



Customer	Thomas L. Spring		Lease & Well #	Warne Templin #1-29			Date	11/18/2019
Service District	Oakley, KS		County & State	Kiowa, CO	Legals S/T/R	Sec 29 - T20S - R48W	Job #	
Job Type	Cement - PTA	<input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input type="checkbox"/> YES <input type="checkbox"/> No	Ticket #	ICT2790		
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures						
74	Scott Green	<input type="checkbox"/> Hard hat	<input type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging			
266	Michael Rebarche	<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection			
181 / 256	John Polley	<input type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations			
		<input 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 type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below				
		Comments						
		Directions: Eads, CO - 16.5 miles south on HWY 287 to CR A (County Line), 4.5 miles west, north to barn & west into.						

[illegible]

Customer Section: On the following scale how would you rate Hurricane Services Inc.?											Gross:		Net:		\$3,644.00		
											Total Taxable	\$ -	Tax Rate:			<del>\$3,644.00</del>	
Based on this job, how likely is it you would recommend HSI to a colleague?											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:		\$ -		
<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"/>													Total:		\$ 3,644.00		
Unlikely   1   2   3   4   5   6   7   8   9   10   Extremly Likely											HSI Representative:		Scott Green				

**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 1/4% 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 HSI has been provided accurate well information in determining taxable services.

X Thelma

**CUSTOMER AUTHORIZATION SIGNATURE**

Ed 12/15  
CC#15668



# CEMENT TREATMENT REPORT

Customer:	Thomas L. Spring	Well:	Warne Templin #1-29	Ticket:	ICT2790
City, State:	Greenwood Village, CO	County:	Kiowa, CO	Date:	11/18/2019
Field Rep:	Tom Spring	S-T-R:	Sec 29 - T20S - R48W	Service:	Cement - PTA

Downhole Information		Calculated Slurry		Product	% / #	#
Hole Size:	in	Weight:	13.8 # / sx	Class A	60.00	4512
Hole Depth:	ft	Water / Sx:	6.89 gal / sx	Poz	40.00	2368
Casing Size:	4.5 in	Yield:	1.42 ft <sup>3</sup> / sx	Gel	4.00	275
Casing Depth:	4500 ft	Bbls / Ft.:		CaCl		
Tbg:	2.375 in	Depth:	ft	Gypsum		
Depth:	1275 ft	Annular Volume:	bbls	Metso		
Tool / Packer:		Excess:		PhenoSeal		
Depth:	ft	Total Slurry:	20.2 bbls	Flo Seal		
Displacement:	4.9 bbls	Total Sacks:	80 sx	Salt (bww)		
					Total	7,155

TIME	RATE	PSI	BBLs	REMARKS
7:00				Call out
9:30				Depart yard
11:55				Arrive on locn.
12:00				JSA, discuss moving on, spotting & rig-up of equipment
12:05				Move on, spot & rig-up equipment
12:20				Rig-up complete
12:25	3.0			Load hole w/ fresh water
12:39		45.0	40.0	Stop pumping
				Plug #1 1275' - 1032'
12:42	2.0	25.0	3.9	Mix & pump 15sx cement slurry @ 13.8ppg. Y - 1.42cuft/sk; MR - 6.89g/sk
12:44	2.0	25.0	3.9	Displace w/ fresh water
12:46				Stop pumping
12:50				Rig POOH w/ tbg to surface
13:20				Tbg @ surface
13:30				Nipple up to 4.5" casing
13:35	2.0	25.0		Pump H2O ahead
13:39			5.0	Stop pumping
13:42	3.0	50.0	13.2	Mix & pump 50sx cement slurry w/ 3% CCI2 @ 13.8ppg. Y - 1.42cuft/sk; MR - 6.89g/sk
13:47	3.0	125.0	3.9	Displace w/ fresh water
13:49				Stop pumping. WOC 1hr
15:00				RIH w/ sandline to tag cement.
15:05				Tagged cement @ 250'
15:15	2.0		2.0	Plug @ surface w/ 15sx cement slurry @ 13.8ppg
15:25	2.0		2.0	Plug backside w/ 15sx cement slurry @ 13.8ppg
15:30				Shutdown. End Job
15:35				Wash-up pumps & lines to pit
15:45				JSA, discuss rigging down & racking up of equipment
15:50				Rig down & rack up
16:10				JSA, discuss journey management
16:15				Depart locn
				Thanks for calling Hurricane Services Inc

CREW		UNIT	SUMMARY		
Cementer:	Scott Green	74	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael Rebarcek	266	2.375 bpm	49 psi	74 bbls
Bulk #1:	John Polley	181 / 256			
Bulk #2:					