

September, 1936.

Gresick
Morgan and Flynn #1 ~~ELMIRK~~,
NW NW SE, 25-18S-16W.
Elevation 1928'

Pennsylvanian conglomerate ~~3506~~ 3506-? The point 3506'
is corrected down on basis of 3500' equals
3508'.

3506-3508 Clay shales with included cherts and fine sand
grains.

3508-3510 Clay shales. Also rare loose sand and some
consolidated clusters.

3510' This is the deepest sample in our files.

3510-3537 No samples.

Samples from 3537-3541' were collected from flow line and
were brought in by Morgan, of Morgan and Flynn. No cuts
were retained by us because the samples were very small.

It is questionable if they are representative.

3537-3538 Sand, quartzitic; with rare quartzose chert.

3538-3539 Penn. shale with about 20% loose coarse sand.

3539-3541 Quartzitic sand.

3541-3582 No samples.

The samples from 3537-3541' could be interpreted as:

1. Pennsylvanian conglomerate
2. Pre-Cotter sand.
3. Pre-Cambrian quartzite.

The sample evidence does not appear convincing for any of these
interpretations.

The position of the well in relation to other holes nearby suggests
that basal Pennsylvanian sand lies on Pre-Cotter sand and that gas
comes from the Pennsylvanian sand.

Map as highly questionable Pre-Cotter.