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Geologist

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Watson Petroleum
347 Colonial Place
Wichita, Kansas

Re: The No. 1 Evans
NESWSE Sec. 17-33S-5E
Cowley County, Kansas

Gentlemen:

Please find enclosed copies of my geological log. On this are plotted drilling time, lithology in column with descriptions of samples to the right, formation tops with datum, and interval and results of the drill stem test. Thus most of the pertinent information on this well is included. However, I would like to add to this information the following statements.

Structurally the well was almost exactly right regionally being a little lower than the wells to the north and east and quite a bit higher than wells (dry holes) to the south and west. In fact it might be said to be on a slight nose plunging southwest, an ideal situation for finding oil and gas trapped in the sands or chert reservoirs expected.

The Layton sand zone was found sufficiently high to produce, but the oil bearing sand apparently pinched out, for the first well developed sand came in at 2499 (see log), and it had no shows of oil. Neither did the other Layton sand members below.

The Cleveland Sand was well developed, too, but it had no shows of oil. The Cattleman Sand had slight shows of oil with fluorescense and stain, but it was thin and laminated and did not constitute a reservoir. No Bartlesville Sand was present.

The Mississippian Chert appeared to have the most promise since it had vugular porosity in fresh to weathered chert, odor, free oil, and good fluorescense with gas bubbules. Unfortunately, in my opinion, the drill stem test results were negative. A taste of salt was detected in the bottom sample of the fluid recovered, and it analyzed 28,000 ppm chloride. I must, therefore, recommend plugging the well on this evidence.

Sincerely,

F. W. Morgan