COPELAND
Acid & Cement

FIELD ORDER № C 42922

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE Sept 17 20 14

IS AUTHORIZED BY: Day Service Pro
(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease Klimmer Well No. SWD Customer Order No. _____

Sec. Twp. Range _____ County McPherson State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED _____ By _____
Well Owner or Operator Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	1	Pump Truck Service		950.00
	155 sk	60-40-4 Poz @ 10.44/sk		1618.30
	4 gal	C-37L Friction Reducer @ 27.50/gal		110.00
	1	4½ wiper plug		60.00
	46 mi	Inc. Pump Truck Mileage @ 4.00/mile		184.00
	155 sk	Bulk Charge @ 1.25/sack		193.75
	313 TM	Bulk Truck Miles @ 1.10/ton-mile		344.30
		Process License Fee on _____ Gallons		
		TOTAL BILLING		Billed

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Dan M

Station Buckner _____
Well Owner, Operator or Agent

Remarks Kimmer Dwg

NET 30 DAYS

COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. 1

Date 9/17/14 District Burrton F. O. No.
Company Crystal Rock
Well Name & No. Aimee SWD
Location Field
County McPherson State Ks

Casing: Size Type & Wt. Set at ft.
Formation: Perf. to
Formation: Perf. to
Formation: Perf. to
Liner: Size 4½ Type & Wt. Top at ft. Bottom at 2845 ft.
Cemented: Yes/No. Perforated from ft. to ft.
Tubing: Size & Wt. Swung at ft.
Perforated from ft. to ft.

Open Hole Size T.D. ft. P.B. to ft.

Type Treatment:	Amt.	Type Fluid	Sand Size	Pounds of Sand
Bkdown	Bbl./Gal.			
	Bbl./Gal.			
	Bbl./Gal.			
	Bbl./Gal.			
Flush	46½ Bbl./Gal.			

Treated from ft. to ft. No. ft.
from ft. to ft. No. ft.
from ft. to ft. No. ft.

Actual Volume of Oil/Water to Load Hole: 46 Bbl./Gal.

Pump Trucks. No. Used: Std. 323 Sp. Twin
Auxiliary Equipment Bulk Truck 322
Packer: Set at ft.
Auxiliary Tools
Plugging or Sealing Materials: Type 155 sack 60-40-4% Poz
4 gal Friction Reducer Gals. lb.

Company Representative Treater

TIME a.m./p.m.	PRESSURES Tubing	PRESSURES Casing	Total Fluid Pumped	REMARKS
11:45				On loc. JSA Landing line pull perks out of road
:				Rig up
:				
12:30				Start water to load 4½ Had trouble with water
:				truck truck in Sedgwick
12:50			46 Bbls	Csg loaded start pump break circ on 5½ annulus
:				mix 4 gal C-37L in 14 Bbls water.
:	50#		0	Start mixing cem down hole Send truck truck for water
:	350#		28 Bbls	Slurry ann 125 sacks good circ Stop mixing
:				Shut the well Knock off wash up truck
1:10	Vac		0	Launch wiper plug on Vac
:	50		11½	Catch pressure 3½ BPM Rate @ 50#
:	300		20 Bbls	2½ BPM @ 300
:	350		25 Bbls	2½ BPM 350
:	1000/~~950~~		35 Bbls	2 BPM @ 1000
:	1200/~~950~~		40 Bbls	2 BPM @ 1200 slow pump down 1½ BPM @ 350
:			46 Bbls	1 BPM land plug @ 1800# still had good circ on
:				5½ only colored water Shut in 4½
:				Tie on 5½ load hose w/ cement
:			0	Start mixing cem down hole 4.8 sack Slurry
:		50	3 Bbls	1½ BPM @ 50# go to 5.4 sack Slurry
:		500	5½ Bbls	1 BPM 500 shut down holding 150
2:15			6 Bbls	Pump extra ½ Bbl shut 5½ in
2:30				Wash up tear down left loc.