



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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: Owens Petroleum	Customer Name: Bryson Owens		Ticket No.: 50170			
Address:	Contractor:		Date: 10/25/2027			
City, State, Zip:	Job type: Longstring		Well Type: Oil			
Service District: Garnett, KS - <i>MADISON</i>	Well Details: Sec:		Twp: R:			
Well name & No. Reno # 19	Well Location: Piqua		County: Woodson State: Kansas			
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TIME
230	Kevin					AM: PM: ARRIVED AT JOB
241	Ron					AM: PM: START OPERATION
24	Jake					AM: PM: FINISH OPERATION
						AM: PM: RELEASED
MILES FROM STATION TO WELL						

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Net Amount
c001	Heavy Equip. One Way	mi	50.00	\$3.25	\$162.50	\$121.88
c002	Light Equip. One Way	mi	50.00	\$1.50	\$75.00	\$56.25
c004	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00	\$225.00
c020	Cement Pump	ea	1.00	\$675.00	\$675.00	\$506.25
cp008	70/30 Pozmix Cement	sack	93.00	\$13.70	\$1,274.10	\$955.58
cp014	Bentonite Gel	lb	164.00	\$0.30	\$49.20	\$36.90
cp038	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00	\$22.50
cp014	Bentonite Gel	lb	200.00	\$0.30	\$60.00	\$45.00

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are (net 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.		Gross: \$ 2,625.80		Net: \$ 1,969.35	
		Total Taxable \$ -		Tax Rate:	
		Frecc and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax: \$ -	
		Total: \$ 1,969.35		Date of Service: 10/25/2017	
		HSI Representative: Jake Heard			

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

Customer Comments:

CEMENTING LOG

Company Owens Petroleum		Lease		Well Name/No.		Rend # 19	
Type Job Longstring		Type & Amt Material 70:30 2% Gel					
Field		Ticket Number 50170					
CASING DATA							
Size 2.875"		Type		Weight		6.4 Collar	
Casing Depths: Top		0 Bottom 855'					
Drill Pipe: Size		Weight		Collars			
Open Hole: Size 5.875"		T.D. (ft) 862'		P.B. to (ft)			
CAPACITY FACTORS							
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			
CEMENT DATA							
Spacer Type Gelled water							
Amt. 12 BBL		Skys Yield		ft ³ /sk Density (PPG)			
LEAD							
Pump Time (hrs)		Type		Excess			
Amt.		Skys Yield		ft ³ /sk Density (PPG)			
TAIL							
Pump Time (hrs)		Type 70:30 2% Gel		Excess		20%	
Amt. 93		Skys Yield		1.28 ft ³ /sk Density (PPG)		14.5	
WATER							
Lead		gals/sk		Tail		5.91 gals/sk Total (Bbls.) 13.08	
Pump Trucks Used						230	
Bulk Equipment						241	
Float Equipment: Manufacturer							
Shoe: Type				Depth			
Float: Type				Depth			
Centralizers: Quantity		Plugs: Top TRP		Bottom			
Stage Collars							
Special Equipment							
Disp. Fluid Type		Amt. (Bbls.)		4.95 Weight (PPG)			
Mud Type WBM				Weight (PPG)			

COMPANY REPRESENTATIVE Bryson Owens 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
10:30 AM	250		5			3 Break circulation
	200		12			3 Pump gelled water
	200		3			3 Pump fresh water
	200		5			3 Pump dyed water
	150		21.2			3 Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	300		4.95			3 Displace
10:50 AM	1200					3 Bump plug
						Release pressure
						Shut in well
						Wash up pump
						Rig down and leave location
						Thanks-- Jake, Kevin, and Ron