

**F.W. MORGAN**  
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Watson Petroleum, Inc.  
403 Hillcrest  
Wichita, Kansas, 67208

Re: No. 1 Shaw  
Sec. 11-34S-3E  
Cowley County, Ks.

Gentlemen:

Enclosed is my geological log on the No. 1 Shaw. The well ran slightly lower than the No. 1 Tyler. It started off being some 4 feet low on the Iatan and gradually lost structure until it was 47' low on the Arbuckle. Most of this loss came below the Mississippian top.

Shows of oil considered to be commercial are as follows:

Layton: - 2635' to 2640' - and possibly 2645' to 2650'. The value of these shows, of course, depends on separation from water sand below.

Cleveland - 2952 - 2983 - the entire zone carried oil shows except possibly the lower part below 2971'.

Bartlesville - 3340 - 3367 - this is an unusual zone in that it is almost black in color. Porosity and oil stain was found throughout. Below 3358 the stain was darker.

Casing was run to test the sands listed above.

Sincerely,

  
F. W. Morgan

