

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well                | Top | Bottom |
|---------------------------|-----|--------|
| fill                      | 0   | 4      |
| clay                      | 4   | 26     |
| brown shale & sandy shale | 26  | 136    |
| limey shale streaks       | 136 | 233    |
| sandy shale water         | 233 | 294    |
| lime                      | 294 | 310    |
| black shale               | 310 | 316    |
| dark gray shale           | 316 | 320    |

**Total Depth** **320**

Casing: 6.5" SDR 21 from -2' to 123'  
 " ? from 100' to 320'

Grout: BENTONITE from 0 to 120

Water from sandstone at 230' to 310'

Static level 165' below casing top which is 2' above GL

Pumping level 280' when pumping at 3 gpm for 4 hr(s)

Permanent pump installed at 280' on 9/12/2016, with a capacity of 25 gpm

Remarks: Driller's Estimated Well Yield 25 gpm

Owner Address: 21434 Oakhill Rd. Ewing, IL

Address of well: same as above

Location source: Location from permit

**Permit Date:** August 11, 2016

**Permit #:** 055-005-16

**COMPANY** Keen, Bradley E.

**FARM** Oak Hill Genetics

**DATE DRILLED** September 12, 2016

**NO.**

**ELEVATION** '

**COUNTY NO.** 25132

**LOCATION**

**LATITUDE** 38.114276

**LONGITUDE** -88.760605

**COUNTY** Franklin

**API#** 1205525132 00

**4-5S-4E**