

**F. W. MORGAN**  
GEOLOGIST

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WICHITA OFFICE 685-6361  
COYVILLE OFFICE 692-5473

Razook Oil Company  
R. F. D # 4  
Augusta, Kansas, 67010

Re: No. 2 Young  
Sec. 22-27S-5E  
Butler County, Kansas

Gentlemen:

Enclosed is my geological log on this well. On the log is all geological information gained from drilling the well. Below I have set down all porous zones carrying oil shows (and gas) found in the samples together with my appraisal and recommendations:

Kansas City

2186-89 - oolitic lime, poor porosity, poor show. Not Recommended.  
2297-2301 - oolitic lime, fair porosity, dark stain. Not Recommended.

Bartlesville

2715-23 - Sand, fine grained, fair to poor porosity, show of oil and gas., gassy. Not Recommended.  
2124-48 - Sand, medium grained, good porosity, good show of oil, gassy down to 2140. Recommended perforating upper part.  
2150-61 - Sand, fine to medium grained, speckled, good show of dark oil, no gas. Not Recommended.

Mississippian

2165-69 - Dolomite, tan, sucrose, cherty, vugular porosity, show of oil, fair, no gas. Not Recommended.

This well ran flat with your No. 1 Jacobson and 2 feet lower than aCSO well 495' north. The recommendations are based on sample appearance in this well and on results you have on other wells in the area. All depths are subject to GRN log correlation and correction.

Sincerely,

F. W. Morgan

