

Tidewater Associated Oil Company
Delaware City

DCS1-3

Driller:

Elevation:

Test Hole #9

| <u>Depth</u> | <u>Description</u> |
|--------------|--|
| 0 - 6 | no sample. |
| 6 - 12 | yellow-brown fine to medium sand. |
| 12 - 19 | brown, coarse, clean sand. |
| 19 - 28 | do. 6-64 SW sand |
| 28 - 35 | do. |
| 35 - 40 | do. |
| 40 - 42 | brown, coarse, gritty, clean sand. |
| 42 - 55 | Do. |
| 55 - 64 | Do. |
| 64 - 76 | gray - blue clay CL |
| 76 - 105 | variegated, mostly red clay, some pebbles. CL |
| 105 - 125 | gray clay, some pebbles. CL |
| 125 - 140 | gray, fine, well-sorted, clean, sand, some mica and black minerals. SP |
| 140 - 213 | gray sandy clay. CL |
| 213 - 222 | gray, fine to medium, well sorted, clean sand. SP |
| 222 - 229 | gray silt with fine sand. ML |
| 229 - 250 | white, medium to coarse, clean sand. SP |
| 250 - 262 | gray silt with fine sand. ML |

76
64
12

Test Hole #9 (continued)

Dc 51-3 (cont)

| <u>Depth</u> | <u>Description</u> |
|--------------|---|
| 262 - 271 | reddish, fine sand with some clay. |
| 271 - 282 | reddish-gray clayey sand (clay is probably drilling-mud) |
| 282 - 310 | white well sorted clean fine sand with a considerable amount of black minerals. |
| 310 - 323 | same. |
| 323 - 332 | buff fine sand with a few gray clay balls. |
| 332 - 353 | white clean fine sand. |
| 353 - 411 | light and dark gray clay. |
| 411 - 416 | white, clean, well sorted, fine sand. |
| 416 - 436 | red clay and some gray clay layers. |
| 436 - 464 | white, clean, mostly medium, some fine sand. |

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Test Hole #9 (continued)

- 464 - 475 white, clean, medium and coarse sand.
- 475 - 485 red-brown clay with some coarse grains.
- 485 - 495 red-brown clay.
- 495 - 505 red-brown clay.
- 505 - 515 red-brown clay with some coarser grains.
- 515 - 525 red-brown clay
- 525 - 533 red-brown clay.
- 532 - 542 red-brown very fine sand with considerable amount of silt.
- 542 - 552 red-brown clay.
- 552 - 555 red-brown clay and silt with white and yellow specks.
- 552 - 553 red-brown and some yellow silt and clay with some fine sand.
- 555 - 560 a little white red-brown/clay with some fine to coarse sand and grit.
- 560 - 572 red-brown clay with some sand.
- 572 - 581 red-brown clay with some sand.
- 581 - 588 greenish-buff, some red fine to coarse sand with considerable amount of silt and clay; many black minerals; some (glauconite).

?
chlorite

544
70
572