

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
top soil	0	1
red clay	1	18
hardpan gray shale	18	27
lime	27	28
gray shale w/sandstone	28	37
white sandstone	37	61
dark gray shale	61	79
limestone	79	86
blue shale	86	93
limestone	93	107
gray shale	107	161

Total Depth **161**

Casing: 8" STEEL SCH 40-23# from -2' to 15'
 24" STEEL .375 from 15' to 48'

Grout: CLAY from 0 to 15
 CEMENT from 15 to 23
 QUICK SEAL from 23 to 25
 GRAVEL PACK from 25 to 48

Size hole below casing: 8"

Water from shale & sandstone at 35' to 61'

Static level 16' below casing top which is 2' above GL

Pumping level 40' when pumping at 5 gpm for 1 hr(s)

Permanent pump installed at 0' on , with a capacity of 0 gpm

Remarks: Owner to install pump

Owner Address: R.R. #2 Box #193A Marshall, IL

Location source: Location from permit

Permit Date: January 5, 1994 **Permit #:** 023660

COMPANY Knierim, James

FARM Heatherly, Carroll

DATE DRILLED February 21, 1994 **NO.**

ELEVATION 0' **COUNTY NO.** 26044

LOCATION

LATITUDE 39.412069 **LONGITUDE** -87.828672

COUNTY Clark **API#** 1202326044 00 **10-11N-13W**