CEMENT TREATMENT REPORT

Customer:	Mull Drilling	Well:	Bloom 2-3	Ticket:	ICT1880
City, State:	Oakley, KS	County:	Gove, KS	Date:	3/31/2019
Field Rep:		S-T-R:	3-11S-31W	Service:	PTA

Downhole Information	
Hole Size:	7.875
Hole Depth:	4760'
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	4.5"
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	bbls

Slurry	
Weight:	13.8 # / sx
Water / Sx:	6 5/7 gal / sx
Yield:	1 3/7 ft^3 / sx
Bbls / Ft.:	
Depth:	ft
Volume:	bbls
Excess:	%
Total Slurry:	60.6 bbls
Total Sacks:	240 sx

Cement Blend		
Product	%	#
Class A	60.0	13536
Gel	4.0	825
CaCl		
Metso		
KolSeal		
PhenoSeal		60
Salt		
Poz	40.0	7104
	Total	21,525

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
7:30am				Arrivial					
7:35 AM				Safety meeting					
7:40am				rig up equip					
9:30am				Load and Circulate hole					
9:55am	4.0	200.0	12.6	Mix 50sx cement @ 2550'					
10am	8.0	200.0	32.0	Displace cement					
10:40am	4.0	200.0	25.0	Mix 100sx cement @1700'					
10:55am	4.0	200.0	17.0	Displace cement					
11:30am	4.0	100.0	12.6	Mix 50sx cement @ 300'					
11:40am	4.0	50.0	1.5	Displace cement					
12:45pm	2.0	50.0	2.5	Mix 10sx cement@40' w/plug					
12:55pm	2.0	50.0	7.5	plug RH w/30sx					
1:05pm				Wash up and rig down equip					
1:30pm				depart					

	CREW	UNIT
Cementer:	Miles Shaw	73.0
Pump Operator:	Paul Williams	230.0
Bulk #1:	John Polley 181/256	0.7
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4 bpm	131.25 psi	110.70 bbls

Hurricane Services, Inc.
250 N. Water
Wichita, KS 67202

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

HURRICANE SERVICES INC

Customer	Mull Drilling	Lease & Well #	Bloon 2-3			Date	3/31/2019
Service District	Oakley, KS	County & State	Gove, KS	Legals S/T/R	3-11S-31W	Job #	
Job Type	PTA	☒ PROD ☐ INJ ☐ SWD		New Well?	☒ YES ☐ No	Ticket #	ICT1880

Equipment #	Driver
73	Miles Shaw
230	Paul Williams
182/256	John Polley

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

☒ Hard hat	☒ Gloves	☐ Lockout/Tagout	☐ Warning Signs & Flagging
☒ H2S Monitor	☒ Eye Protection	☐ Required Permits	☐ Fall Protection
☒ Safety Footwear	☐ Respiratory Protection	☒ Slip/Trip/Fall Hazards	☐ Specific Job Sequence/Expectations
☒ FRC/Protective Clothing	☐ Additional Chemical/Acid PPE	☒ Overhead Hazards	☒ Muster Point/Medical Locations
☐ Hearing Protection	☒ Fire Extinguisher	☐ Additional concerns or issues noted below	

Comments

All cement and equopment from Oakley camp

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
C010	Cement Pump	ea	1.00			$637.50
M010	Heavy Equipment Mileage	mi	20.00			$68.00
M015	Light Equipment Mileage	mi	10.00			$17.00
M020	Ton Mileage	tm	107.00			$136.43
CP055	H-Plug	sack	240.00			$2,652.00
CP120	Flo-Seal	lb	60.00			$89.25
FE290	8 5/8" Wooden Plug	ea	1.00			$127.50

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?

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

			Net:	$3,727.68
Total Taxable	$ -	Tax Rate:		
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:	$ 3,727.68

HSI Representative: *Miles Shaw*

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 ½% 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 fom 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 informaiton in determining taxable services.

X_____ **CUSTOMER AUTHORIZATION SIGNATURE**