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GEOLOGIST

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May 8, 1979

Watson Petroleum, Inc.
403 Hillcrest
Wichita, Kansas, 67208

Re: No. 2 Heuszel
Sec. 17-35S-2E
Sumner County, Kansas

Gentlemen:

Enclosed is my geological log on which I have plotted all geological information concerning the above listed well. Structurally the well ran 5 feet higher than the No. 1 well on the Stalnaker and Layton markers and 10 feet higher on the Mississippian.

All three of the Stalnaker sands were developed. We evaluated the No. 3 sand in this well, having evaluated No. 2 and probably No. 1 in the other well. At least No. 2 and No. 3 will produce in my opinion. The Layton sand was tested by DST here and seems to be prospective, too.

This well had a much different Mississippian chert Section. The shale beds were gone, and good porosity was developed. The top 17 feet was tested, and enough gas was recovered to assure production. It ran 38 feet higher than an old gas well in the section east, 14 feet higher than well about one-half south, 36 feet higher than a well one-fourth mile northeast, 88 feet higher than 3 wells producing oil one-half mile northwest, and 178 feet higher than a dry hole one-fourth mile northwest.

Since the Mississippian was thicker in this well the Simpson sand ran low, 18 feet below No. 1. Casing was run to test the Mississippian, Layton, and Stalnaker.

Sincerely,

F. W. Morgan

