COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. .....

Date 4-24-18 District Great Bend F. O. No. 46160
Company Cholla Production LLC
Well Name & No. Oelkers 1-4
Location 4-16s-19w Field
County Rush State KS.

Casing: Size 8 5/8" Type & Wt. Set at 1106' 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.
from ft. to ft. No. ft.
from ft. to ft. No. ft.

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

Pump Trucks. No. Used: Std. 320 Sp. Twin
Auxiliary Equipment 327
Packer: Set at ft.
Auxiliary Tools Duane Greg
Plugging or Sealing Materials: Type
Gals. lb.

Company Representative Treater Duane

TIME a.m /p.m.	PRESSURES Tubing	PRESSURES Casing	Total Fluid Pumped	REMARKS
130				On Loc
230			21.73	1st Plug @ 1140' w/ 50sx 60-40 Poz 4% Gel
250			14.73	2nd Plug @ 510' w/ 50sx 60-40 Poz 4% Gel
315			3.81	3rd Plug @ 60' to Surface 20sx 60-40 Poz 4% Gel
330			7.64	Cmt Rat hole w/ 30sx 60-40 Poz 4% Gel
400				Job Complete