

34-18-20E

August 29, 1973

GEOLOGICAL WELL REPORT

✓ Brunson-Spines #1 Moews ✓  
✓ SE SE SW Section 34-T. 18S-✓  
R. 20E, Wildcat, Franklin  
County, Kansas  
Contractor: B&N Drilling Co.  
Spud: August 19, 1973  
7" Surface casing @ 30'  
Completed as dry hole,  
August 22, 1973  
T.D. 1590' Rotary, GR/N Log to 1581'.

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

Gentlemen:

Listed below are the pertinent geologic tops, and an evaluation of the porosities encountered. No drill stem tests were taken but the hole was logged mechanically before abandonment. Log data is included herein.

I arrived at the location at a depth of about 350 feet and witnessed the drilling from that point to T.D. 1590'. Samples were examined from 0 - 1590' T.D.

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

G/R/N LOG TOPS

ELEVATION	1026 Gr. (From 7½' topog sheet) ✓
BASE OF KANSAS CITY	416 (+ 610)
ALTAMONT	578 (+ 522)
CHEROKEE	745 (+ 281)
LOWER SQUIRREL SAND	805-13

Sandstone, fine, dirty, bleeding black oil. Poor porosity, faint odor.

**T. G. WRIGHT DONATION**

1995

BARTLESVILLE SANDS                    1034-43 and 1098-1110.

Fine, clustered, fairly clean sandstone. No show.

MISSISSIPPIAN LIMESTONE            1168 (-142)

OSAGE                                    1246 (-220)

Good porosities, no show.

CHOTEAU                                1371 (-345)

KINDERHOOK SHALE                    1478 (-452)

CHATTANOOGA SHALE                  1496 (-470)

SIMPSON                                1522 (-496)

SIMPSON SAND                         1540 (-514)

1522-1540 Sandstone, clean, clustered to loose grains,  
medium grained, good porosity, no show.

ARBUCKLE                              1555 (-529)

1540-1555 Dolomite, tan to buff and light gray, scattered  
oolitic chert. Zones of good cavernous porosity, no show.

TOTAL DEPTH:                         1590' (Rotary) GR/N Log to 1581.

#### Conclusions and Recommendations

Structurally the subject well checked at the Base of the Kansas City about as projected, it being considered to be a relatively high well compared to tests to the east and northwest. At the Mississippian Limestone the test is considered normal to slightly high. At the Arbuckle we were a -529 as compared to a dry hole about 2½ miles southeast at -552 or 23 feet higher. This is considered somewhat higher than normal.

In the Simpson we encountered a well developed Simpson Sand which carried no shows but indicates a favorable reservoir in the area.

Since we encountered no shows considered commercial, the well was recommended abandoned as a dry hole.

Yours very truly,

T. G. Wright

BIT RECORD

Williams	W4 W	22 -	700	
Williams	W3SC	700 -	1176	
Button	(repaired)	1176 -	1438	
Button	(repaired)	1438 -	1590	TD

DRILLING PROGRESS

8-19-73	Spud		
8-20	700		
8-21	1365		
8-22	1590	TD	D&A