



FIELD ORDER N° C 46505

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

DATE Oct 26 20 18

IS AUTHORIZED BY: Berna Pop (NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease Lewis Well No. 440 Customer Order No. _____

Sec. Twp. Range _____ County Greenwood State K.

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 _____ Agent
Well Owner or Operator

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	1	Pump down Pon liner		950. ⁰⁰
	130 sacks	60-40 5/8 Poz @ 10 ⁷⁵ /sack		1397. ⁵⁰
	1	4 1/2" wiped ply		60. ⁰⁰
	90 miles	1 way miles @ 4 ⁰⁰ /mile		360. ⁰⁰
	130 sacks	Bulk Charge @ 12 ⁵⁰ /sack		162. ⁵⁰
	503 ¹²	Bulk Truck Miles @ 110 ⁰⁰ /ton mile		553. ⁴¹
		Process License Fee on _____ Gallons		
			TOTAL BILLING	

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 [Signature]

Station Burlington

Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS



TREATMENT REPORT

Acid Stage No. 115

Date: 10/24/18 District: Bureau F. O. No. _____
 Company: Beck Per
 Well Name & No.: Lewis 40
 Location: _____ Field: _____
 County: Greenwood State: Pa

Casing: Size 5 1/2 Type & Wt. _____ Set at _____ ft.
 Formation: _____ Perf. _____ to _____
 Formation: _____ Perf. _____ to _____
 Formation: _____ Perf. _____ to _____
 Liner: Size 4 1/2 Type & Wt. 10.1 Top at 500 ft. Bottom at 1000 ft.
 Cemented: Yes/No. Perforated from _____ ft. to _____ ft.
 Tubing: Size & Wt. _____ Spung 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: _____ 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: 45 (Bbl./Gal.)
 Pump Trucks. No. Used: Std. 923 Sp. _____ Twin _____
 Auxiliary Equipment _____
 Packer: _____ Set at _____ ft.
 Auxiliary Tools _____
 Plugging or Sealing Materials: Type 130 sacks 60-70-2 3/4 Poz (Gals. _____) (lb. _____)

Company Representative _____ Treater: John Y

TIME a.m / p.m.	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
11:15				On location lines is being handled
:				work truck to go in & Rigged up. Rig up to cement
:				line
12:40			0	Take truck on locatn. w/ salt water to load 4 1/2
10:40			45 BBL	Ca ₂ bonded pressure not hold 1500# 2000# then 2500#
1:00				Hold for 10 min call in Rig up unit to run 2 1/2 tub
:				exact tally run in, well showing over gas in hole. I
:				got 30+ spuds in well stopped pumping rig up
:				w/ly stopper rubber 1st time didn't work
:				second time rubber hold back circ on 5 1/2
2:00				Pull tub back out, install plug launcher
:				Take truck back on loc with fresh water
3:25			0	Time on 4 1/2 feet setting
:		1250	3 BPM	3 BPM to load. 3 BPM @ 1250#
:		1200	4 BPM	Back circ on assembly of 4 1/2 5 1/2
:		1200	10 BPM	3 BPM @ 1200# good circulation
3:30		1100	0	Start mixing going slow hole @ 3 1/2 BPM @ 1100#
:		750	34 BPM	130 sacks mixed still good circ. 3 1/2 BPM @ 750
:		500	0	launched wiper pin
4:00		1250	7 BPM	Catch pressure still good circ 3 1/2 BPM 1250 show
:		750	8 BPM	2 1/2 BPM @ 750 good circ
:		1000	17 BPM	2.3 BPM @ 1000#
:		1500	19 BPM	2 BPM @ 1500 have cement collar @ surface
:			20 BPM	Cement cement to surface
:		1500	28 BPM	1.5 BPM @ 1500# pressure still rising good circ.
:		1750	32 BPM	3/4 BPM @ 1750
:		2100	36 BPM	Stopped @ 3 BPM @ 2100#
4:15		2550	38 BPM	3 BPM looked up 2500 stop pump
4:20		2000		only fell back 500# stop pump walk by 2500# going
:				no circulation on 5 1/2 shut in
4:45				Wash up back up left location
:				Cement @ 2500