

December 6, 1965

Re: GEOLOGICAL WELL REPORT  
Brunson-Spines #5 Schroeder,  
Approx. SE SW SE Sec. 32-21S-3W,  
Hollow-Nikkel Area,  
McPherson County, Kansas  
Contractor: Blackstone Drilling, Inc.  
13" surface casing @ 249'  
Completed as dry hole November 26, 1965  
Total Depth: 3605'

Brunson-Spines  
800 Wichita Plaza  
Wichita, Kansas

Gentlemen:

Enclosed herewith is a plotted drilling time log showing lithology and geological tops on the captioned well. I did not witness the drilling of this well, but examined samples after abandonment.

Following are the sample tops.

ELEVATION:	1460 K.B.
MISSISSIPPIAN CHAT	3142 (-1682)
KINDERHOOK SHALE	3327 (-1867)
MISENER SAND	3460 (-2000)
NO HUNTON	
MAQUOKETA	3464 (-2004)
VIOLA	3590 (-2130)
TOTAL DEPTH	3605

#### Discussion

Due to truncation at the unconformity represented by the Misener Sand, the Hunton section was removed at this location. This occurs as the fault is approached to the west.

Brunson-Spines  
#5 Schroeder  
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Structurally on the Misener Sand, which is the top of the unconformity, this well is 13 feet lower than your #4 Schroeder, one location east. This is not a true structural relationship however, since the Hunton was removed at the subject location. Had a normal Hunton section existed at the #5 it would have been the higher of the two wells.

The Mississippian Limestone section in the #5 is thicker by about 8 feet than the #4, so that on the basal Pennsylvanian unconformity the #4 location was more deeply truncated than the #5 location which is a reverse relationship to the deeper horizons aforementioned.

Yours very truly,

T. G. Wright

STATE <b>KANSAS</b>		COMPANY <b>BRUNSON - SPINES</b>	
COUNTY <b>McPherson</b>	FARM <b>SCHROEDER</b>	WELL NO. <b>5</b>	
BLOCK	SURVEY <b>SE SW SE (Approx.)</b>		
SEC. <b>32</b>	T. 36.05		
R. <b>21S. 3W.</b>	TOTAL DEPTH		
CONTRACTOR <b>Blackstone Drlg., Inc.</b>			
COMMENCED <b>11-19-65</b>			
COMPLETED <b>11-26-65</b>			
REMARKS			
<b>Samples Exam.</b>			
<b>T.G. Wright</b>			
ALTITUDE <b>1460 KB</b>			
PRODUCTION <b>D&amp;A</b>			

CASING RECORD		
13" 245' 275 SAK	10"	
	8 1/4"	
20"	6 1/4"	
15 1/4"	5 1/4"	
12 1/4"		
SHOT	QUARTS	BETWEEN
TIME RATE SCALE: 1/10" = MINUTES		



