

Tidewater Associated Oil Company
 Delaware City

De 52-2

Driller: Layne-New York

Elevation: 63 feet

Test Hole #2

<u>Depth</u>	<u>Description</u>
6 - 12	brown medium to coarse, clean sand, some small pebbles; grains are subrounded; few black minerals.
12 - 28	gray and brown clay with some rounded pebbles.
28 - 43	gray-brown, fine and medium, some coarse sand with some silt and grit; mica.
<u>Crossw.</u> 43 - 144	gray silt with grit; small pieces of fossilized plant-material; mica; many black minerals.
144-220	variegated clay, pink, gray; clay, pyrite.
220-253	light reddish-brown silt with some glauconite.
253-259	light buff, nearly white, very clean, fine to medium, well sorted sand; some brown clusters of quartz grains; glauconite.
259-286	red clay (silt).
286-346	pinkish-gray silt.
346-377	pinkish-brown gray mostly coarse sand, with some silt; not a clean sand; fossilized plant material; grains very often stick together; a little glauconite.
377-383	pinkish-white fine to medium sand with considerable silt; a few grains of glauconite; few black minerals.
383-419	red and gray variegated silt with some medium sand; some glauconite.
419-431	pinkish-white, fine, well sorted clean sand; a little glauconite; few black minerals.
431-470	pinkish silt.
470-500	pinkish-white, fine, well sorted, clean sand with brown medium quartz grains; a few pieces of glauconite and few black minerals; a little grit; a few pebbles.
500-505	no sample, clay according to driller.
505-523	pinkish-gray fine sand, with considerable silt; some coarser grains; some bigger pieces of black fossilized plant material.
523-537	pinkish-gray silt; pyrite.
537-547	pinkish-white, rather well sorted, clean, medium and some fine sand with a lot of brown oxydized clusters of fine grains; a few grains of glauconite.
547-575	pinkish-gray silt and fine sand.
575-600	gray and red variegated silt, with a little fine sand.
600-654	red and light gray variegated clay with some pebbles.
654-662	white, clean, well sorted, primarily coarse, some fine sand; brown, oxydized, rounded clusters of fine quartz grains; no glauconite; very fine black minerals.

PLEISTOCENE

Crossw.

PACIFICAN

12
144
X
101

144
43
101

Weathered zone

see el. log Dc 52-34

Dc 52-2

- 662-714 pinkish-gray silt with some sand and some black fossilized plant material.?
- 714 gray-brown silt and fine to coarse sand, with some small pebbles.
- 714-772 pinkish-gray silt with some fine to coarse sand; some grit and small pebbles.
- 772-775 brownish-gray coarse grains; black mica, quartz, etc., decomposed hard rock?
- 775-787 red and light gray variegated clay.
- 787-789 pinkish, gray silt, with some coarser grains; a lot of black mica and other minerals.
- 789-791 variegated pink and white clay.
- 791 pinkish-gray, silt with a lot of coarser black mica; pieces of decomposed rock, like a schist or gneiss.
- 815 gray brown decomposed rock; many different minerals.