoice due on or before the 30th day from the			Gross:	\$ 2,067.80	Net:	\$1,571.53
date of invoice. Past du	e accounts may pay interest on the balance past due at the rate of 1 1/2% per	Total	Taxable	\$ -	Tax Rate:		**,511.100
month or the maximum	allowable by applicable state or federal laws if such laws limit interest to a	iolai	ιαλανισ	Ψ -	rax ivale.		

Frac and Acid service treatments designed with intent to

increase production on newly drilled or existing wells are

not taxable.

Date of Service:

HSI Representative:

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 1/2% 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

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X	
CUSTOMER AUTHORIZED AGENT	

CEMENTING LOG

				CEIVIEI	NTING LOG			
Company	Black Go	old Kansas Ge	orge,LLC	Lease 0		Well Na	me/No.	George # 5
Type Job	PTA			Type & Amt Materia	l Class A			-
Field	0			Ticket Number	50162			
CASING DATA	A							
Size 1"			Туре		Weight		Collar	
Casing Depth	ns:	Тор		ottom				
Tubing		Size 1"		/eight	Collars			
Open Hole:	;	Size	5.875 T.		0 P.B. to (ft)			
CAPACITY FA	CTORS							
Casing		Bbls/Lin. ft.		0.0010	7 Lin. ft./Bbl			
Open Holes		Bbls/Lin. ft.			Lin. ft./Bbl			
Drill Pipes		Bbls/Lin. ft.			Lin. ft./Bbl			
Annulus		Bbls/Lin. ft.		0.031	8 Lin. ft./Bbl			
		Bbls/Lin. ft.			Lin. ft./Bbl			
Perforations		From (ft)		То	Amount			
CEMENT DAT	ГА	-						
Spacer Type	Water							
Amt. 5 BBL	_	Sks Yield		ft $^{3}/_{sk}$ Density (PPG)				
				, 3K , ()				<u> </u>
LEAD								
Pump Time (I	hrs)			Туре		Excess		
Amt.		Sks Yield		ft ³ / _{sk} Density (PPG)				
				, , , , , ,				
TAIL	laa\			Type A 2% Gel 3%	′.C.C	Fuere		25%
Pump Time (I		al va 1.1		• • • • • • • • • • • • • • • • • • • •	o C.C	Excess		
Amt.	83 :	Sks Yield		1.41 ft ³ / _{sk} Density (PPG)				14.8
WATER								
Lead		gals/s	k	Tail	6.85 gals/sk	Total (Bbls.)		8.47
Pump Trucks								230
Bulk Equipme	ent							
Flack Ferritor		.f						241
Float Equipm	ient: Mant	nacturer				Donth		
Shoe: Type						Depth		
Float: Type Centralizers:	Ouantit	,		Plugs: Top		Depth Bottom		
Stage Collars		•		riugs. 10p		BULLUIII		
Special Equip								
Disp. Fluid Ty		Freshwater		Amt. (Bbls.)		Weight (PPG)		
Mud Type	PC	Testiwater		וווני (טטוט.)		Weight (PPG)		
ividu Type						WCIgitt (FFO)		

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 @ 700'
3:30 PM	600		5		1	Break circulation
	600		5		1	Mix and pump cement
	500		0.25		1	Displace
						Pull Tubing
						Hook up to tubing @ 250'
	500		1		1	Break circulation
	500		7.53		1	Mix and pump cement to surface
						Pull Tubing
			0.5			Top off hole
					2	Wash up pump
4:15 PM						Rig down and leave location
						Thanks Jake, Kevin, and Josh