

**T. G. WRIGHT**  
CONSULTING GEOLOGIST  
805 VICKERS - KSB&T BLDG.  
WICHITA, KANSAS 67202

January 26, 1970

SAMPLE ANALYSIS REPORT

Brunson-Spines #71 Johnson  
Johnson Waterflood, Greenwood  
County, Kansas  
Contractor: Mark Kilby  
Spud: January 12, 1970  
7" Surface Casing @ 42'  
4½" Production Casing @ 1705'  
Rotary Completion: January 16, 1970

Brunson-Spines  
800 Vickers-KSB&T Bldg.  
Wichita, Kansas 67202

Gentlemen:

As requested, I have examined samples through the Mississippian limestone penetration, and an interval in the basal Kansas City. The Kansas City section was checked for a reported "show of oil" at approximately 980 feet. I was unable to confirm this "show".

Enclosed herewith is a copy of the plotted drilling time from 840-1741 T.D.

SAMPLE DATA

ELEVATION not available

987-994 Limestone, tan crystalline, porous, possibly oolitic, no show of oil.

BASE OF KANSAS CITY 1042 (By correlation)

MISSISSIPPIAN LIMESTONE 1699

1706-12 Limestone, tan, flaky, calcitic, to tan fossiliferous. Some good porosity in fossil fragments, light oil staining.

1718-33 Dolomite and dolomitic limestone, buff, finely sucrosic, streaks of minor porosity with scattered oil staining.

1733-41 Dolomite, brown, coarsely sucrosic, good cavernous and intercrystalline porosity, scattered oil staining, some barren porosity.

From past experience in the area this well does not carry comparable reservoir conditions to others I have seen. The upper porous section is a limestone with only light staining and probably relatively low average porosities over the interval. The middle section is probably non-productive but does carry a limited amount of saturation. The lower section has adequate reservoir with some good oil staining but due to the presence of barren porosity may yield water.

Yours very truly,

T. G. Wright

TGW:wlr