

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well         | Top | Bottom |
|--------------------|-----|--------|
| black top soil     | 0   | 4      |
| yellow clay        | 4   | 19     |
| light blue clay    | 19  | 36     |
| dark blue          | 36  | 52     |
| fine brown sand    | 52  | 54     |
| gravel             | 54  | 55     |
| gray sand & gravel | 55  | 59     |
| not on shale at    | 59  | 59     |

## Total Depth

**59**

Casing: 4" 11#/FT from 10' to 57'

Screen: 3' of 4" diameter 0.0299999993294478 slot

Grout: DRILL CUTTINGS from 0 to 20

Size hole below casing: 0"

Water from sand at 55' to 59'

Static level 34' below casing top which is 1' above GL

Pumping level 43' when pumping at 36 gpm for 2 hr(s)

Permanent pump installed at 42' on 10/2/1985, with a capacity of 10 gpm

Owner Address: 19009 Hakes Rd. Edelstein, IL

Location source: Location from permit

**Permit Date:** August 16, 1985

**Permit #:** 119747

**COMPANY** Hofstetter, William S.

**FARM** Smith, Harold A.

**DATE DRILLED** September 13, 1985

**NO.**

**ELEVATION** 745' GL

**COUNTY NO.** 22888

**LOCATION** 50'N line, 100'E line of SE SE

**LATITUDE** 40.919125

**LONGITUDE** -89.639718

**COUNTY** Peoria

**API#** 1214322888 00

**24-11N-7E**