March 17, 1980

GEOLOGICAL WELL REPORT
Brunson-Spines #1
Bodenhausen, SW SW NE
Section 12-T6S. - R. 19E.,
Wildcat, Atchison County, Kansas
Contractor: Alco Drilling Co., Inc.
Spud: March 11, 1980
7" Surface Casing @ 123'
Completed as a dry hole: March 14, 1980
Total Depth: 1710'

BRUNSON-SPINES, INC.
525 Fourth Financial Center
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geologic tops and an evaluation of the porosities encountered. No drill stem tests were taken and the hole was not logged electrically before abandonment.

I arrived at the location at a depth of 675 and witnessed the drilling from that point to TD1710'. Samples were examined from 12501710'TD.

Enclosed herewith is a copy of the plotted drilling time log which also includes lithology, tops and other pertinent data.

SAMPLE TOPS		
ELEVATION	1085 G.L.	(Est.)
LANSING	600	(+ 485)
BASE OF KANSAS CITY	914	(+ 171)

NOTE: No sand development throughout Hepler section.

CHEROKEE	1130	(- 45)

1235-75 Sandstone, fine, micaceous, fairly clean, clustered, in part porous, friable. No show, no fluorescence. Sand body tight and calcareous toward base.

Cherokee (Continued)

1350-60 Sandstone, fine, clustered, fairly clean to calcareous, tight. No show.

1400-60 Sandstone, light gray, medium fine, clustered, clean, becoming coarser and cleaner with excellent porosity, loose to loosely cemented sandstone and fine and dirty toward base. None of the section carrying shows or fluorescence.

1659-71 Sandstone, white, clean, clustered to loose, medium fine. Excellent porosity. No show, no fluorescence.

MISSISSIPPIAN LIMESTONE 1671 (- 586)

No porosity developed in Mississippian section penetrated.

TOTAL DEPTH: 1710'

Conclusions and Recommendations

The subject well was drilled primarily as a Hepler Sand prospect which was expected at about 950'. This sand was not encountered due to non-deposition. However several good sand reservoirs were observed in the Cherokee section, none of which gave any indication of hydrocarbon content and were not, therefore, tested by drill stem test.

In the Mississippian Limestone, we penetrated a hard, dense limestone for 39 feet in which no porosity was observed.

It was recommended that the well be abandoned as a dry hole.

Yours very truly,

T. G. Wright

TGW:wlf

DRILLING PROGRESS

3/11/80	Spud		
3/12	515'		
3/13	1268'		
3/14/80	1710	TD	D&A

BIT RECORD

SMITH	F_2	125 - 1710 TD