F. W. MORGAN
GEOLOGIST

WICHITA OFFICE 685 - 6361 1721 PARKWOOD LANE WICHITA, KANSAS 67218 COYVILLE OFFICE 692 - 5473

Dec. 31, 1977

Watson Petroleum, Inc.
403 Hillcrest
Wichita, Kansas,

Re: Your No. 1 Kleier
Sec. 10-33S-2E
Sumner County, Kansas

Gentlemen:

Enclosed is my geological log on the No. 1 Kleier. On the log I have plotted drilling time, sample descriptions, formation tops, zones of porosity, and shows of oil.

This well had only one zone with porosity and oil shows. That is the Layton "A" Sand. The sand was reached at 2,684 feet and porous sand at 2,688 feet. From 2,692 feet to the base of the sand at 2,704 feet it was a fine grained, micaceous, porous sand with odor, free oil, and fluorescense. Dry it showed good porosity and an even, tan oil staining. The electric log calculates this interval as productive.

Since we were slightly lower than the wells to the north, the Layton "B" Sand which we found at 2,729 feet did not have any shows of oil. However, this was compensated for by the better development of porosity and oil shows in the "A".

Casing was run to test and complete the well in the Layton A"A Sand.

Sincerely,

F. W. Morgan