



**HURRICANE SERVICES INC**

Customer	Vess Oil	Lease & Well #	Wilson A 456	Date	7/13/2019
Service District	Madison, KS	County & State	Butler	Legals S/T/R	Job #
Job Type	Longstring	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Ticket #
					ICT 2138

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
271	Kevin	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging		
241	Jake H	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection		
77	Chris M	<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations		
		<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		
		<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below			

Comments	
Cement Longstring on C&G Rig #2.	

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
co15	Cement Pump	ea	1.00	\$1,275.00
m010	Heavy Equipment Mileage	mi	30.00	\$102.00
m015	Light Equipment Mileage	mi	30.00	\$51.00
m020	Ton Mileage	tm	322.00	\$410.55
cp055	H-Plug	sack	50.00	\$552.50
cp031	HSC	sack	150.00	\$3,060.00
cp170	Mud Flush	gal	500.00	\$425.00
fe125	5 1/2" Centralizer	ea	7.00	\$357.00
fe130	5 1/2" Cement Basket	ea	1.00	\$255.00
fe170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$297.50
fe175	5 1/2" Type A Packer Shoe	ea	1.00	\$1,570.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$8,355.55
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable \$	-
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Tax Rate:	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely		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.	Sale Tax: \$
		Total:	\$ 8,355.55
		HSI Representative: <b>Jake Heard</b>	

**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 \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**



### CEMENT TREATMENT REPORT

<b>Customer:</b> Vess Oil	<b>Well:</b> Wilson A 456	<b>Ticket:</b> ICT 2138
<b>City, State:</b> Wichita, KS	<b>County:</b> Butler, KS	<b>Date:</b> 7/13/2019
<b>Field Rep:</b> Judd	<b>S-T-R:</b>	<b>Service:</b> Longstring

Downhole Information	
Hole Size:	7.875 in
Hole Depth:	2480 ft
Casing Size:	5.5 in
Casing Depth:	2480 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	58.01 bbls

Slurry	
Weight:	14.66 # / sx
Water / Sx:	6.97 gal / sx
Yield:	1.56 ft <sup>3</sup> / sx
Bbls / Ft.:	0.0309
Depth:	ft
Volume:	76.63 bbls
Excess:	%
Total Slurry:	41.67 bbls
Total Sacks:	150 sx

Cement Blend		
Product	%	#
Class A	100.0	14100
Gel	2.0	282
Gyp	6.0	846
Metso		
KolSeal	5#	750
FLA	0.3	94
Salt	10.0	871

**Total 16,943**

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
5:30 AM				On location					
				JSA, Spot trucks, rig laying down					
				drill pipe					
7:00 AM				Run casing & float equipment					
				Type A packer shoe, baffle,					
				Centralizers on #1,2,8,10,12,16,24					
				Basket on 3rd collar					
				Break circ with rig, drop trip ball					
9:40 AM				Hook up to pump truck, slide pkr					
				Circ on bottom with rig through					
				through packer shoe for 2 hrs					
11:45 AM				Rig up to cement					
	4.0	120.0	12.0	Pump mud flush					
	2.0	-	12.6	Plug RH & MH w/50 sx					Thank you for calling Hurricane Services!
	4.0	-	41.7	Cement casing w/150 sx HSC					
				mixed at 14.6 ppg					
				Wash up pump & lines					
				Drop LD plug					
	3.0	-		Start displacement					
	3.0	40.0	41.0	Catch cement					
	2.0	460.0	55.0	Reduce rate					
12:57 PM	2.0	1,200.0	58.0	Bump plug					
				Hold pressure, release, plug held					
				1/8 bbl back to truck					
				Wash up truck, rig down					
1:30 PM				Depart					

CREW		UNIT		SUMMARY		
Cementer:	Jake H			Average Rate	Average Pressure	Total Fluid
Pump Operator:	Kevin N			2.9 bpm	260.0 psi	220.30 bbls
Bulk #1:	Chris M					
Bulk #2:						