



NEW WELL

FIELD ORDER N° C 46588

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

DATE 2 ~~8~~ / 15 / 19 _____ 20____

IS AUTHORIZED BY: Beor Petroleum (NAME OF CUSTOMER)
 Address _____ City _____ State _____
 To Treat Well As Follows: Lease Hogan Hogan Well No. Z Customer Order No. _____
 Sec. Twp. Range _____ County Edwards 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 _____ Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
2	45	milease pump truck	4.00	180.00
	45	milease pickup	2.00	90.00
2	2	Pump Charge - Co-s string	1600. ^{00/}	3,200.00
2	425	60/40 pot. 2% gel.	10. ^{75/}	4,568.75
2	2,550	salt	.25	637.50
	2,150	Gilso-ite	.75	1,612.50
2	100 #	C-12	6.00	600.00
	300 #	C-37	4.00	1,200.00
2	300 #	C-41p	3. ^{75/}	1,125.00
2	1	Patchings Head Rental		250.00
2	9	5 1/2" Turbo Centralizers	85. ^{00/}	765.00
2	3	Baskets	155. ^{00/}	465.00
2	1	5 1/2" float shoe w/ auto-fill		355.00
2	1	DV Tool w/ pluss		2,450.00
2	600	Mud flush	.75	450.00
2	533	Bulk Charge	1. ^{25/}	666.25
2		Bulk Truck Miles 21.4T x 45m = 963Tm x 1. ^{10/}	1. ^{10/}	1,059.30
		Process License Fee on _____ Gallons		19,674.30
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 Nelma W.

Station G.D

Dict S.
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS



TREATMENT REPORT

Acid Stage No. _____

Date 2/15/2019 District GB F.O. No. C46588
 Company Bear Petroleum
 Well Name & No. Hogan #1
 Location _____ Field _____
 County Edwards State KS

Casing: Size 5.5" Type & Wt. 15.5# Set at _____ ft.
 Formation: _____ Perf. _____ to _____
 Formation: _____ Perf. _____ to _____
 Formation: _____ Perf. _____ to _____
 Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ 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 _____ Bbl./Gal. _____

Treated from _____ ft. to _____ ft. No. ft. 0
 from _____ ft. to _____ ft. No. ft. 0
 from _____ ft. to _____ ft. No. ft. 0

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

Pump Trucks. No. Used: Std. 365 Sp. _____ Twin _____
 Auxiliary Equipment 360/310
 Personnel Nathan-Greg-Mike
 Auxiliary Tools _____
 Plugging or Sealing Materials: Type _____

_____ Gals. _____ lb.

Company Representative Dick S. Treater Nathan W.

TIME a.m./p.m.	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
5:30		5.5"		On Location. Rig laying down pipe.
				TD-4900'
				Pipe-4896'
				Baffle-4853' Centralizers-1,3,5,7,9,54,56,58,60
				DV Tool-2637' Baskets-2,6,52
				Left out 3 long joints and 1 short joint
				Run pipe in and tag bottom. Pick up off bottom to put collar at ground level.
9:30				Break circulation with mud pump and circulate for 45 minutes. Pump 600gal of Mud Flush.
10:20				Mix 200sk 60/40poz 2%gel .25%C-12 .75%C-37 .75%C-41p 12% Salt 5#/sk Gilsonite.
11:00				Wash out pump and lines. Displace with 115.5bbls at 6.5bpm-800# Plug landed and 1000# Release pressure and open DV Tool. Circulate for 1 hour.
12:00				Plug Rat Hole with 30sk and Mouse Hole with 20sk.
12:10				Mix 175sk 60/40poz 2%gel .25%C-12 .75%C-37 .75%C-41p 12% Salt 5#/sk Gilsonite.
12:30				Displace with 62.7bbls at 6.5bpm-500# Plug landed at 800# Pressure up to 1300# Released pressure. DV Tool Closed.
				Thank You! Nathan W.