

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well  | Top | Bottom |
|-------------|-----|--------|
| topsoil     | 0   | 2      |
| clay        | 2   | 107    |
| sand/gravel | 107 | 110    |
| clay        | 110 | 137    |
| sand/gravel | 137 | 139    |

**Total Depth** **139**

Casing: 6" SDR 21 PVC from -1' to 134'

6" SCREEN from 134' to 139'

Screen: 5' of 6" diameter slot

Grout: BENTONITE from 0 to 134

Water from gravel at 134' to 139'

Static level 30' below casing top which is 1' above GL

Pumping level 100' when pumping at 12 gpm for 2 hr(s)

Permanent pump installed at 80' on 4/21/2006, with a capacity of 12 gpm

Remarks: Driller's Estimated Well Yield 30 gpm

Owner Address: 1000 E 2518 N Rd. Ashkum, IL

Address of well: same as above

Location source: Location from permit

**Permit Date:** April 6, 2006

**Permit #:** 075-0027-06

**COMPANY** Ken Knierim/K & K Well Drlg.

**FARM** Saathoff, Shirley

**DATE DRILLED** April 18, 2006

**NO.**

**ELEVATION** '

**COUNTY NO.** 23542

**LOCATION**

**LATITUDE** 40.872896

**LONGITUDE** -87.941552

**COUNTY** Iroquois

**API#** 1207523542 00

**27-28N-14W**