

October 31, 1966

GEOLOGICAL WELL REPORT

Kantor Oil Co. #5 Nikkel,
C s/2 SW SW Section 8-T22S-R3W,
Hollow-Nikkel Pool
Harvey County, Kansas
Spud: October 24, 1966
13" surface casing @ 298
5½" production casing @ 3410
Rotary Completion: October 30, 1966
Total Depth: 3432'

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

Dear Sir:

Listed below are the pertinent geological tops from the Mississippian Limestone downward. Samples were examined from 3140-3432 TD. The hole was not logged electrically and notdrill stem tests were taken.

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

ELEVATION 1460 KB (Estimated)

MISSISSIPPIAN "Chat" 3155-(-1695)
No zones of merit.

KINDERHOOK SHALE 3298 (+1838)

MISENER SAND 3398 (-1938)
3398-3408 Sandstone, medium grained, clean, clustered, cemented to porous, in part pyritic. Possible scattered, light oil staining.

NOTE: Although the quality of the "show" is not impressive, there is evidence of streaks of good porosity within

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the sand body. It is recommended that consideration be given to testing the Misener Section before the well is abandoned.

HUNTON 3408 (-1948)
3408-24 Limestone, cherty, chalky to calcitic, non-porous.
3423-32 Dolomite, tan, coarsely crystalline, good cavernous and intercrystalline porosity in streaks, good oil staining, fair odor.

TOTAL DEPTH 3432 (-1972)

Conclusions and Recommendations

The subject well is located between two abandoned producing wells. The structural relationship between this well and the former producers is normal. The quality of the "show" is relatively good and with the estimated Hunton thickness of 30 feet, there is a potential pay section below present total depth.

It was recommended that production casing be landed at a point between 3415 and 3420.

Yours very truly,

T. G. Wright

TGW:gld

Mr. Joe Kantor
Kantor Oil Co.
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Bit Record

Security	M4N	Retip	540-- 865'
Reed	YHG	Retip	865-1135'
Security	S4J	Retip	1135-1660'
Hughes	OWJ	Retip	1660-1920'
Security	M4N	Retip	1920-2165'
Security	M4NGJ	Retip	2165-2465'
Security	M4L		2465-2795'
Security	M4N		2795-3162'
Reed	SC4GJ		3162-3255'
Security	M4N		3255-3432'

Drilling Progress

10-24	Spud
10-25	700'
10-26	1690'
10-27	2590'
10-28	2825'
10-29	3199'
10-30	3432'