

# ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

| Water Well           | Top | Bottom |
|----------------------|-----|--------|
| gray shale at 167    |     |        |
| clay yellow          | 0   | 17     |
| clay gray            | 17  | 47     |
| soil dark            | 47  | 57     |
| clay sticky gray     | 57  | 87     |
| sand & gravel        | 87  | 102    |
| clay gray            | 102 | 123    |
| sand & gravel coarse | 123 | 135    |
| coal                 | 135 | 137    |
| sand & gravel        | 137 | 165    |
| sand fine            | 165 | 167    |

**Total Depth** **167**

Casing: 16" PVC SOLVENT WELD from -2' to 143'

16" SCREEN/SS from 143' to 165'

Screen: 22' of 16" diameter 50 slot

Grout: BENSEAL T 100 from 0 to 60

Water from sand & gravel at 143' to 165'

Static level 98' below casing top which is 2' above GL

Pumping level 142' when pumping at 920 gpm for 1 hr(s)

Permanent pump installed at 147' on 6/17/2020, with a capacity of 1000 gpm

Remarks: Driller's Estimated Well Yield 920 gpm

Owner Address: 11503 ANTioch Rd Tremont, IL

Address of well: same as above

Location source: Global Positioning System verified

**Permit Date:** April 13, 2020

**Permit #:** 179-16215-2020

**COMPANY** Sauder, Steven E.

**FARM** Sauder, Merle/Nancy

**DATE DRILLED** June 12, 2020

**NO.**

**ELEVATION** '

**COUNTY NO.** 25911

**LOCATION**

**LATITUDE** 40.491950

**LONGITUDE** -89.516351

**COUNTY** Tazewell

**API#** 1217925911 00

**35-24N-4W**