

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well      | Top | Bottom |
|-----------------|-----|--------|
| clay            | 0   | 27     |
| gray shale      | 27  | 32     |
| brown sand clay | 32  | 38     |
| gray shale      | 38  | 138    |
| lime w/ shale   | 138 | 235    |
| sandy shale     | 235 | 295    |
| lime            | 295 | 310    |
| black shale     | 310 | 315    |
| dark gray shale | 315 | 320    |

**Total Depth** **320**

Casing: 6.5" SDR 21 from -2' to 122'  
 4" PVC from 118' to 320'

Grout: BENTONITE from 0 to 120

Water from sandstone at 240' to 315'

Static level 168' below casing top which is 2' above GL

Pumping level 280' when pumping at 30 gpm for 4 hr(s)

Permanent pump installed at 280' on 5/22/2015, with a capacity of 25 gpm

Remarks: Driller's Estimated Well Yield 30 gpm

Owner Address: 21434 Oakhill Rd. Ewing, IL

Address of well: same as above

Location source: Location from permit

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**Permit Date:** May 5, 2015

**Permit #:** 055-004-15

**COMPANY** Keen, Bradley E.

**FARM** Oak Hill Genetics

**DATE DRILLED** May 22, 2015

**NO.** 1

**ELEVATION** '

**COUNTY NO.** 25111

**LOCATION**

**LATITUDE** 38.116051

**LONGITUDE** -88.762865

**COUNTY** Franklin

**API#** 1205525111 00

**4-5S-4E**