March, 1942.

Cities Service #1 Muir,
SW NW, 34-5S-21W,
Elevation 2265' DF (Printed)
Rotary samples.

Pennsylvanian conglomerate None.

Arbuckle Top 3697' Penetration 52' Sub-sea, minus 1432'

3697-3712? Everleigh dolomite, fine to medium, white, glauconitic, sandy. Little evidence of porosity. No oilstain.

3712-3749 Reagan sand. Top between 3708' and 3720' and can not be determined exactly because of poor samples. Sand medium to coarse, mainly friable. The samples from 3737' to 3749' are very poor and do not give an adequate picture of the sand. Coarse loose sand is present is small quantity through this interval and is believed to be the material which was drilled.

Pre-Cambrian Top 3749' -1484'

3749-3788 Granite, coarse-grained. Pink feldspar, quartz, and biotite. Degree of weathering is slight.

Remarks: Occasional clusters of well-cemented, oil-stained sand were seen in the samples below 3720'. The source of these was not determined but their distribution suggested contamination.

ML