

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well                 | Top | Bottom |
|----------------------------|-----|--------|
| top soil                   | 0   | 2      |
| fine to medium sand        | 2   | 31     |
| coarse sand                | 31  | 52     |
| coarse sand to fine gravel | 52  | 73     |
| limestone shelf & rocks    | 73  | 75     |
| shale at                   | 75  | 75     |

**Total Depth** **75**

Casing: 10" PVC from 0' to 55'

10" STAINLESS STL SCREEN from 55' to 75'

Screen: 20' of 10" diameter 0.05 slot

Grout: BENTONITE from 0 to 20

Static level 25' below casing top which is 0' above GL

Pumping level 46' when pumping at 650 gpm for 0 hr(s)

Permanent pump installed at 50' on 8/10/1995, with a capacity of 400 gpm

Owner Address: P.O. Box #792 Pekin, IL

Address of well: Co. Rd. #2325N

Location source: Location from permit

**Permit Date:** August 2, 1995

**Permit #:** 1254595

**COMPANY** Dirks, Michael J.

**FARM** Lindsey, William

**DATE DRILLED** August 7, 1995

**NO.**

**ELEVATION** 0'

**COUNTY NO.** 21469

**LOCATION**

**LATITUDE** 40.399059

**LONGITUDE** -89.936812

**COUNTY** Mason

**API#** 1212521469 00

**31-23N-7W**