

Samples washed  
Nearly all sand  
acc. to sample 5!

5 A + B

DC 53-31

Tidewater Oil Co.  
Delaware City  
Testhole L 5  
Elevations

Drillers: Layne  
Dates: July 19, 1954

Sample log

- 3 - 6 Light buff, well sorted, clean medium grained sand; grains are sub-angular; some large mica flakes; few black minerals.
- 6 - 23 Buff, well sorted, medium grained sand, with very little silt; grains are sub-angular to subrounded; very few black minerals; some larger mica flakes
- 23 - 25 Light buff, hard silt with pebbles; some mica.
- 25 - 30 Light brown, well sorted, fine, clean sand, with black minerals and mica flakes; a little glaucconite.
- 30 - 43 Buff, well sorted, medium, clean sand; very few black minerals; no glaucconite.
- 43 - 81 Light buff, medium, well sorted, clean sand; few black minerals; no glaucconite.
- 81 - 94 Buff, medium, well sorted, clean sand; few black minerals; no glaucconite.
- 94 - 99 No sample - Clay (rig)
- 94 1/2 - 99 Light gray, very fine sand, well sorted, clean; glaucconite, sub-bit.
- 99 - 108 Buff, well sorted, fine, clean sand; some small grains of glaucconite.
- 108 - 115 Light buff, well sorted, coarse clean sand with a lot of larger pieces of black plant material.
- 115 - 124 Light buff, well sorted, medium, clean sand; very few black minerals; no glaucconite.
- 124 - 143 Light buff, well sorted, very coarse, clean sand; some smaller grains; a few pieces of black plant material; few black grains; and glaucconite.
- 143 - 157 Light gray, nearly white, well sorted, fine, clean sand with a little grit and small pebbles; some glaucconite.
- 157 - 170 Light gray to white sand, size varying from fine to pebbles; very many pebbles and grit which is rather angular; some black plant material; no glaucconite.
- 180 - 193 Light brown sand, varying in size from fine to pebbles, same as last sample, but with a little silt, more fine to medium sand than the other sizes; no glaucconite; some black plant material.

Tidewater Oil Co.; Delaware City; Testhole 15; Driller, Layne; July 19, 1954.

- 197 - 207 Sand, but light gray, larger pieces of fossilized plant material.
- 219 - 228 ~~Variagated silt, fossilized plant material.~~
- 228 - 243 Very light buff, well sorted, clean fine sand, with many large pieces of fossilized plant material; a few pieces of glauconite.
- 263 - 267 White to light buff, clean, fine to medium, well sorted sand; some black plant material.
- 287 - 291 1. Light brown, fine, well sorted sand  
2. Variagated silt.
- 291 - 332 Light buff, well sorted, clean, medium sand; few black minerals.
- 332 - 414 White well sorted fine, clean, sand; some clusters of grains; some black plant material; a few pieces of glauconite; few black minerals.
- 414 - 442 Buff, well sorted, medium, clean sand; some black minerals.
- 442 - 465 Light buff, well sorted, fine, clean sand; plant material.
- 465 - 548 Variagated silt and fine sand.
- 548 - 598 Light buff fine well sorted, clean sand with variagated clay pebbles; black plant material.
- 598 - 613 Hard Variagated silt.