

June 10, 1966

Re: GEOLOGICAL WELL REPORT

Kantor Oil Company #5 Duerksen,
C W/2 E/2 Section 5-T22S-R3W
Hollow Nikkel Pool
Harvey County, Kansas
Contractor: Blackstone Drilling, Inc.
Spud: May 28, 1966
13" surface casing @ 295'
Completed as dry hole: June 9, 1966
Total Depth: 3580'

Mr. Joe Kantor
Kantor Oil Company
1720 First National Bank
Tulsa, Oklahoma

Dear Joe:

Listed below are the pertinent geological tops and an evaluation of the porosities encountered below the Mississippian in the captioned well. No drill stem tests were made and the hole was not logged electrically before abandonment.

I arrived at the location at a depth of 3380 feet and witnessed the drilling from that point to 3580 TD. Samples were examined from 3100-3580 TD.

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

Elevation:	1464 KB (Est.)
Mississippian "chat"	3153 (-1689)
No shows of oil.	
Kinderhook Shale	3371 (-1907)
Misener Sand	3555 (-2091)
Hunton	3558 (-2094)
3560-80 Dolomite, tan to gray, medium to coarsely crystalline, excellent cavernous and intercrystalline porosity, no show of oil.	
Total Depth	3580

Conclusions and Recommendations

This well is low structurally at the top of the Hunton when compared to adjacent producing wells. This situation exists due to the apparent crossing of a fault at some point within the Kinderhook Shale since this formation thickened about 60 feet in less than $\frac{1}{2}$ mile. Structurally at the top of the Mississippian "chat" and at the top of the Kinderhook Shale the well checked normally with adjacent producers.

Since the Hunton carried no shows due to its low structural position and no shows of economic importance were observed in the Mississippian it was recommended that the well be abandoned as a dry hole.

Yours very truly,

T. G. Wright

TGW:ml

Enclosure

Bit Record

Hughes	OWVJ	Retip	295- 980'
Hughes	OWLT	Retip	980-1285'
Reed	YH		1285-2045'
Security	M4NJ		2045-2120'
Reed	YSI		2120-2530'
Reed	YSIR		2530-2745'
Reed	YSIR		2745-2975'
Reed	YSIR		2975-3180'
Button Bit	Rerun		3180-3280'
Reed	YHG		3280-3348'
Reed	YTL		3348-3580' TD

Drilling Progress

5-28	Spud
5-29	SD 295'
5-30	SD 295'
5-31	SD 295'
6-1	SD 295'
6-2	765'
6-3	1525'
6-4	2045'
6-5	2380'
6-6	2745'
6-7	3050'
6-8	3310'