

# ILLINOIS STATE GEOLOGICAL SURVEY

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| Water Well     | Top | Bottom |
|----------------|-----|--------|
| yellow clay    | 0   | 35     |
| gray limestone | 35  | 220    |

**Total Depth** **220**

Casing: 6" ASTM A53B STEEL from 2' to 90'

Grout: 20% BENTONITE from 0 to 90  
 PORTLAND CEMENT from 84 to 90

Water from gray limestone at 90' to 220'

Static level 69' below casing top which is 2' above GL

Pumping level 220' when pumping at 30 gpm for 1 hr(s)

Permanent pump installed at ' on , with a capacity of gpm

Remarks: Driller's Estimated Well Yield 30 gpm

Owner Address: 8587 West Council Hill Rd. Galena, IL

Address of well: 5139 North East Road Galena, IL Galena IL

Location source: Global Positioning System verified

**Permit Date:** November 17, 2011 **Permit #:** 085-032-11

**COMPANY** Thompson, Nicholas R.

**FARM** Redington, Dennis

**DATE DRILLED** November 17, 2011 **NO.**

**ELEVATION** 760' GL **COUNTY NO.** 23928

**LOCATION**

**LATITUDE** 42.496917 **LONGITUDE** -90.326528

**COUNTY** JoDaviess **API#** 1208523928 00 **19-29N-2E**