

F. W. MORGAN

GEOLOGIST

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July 16, 1981

WICHITA OFFICE 685-6361

COYVILLE OFFICE 692-5473

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

Re: No. 3-A Bowlby
Sec. 2-29S-4E
Butler County, Kansas

Gentlemen:

Enclosed is my geological log on the 3-A Bowlby well. The log gives formation tops, shows of oil, porosity, and drill stem test information. This well ran about one and one-half feet higher than the No. 1 well and about flat with the Range Oil Co. No. 1 Bowlby.

The Arbuckle had a good show of oil in the top 1 1/2 feet, but the drill stem test recovered 1110 feet of fluid with 1.9% oil and the rest water. Bottom hole pressures were 1204#, equal to the Range well and to your No. 2 Bowlby. The first two feet drilled below the test were also porous and had some shows of oil. However, I am of the opinion that this is where the water came from through fractures. The Range well did not have this additional porosity.

Another 210 feet of Arbuckle was drilled. Some porosity was noted as shown on the log and with no shows of oil. Casing was run at 3307 feet so that the well may be completed as a producer or as a disposal well.

Sincerely,


F. W. Morgan

