April 3, 1975

WRIGHT DONATION

GEOLOGICAL WELL REPORT
Gear Operating Co. #1 H. Smith
NW NW SE, Section 30-T19S-R.14E
Coffey County, Kansas
Contractor: Triangle Drilling Co.
Spud: March 19, 1975
8 5/8" Surface Casing @ 51'
Completed as dry hole: March 25, 1975
Total Depth: 2299'
2297 GRN in drill pipe.

Gear Operating Co.
514 Union Center
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geological tops and an evaluation of the porosities encountered. No drill stem tests were taken. The hole was logged electrically before abandonment, that data included herein.

I arrived at the location at a depth of 1400' and witnessed the drilling from that point to TD 2299. Samples were examined from 600-2299 TD.

Enclosed herewith is a copy of the plotted drilling time log from 100-2299 TD which also includes lithology, geologic tops, porous zones and other pertinent data.

SAMPLE TOPS

ELEVATION	1113 KB	(L & S)
HEEBNER	332	(+ 781)
DOUGLAS	370	(+ 743)

590-700 Sandstone, fine to medium grained, clean to fairly clean, porous, loose grained, no show.

LANSING	700	(+ 413)
KANSAS CITY	968	(+ 145)
BASE OF KANSAS CITY	1087	(+ 26)
HEPLER SANDSTONE	1126-	54

Sandstone, gray, fine to medium grained, fairly clean, fair porosity, no show.

ALTAMONT		1250 (- 137)
PAWNEE		1296 (- 183)
CHEROKEE		1380 (- 267)
L. Squirrel Sand	1424-30	Sandstone, light gray, micaceous, medium fine, fairly clean, clustered, well cemented, fair porosity, no show.
Bartlesville Sand	1573-84	Sandstone, light gray, medium fine, fairly clean, cemented, clustered, friable, fair porosity, no show.
MISSISSIPPIAN LIMESTONE		1733 (- 620)
	1782-87 &	1793-1804 Dolomite and dolomitic limestone, sucrosic, fair porosity, no show.
	1875-95	Sandstone, white, clustered, compact, clean, medium fine. Fair to good porosity, no show.
OSAGE		1895 (- 782)
CHOTEAU		1984 (- 871)
KINDERHOOK SHALE		2103 (- 990)
BASE OF CHATTANOOGA SHALE - HUNTON		2182 (-1069)
	2182-84	Chert, white, vitreous to tripolitic, scattered sand clusters, porous, no show. Scattered porous siliceous material carrying trace of free, black sticky oil, fair odor.
	2204-08	Clean, rounded, loose sand, well sorted, medium grained, good porosity, no show.
SIMPSON SAND		2243 (-1130)
	2243-85	Sandstone, medium grained, rounded to subangular, white, clean, clustered to loose grains, occasional green shale. Mostly porous, no show.
ARBUCKLE		2285 (-1172)
	2285-93	Dolomite, buff to brown and gray, very coarsely crystalline and cavernous. Good porosity, no show.
TOTAL DEPTH		2299 (Rotary) 2296 (Logged depth in drill pipe)

Conclusions & Recommendations

This well, on a regional basis, appears normal structurally on both the top of the Mississippian and the base of the Chattanooga Shale.

It would appear that at the base of the Chattanooga we have reached the point basinward where we have the Hunton Limestone at the base of the Chattanooga, however no porosity, with the exception of a thin sand about 20 feet in the Hunton, was observed.

No commercial shows of oil were encountered and it was recommended that the well be abandoned as a dry hole

Yours very truly,

T. G. Wright

TGW:wlr

BIT RECORD

SMITH	DSJ (Retip)	61 -	745	
SECURITY	S-84 (Rerun)	745 -	1738	
SECURITY	S-88 (Rebuilt)	1738 -	2299	TD

DRILLING PROGRESS

3/19/75	Spud		
3/20	561		
3/21	845		
3/22	1410		
3/23	1865		
3/24	2095		
3/25	2299	TD	D&A

STATE Kansas	COMPANY Gear Operating Co.
COUNTY Coffey	FARM H Smith — WELL NO. 1
BLOCK	SURVEY NW NW SE
SEC. 30	2299 TOTAL DEPTH
T. 19S. R. 14E.	CONTRACTOR Triangle Drilling Co.
	COMMENCED 3-19-75
	COMPLETED 3-25-75
ALTITUDE 1113 KB	REMARKS 1108 Gr. (LE'S)
PRODUCTION D&A	Geol: T. Knight

CASING RECORD

8 5/8" 51'

Scale 2" = 100'

SHOT | QUARTS | BETWEEN

TIME RATE SCALE: 1/10" = MINUTES

