

July, 1942.

National Refining #5-D Reinhardt,
SE NE, Sec. 19-14S-14W,
Elevation ~~1000'~~ ✓

1854 DF P
LLS

Pennsylvanian conglomerate 3264-3289'

3264-3283 Red shale, nodular limes, coarse sand, and rounded and stained chert fragments. Sand is both included in sediments and bedded in thin layers. Included sand is present in limes as high as 3258'.

3283-3289 Sand, coarse, made up entirely of quartz derived from Pre-Cambrian, mainly from quartzite. Apparently clean and well-sorted. Shows oilstain.

Remarks: There is no indication of the type of pre-Pennsylvanian which underlies the sand from 3283-89'. If this hole were an isolated wildcat, the Pre-Cambrian-derived material would suggest a Pre-Cambrian terrain, either here or close by. The map picture indicates that the nearest outcrop of the Pre-Cambrian was about one and one-half miles to the northeast. Another explanation, based on the map picture, is a topographic low, possibly a channel, on the Pre-Boyce dolomite just at the foot of a north-facing Boyce sand scarp.

ML and RFW

BOND
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