

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well             | Top | Bottom |
|------------------------|-----|--------|
| fill                   | 0   | 4      |
| black mucky clay       | 4   | 20     |
| blue clay              | 20  | 135    |
| gravelly & sandy clay  | 135 | 150    |
| fine sand              | 150 | 183    |
| gravelly blue clay     | 183 | 190    |
| sand, gravel & clay    | 190 | 210    |
| sand, dirty            | 210 | 224    |
| sand & sticky clay     | 224 | 250    |
| sloppy quick sand      | 250 | 290    |
| sloppy sand & gravel   | 290 | 293    |
| rock, limestone        | 293 | 344    |
| limestone & blue shale | 344 | 370    |
| slate & shale          | 370 | 452    |
| rock                   | 452 | 472    |
| blue shale & soft      | 472 | 500    |

## Total Depth

**500**

Casing: 4.5" GALV PIPE from 0' to 293'

Size hole below casing: 4.5"

Water from shale at 0' to 500'

Static level 100' below casing top which is 0' above GL

Pumping level 260' when pumping at 3 gpm for 21 hr(s)

Permanent pump installed at 0' on , with a capacity of 0 gpm

Driller's Log filed.

Address of well:

Add'l loc info:           Subdivision: Lake Zurich Estates

**Permit Date:**

**Permit #:**

**COMPANY** Rieke Well Drilling Co.

**FARM** Meyer, John H.

**DATE DRILLED** January 30, 1943

**NO.**

**ELEVATION** 0'

**COUNTY NO.** 00328

**LOCATION**

**LATITUDE** 42.204585

**LONGITUDE** -88.072480

**COUNTY** Lake

**API#** 1209700328 00

**16-43N-10E**

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Location source: Location from the driller

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