F.W. MORGAN
GEOLOGIST

305 S. WASHINGTON
ELDORADO, KANSAS 67042

(316) 263-0134
ELDORADO (316) 321-1463

Dec. 29, 1986

Faith Peyroleum, Inc.
R. R. # 5, Box 323
Arkansas City, Kansas, 67005

Re: No. 1 Collinson
Sec. 1-34S-3E
Cowley County, Kansas

Gentlemen:

Enclosed is my geological log on which I have plotted formation tops, critical lithology, and shows of oil and gas where found. This well ran generally flat to six or eight feet low to the No. 1 Tyler to the south and the highest well in this pool. This was true down to and including the Mississippian which was 1 foot lower than the Tyler. However there was thickening below that point so that the lower tops all ran about 40 feet low, too low to produce.

Shows of oil were found in the Layton, Cleveland, and Mississippian that are considered prospective. Layton Sand from 2638' to 2663' carried excellent shows of oil and gas with good porosity and very light stain.

Cleveland was present from 2950' to 2983'. The best porosity and oil shows were found from 2970' to 2980'. Mississippian had good porosity, staining, free dark oil, odor, etc., from 3361' to 3368'. Of all these zones the Layton holds the most promise. You will, of course, need to be guided by log correlation in perforating and testing any of the zones described above.

Sincerely,

F. W. Morgan

