CEMENT TREATMENT REPORT

Customer:	Strachan Exploration	Well:	State # 1-21	Ticket:	
City, State:	Oakley KS	County:	Kiowa CO	Date:	10/26/2021
Field Rep:	Josh Mosier	S-T-R:	21-19S-47W	Service:	PTA

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	5 1/2 in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	H- Plug
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.42 ft^3 / sx
Annular Bbls / Ft.:	0.0238 bbs / ft.
Depth:	524 ft
Annular Volume:	12.5 bbls
Excess:	
Total Slurry:	13.9 bbls
Total Sacks:	55 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
915A			-	-	GOT TO LOCATION
920A				-	SAFETY MEETING
925A				-	RIGGED UP TRUCKS
1000A	1.5	100.0	6.5	6.5	LOADED CASING WITH 6.5 BBL OF H20
1018A	1.5	150.0	6.5	13.0	LOADED BACK SIDE WITH 6.5 BBL OF H20
1250P	1.5	150.0	0.5	13.5	PUMPED H20
104P	3.2	300.0	10.1	23.6	PUMPED 40 SKS OF H- PLUG WITH 2% CC THROUGH 5.5 SWEDGE
109P	2.1	200.0	10.0	33.6	DISPLACED WITH H20
114P				33.6	SHUT DOWN WAITED TO TAG CEMENT
400P	1.5	50.0	3.7	37.3	TOPPED CASING OFF WITH 15 SKS OF H- PLUG
405P				37.3	PLUG DOWN
410P					WASHED UP PUMP TRUCK
420P					RIGGED DOWN TRUCKS
440P					OFF LOCATION

	CREW	UNIT
Cementer:	Josh	73
Pump Operator:	John	208
Bulk #1:	Trevino	165/235
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
1.9 bpm	158 psi	37 bbls

ftv: 15-2021/01/25
mplv: 201-2021/09/15

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

Customer	Strachan Exploration	Lease & Well #	State # 1-21			Date	10/26/2021
Service District	Oakley KS	County & State	Kiowa CO	Legals S/T/R	21-19S-47W	Job #	
Job Type	PTA	☐ PROD	☐ INJ	☐ SWD	New Well?	☐ YES	☑ No	Ticket #	

Equipment #	Driver
73	Josh
208	John
165/235	Trevino

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

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
D011	Depth Charge: 501'-1000'	job	1.00			$1,125.00
M010	Heavy Equipment Mileage	mi	130.00			$468.00
M015	Light Equipment Mileage	mi	130.00			$234.00
M020	Ton Mileage	tm	2,603.25			$3,514.39
CP055	H-Plug	sack	55.00			$643.50
CP100	Calcium Chloride	lb	100.00			$67.50
CP180	Sugar	lb	50.00			$135.00

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?

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

				Net:	$6,187.39
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:	$ 6,187.39	

HSI Representative: *Josh Mosier*

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**

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