

250 N. Water St., Suite #200  
Wichita, KS 67202



**HURRICANE SERVICES INC**

Customer	Haaa Petroleum	Lease & Well #	Thowe VHP #1	Date	3.1.19
Service District	Garnett, KS	CO and State	Webbunsee, KS	Legal's SITIR	2/13s/10s
Job Type	PTA	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> NI	<input type="checkbox"/> SWD	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			

Equipment #	Driver	<input checked="" type="checkbox"/> Hard Hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & flagging
265	Kevin	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
240	Garrett	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
77	Jake H	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations
	Josh	<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

**Comments**

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
c010	Cement Pump	ea	1.00	\$750.00
m010	Heavy Equipment Mileage	mi	100.00	\$280.00
m020	Ton Mileage	tm	627.00	\$658.35
p055	H-Pump	sack	140.00	\$1,274.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?

1  
  2  
  3  
  4  
  5  
  6  
  7  
  8  
  9  
  10  
 Likelihood Level

Total Taxable \$ -      Tax Rate:      Net: \$2,962.35  
 Sales Tax: \$ -      Total: \$ 2,962.35

State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.

HSI Representative: **Jake Heard**

**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 shall 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. In the event it is necessary to employ an agency and/or attorney to affect the collection, 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 discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is 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. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X: **BUSTOMER AUTHORIZATION SIGNATURE**



**CEMENT TREATMENT REPORT**

Customer:	Haas Petroleum	Well:	Thowe VHP #1	Ticket:	ICT 1815
City, State:		County:	Wabaunsee, KS	Date:	3/1/2019
Field Rep:	Dave Farthing	S-T-R:	2/13s/10e	Service:	PTA

Downhole Information	
Hole Size:	7.875 in
Hole Depth:	ft
Casing Size:	8.625 in
Casing Depth:	300 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	bbbls

Slurry	
Weight:	13.8 # / sx
Water / Sx:	6.90 gal / sx
Yield:	1.42 ft <sup>3</sup> / sx
Bbls / Ft.:	
Depth:	ft
Volume:	bbbls
Excess:	%
Total Slurry:	35.4 bbbls
Total Sacks:	140 sx

Cement Blend		
Product	%	#
Class A	60.0	7896
Gel	4.0	482
CaCl		
Metso		
KolSeal		
PhenoSeal		
Salt		
Flyash	40.0	4144
<b>Total</b>		<b>12,522</b>

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
				On location safety meeting					
				Spot in and rig up					
				Hook up to drill pipe @ 2918'					
	3.0	150.0	8.5	Pump 8.5 water ahead					
	3.0	150.0	2.7	Mix and pump cement					
	3.0	150.0	36.0	Pump 3 water					
				Rig pump mud					
				Hook up to drill pipe @ 1435'					
	3.0	150.0	8.5	Pump 8.5 water ahead					
	3.0	150.0	2.7	Mix and pump cement					
	3.0	150.0	3.0	Pump 3 water					
			16.0	Rig pump mud					
				Hook up to drill pipe @ 350'					
	3.0	100.0	3.0	Break circulation					
	3.0	100.0	26.0	Mix and pump cement to surface					
				Pull out remaining drill pipe					
			4.5	Top off with cement					

CREW		UNIT	SUMMARY		
Cementer:	Jake Hoard	77	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Kevin	265	3 bpm	137.50 psi	110.90 bbbls
Bulk #1:	Garrett	240			
Bulk #2:	Josh				