COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. _____

Date 12/17/2018 District GB F.O. No. C46620

Company K&N Petroleum

Well Name & No. Browning #2

Location _____ Field _____

County Rice State KS

Casing: Size 5.5" Type & Wt. _____ Set at _____ ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: Yes Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. 2" 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-Tim-Duane

Auxiliary Tools _____

Plugging or Sealing Materials: Type _____

_____ Gals. _____ lb.

Company Representative Kyle N. Treater Nathan W.

TIME	PRESSURES		Total Fluid Pumped	REMARKS
a.m./p.m.	Tubing	Casing		
9:00	2"	5.5"		On Location.
				Mix 150sks Common 3% Calcium Chloride with 200# Hulls at 3275'
				Pull tubing to 1250' Wait 2 hours and tag plug at 2275'
				Mix 70sks Common 3% Calcium Chloride at 1250'
				Wait 2 hours and tag plug at 710'
				Mix 170sks 60/40poz 4% gel at 305' Circulated cement to surface out
				casing and surface.
				Top off with 5sks.
				Thank You!
				Nathan W.