

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well  | Top | Bottom |
|-------------|-----|--------|
| clay        | 0   | 24     |
| limestone   | 24  | 27     |
| shale-gray  | 27  | 28     |
| shale-black | 28  | 30     |
| coal        | 30  | 32     |
| not listed  | 32  | 300    |

**Total Depth** **300**

Casing: 6" PVC CERTA LOC from -1' to 91'

4" PVC LINER from 80' to 260'

4" SCREEN from 260' to 300'

Screen: 40' of 4" diameter 0.0625 slot

Grout: BENTONITE from 0 to 88

BENTONITE CHIPS from 88 to 91

Static level 147' below casing top which is ' above GL

Remarks: Drillers Estimated Well Yield 42 gpm

Owner Address: 4590 Urbana Rd Millstadt, IL

Address of well: same as above

Location source: Global Positioning System verified

**Permit Date:** June 16, 2018

**Permit #:** 163-636-2018

**COMPANY** Roberts, Charles Wayne

**FARM** Rafferty, James

**DATE DRILLED** October 18, 2018

**NO.**

**ELEVATION** '

**COUNTY NO.** 31482

**LOCATION**

**LATITUDE** 38.446389

**LONGITUDE** -90.043889

**COUNTY** St. Clair

**API#** 1216331482 00

**13-1S-9W**