

Tidewater Associated Oil Company
Delaware City

Driller: Schultes

Test Hole #14A
(Ditch samples)

<u>Depth</u>	<u>Description</u>
3 - 10	reddish-brown clayey fine sand.
10 - 24	reddish-brown fine to medium sand with clay and some grit.
26 - 30	buff fine sand with a little clay.
30 - 51	reddish-buff fine sand with some clay.
51 - 62	same.
62 - 73	same; amount of clay is not negligible.
73 - 83	gray coarse sand with some clay; close to clayey sand.
83 - 92	brownish-gray clayey coarse sand.
85 - 90	dark gray clayey fine sand; abundance of black minerals; some glauconite.
90 - 105	black sandy clay; sand is fine.
105 - 112	same.
112 - 134	gray clayey fine to medium sand; some glauconite; abundance of black minerals.
134 - 156	reddish-brown clayey coarse sand.
156 - 178	mostly fine, some medium and coarse sand with drilling mud.
178 - 199	reddish-gray coarse sand with drilling mud.
199 - 209	medium and coarse sand with drilling mud.
209 - 219	mostly coarse, some medium sand with drilling mud.
220	(looks like a core, not mentioned on box) white and buff with fine sand with some clay balls.
220-230	fine, mostly fine and some coarser sand with drilling mud.
230-242	medium sand with an abundance of clay(drilling mud)
242	(core) gray silt and some very fine sand.
252	(core) gray silt and some very fine sand; a little lignite.
254-262'8"	brownish-gray fine to coarse sand and grit and some clay.

DepthDescription

262'8" - 272	gray-brown fine sand with clay (drilling mud?)
270	(core) light buff, clean, well sorted, fine sand.
270 - 280	same, but with a little clay.
280 - 290	fine sand with some clay (drilling mud probably)
290 - 300	clay (drilling mud) with a little fine sand.
306'6"	fine sand with some clay (drilling mud)
310	same, but with lignite
320	reddish-gray fine sand with clay (drilling mud)
330	same with lignite.
340	same.