

November 17, 1965

Re: GEOLOGICAL WELL REPORT  
Kantor Oil Co. #4 Duerksen  
C E/2 E/2 W/2 Sec. 5-T22S-R3W  
Hollow-Nikkel Pool,  
Harvey County, Kansas  
Contractor: Blackstone Drilling, Inc.  
Spud: November 3, 1965  
13" casing @ 270'  
8 5/8" casing @ 601'  
5½" oil string  
Rotary Completion: November 10, 1965  
Total Depth: 3444'

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

Dear Sir:

Listed below are the pertinent geological tops, and an evaluation of the porosities below the Mississippian. No tests were taken and no electric log was run before the hole was cased.

I arrived at the location at a depth of 3420 feet and witnessed the drilling to 3444 feet, total depth.

Enclosed herewith is a copy of the plotted drilling time log from 3100 feet to total depth, which also includes lithology and other pertinent data.

Geological Tops

ELEVATION:	1460 K.B.
MISSISSIPPIAN CHAT	3136 (-1676)
3165-70	Chert, white, tripolitic, porous. Only minor, scattered oil stains.
KINDERHOOK SHALE	3308 (-1878) (-1848)
MISENER SAND	3432 (-1972)

D. O. WRIGHT DONATION

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HUNTON  
3440-44

3433 (-1973)  
Dolomite, tan, coarsely crystalline. Excellent cavernous and intercrystalline porosity, good oil staining

TOTAL DEPTH 3444'

#### Conclusions and Recommendations

This well is considerably higher than anticipated on the top of the Hunton, being 48 feet higher than your #3 Duerksen. The quality of the show is good and the porosity excellent. It was recommended that the production casing be landed at, or near, 3437 feet.

Yours very truly,

T. G. Wright



Kantor Oil Company  
#4 Duerksen

Bit Record

Smith	D1G	270- 955
Smith	SV1 (retip)	955-1345
Smith	DT2G "	1345-1825
Security	M4N "	1825-2100
Security	M4N "	2100-2475
Reed	YMR	2475-2730
Reed	YSIR	2730-2875
Hughes	OWVI	2875-3180
Reed	YHWG	3180-3252
Reed	YLG	3252-3327
Reed	YTL	3327-3444 TD