

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well    | Top | Bottom |
|---------------|-----|--------|
| topsoil       | 0   | 2      |
| clay          | 2   | 6      |
| sand gravel   | 6   | 28     |
| clay w/gravel | 28  | 97     |
| sand gravel   | 97  | 113    |
| clay          | 113 | 131    |
| rock shale    | 131 | 170    |
| gray shale    | 170 | 220    |

## Total Depth

**220**

Casing: 6" PVC SDR 21 from 0' to 140'

Grout: BENTONITE from 0 to 140

Water from gray shale at 140' to 145'

Static level 80' below casing top which is 1' above GL

Remarks: estimated well yield 12-15 gpm

Owner Address: 4S487 Merrill Rd. Sugar Grove, IL

Address of well: 4S 335 Merrill Rd. Sugar Grove, IL Sugar Grove IL

Location source: Location from permit

**Permit Date:** August 20, 2004

**Permit #:**

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

**FARM** Nickels, Dennis/Binot, C. & E.

**DATE DRILLED** December 8, 2004

**NO.**

**ELEVATION** 0'

**COUNTY NO.** 35842

**LOCATION**

**LATITUDE** 41.807949

**LONGITUDE** -88.450622

**COUNTY** Kane

**API#** 1208935842 00

**4-38N-7E**