

EXPLANATION

- Drilled well
- ⊕ Driven well
- ⊕² wells Driven wells, pumped as a unit
- ⊕ Dug well
- Reported quality of water based on principal use
Mostly domestic
- USABLE UNUSABLE
- Low mineral content
- High iron content
- High sulfur content
- High salt content
- Aquifer; yield, in gallons per minute
- Depth, in feet

AQUIFER

- Qal, alluvium
- IPt, Lisman formation
- IPc, Carbonale formation
- IPt, Tradewater formation
- IPca, Caseyville sandstone
- M, Mississippian formations

YIELD

- P, power-pump installation
- H, hand-pump or bucket-bailer installation
- N, no pump or inadequate supply

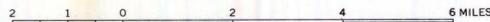
- Area 1
Most wells yield more than 50 gpm from depths of less than 150 feet. Almost all yield enough for a modern domestic supply (more than 500 gpd)
- Area 2
Most wells yield enough water from depths of less than 300 feet for a modern domestic supply
- Area 3
Most wells yield enough water from depths of less than 300 feet for a domestic supply to wells that have a bucket, bailer, or hand pump (100 to 500 gpd)
- Area 4
Most wells fail to supply enough water for domestic use from depths of less than 300 feet (less than 100 gpd)
- Area 5
The yield of wells is unpredictable because of faulting

Base maps are county highway maps and adjacent county groups may not match

AVAILABILITY OF GROUND WATER IN DAVIESS AND HANCOCK COUNTIES, KENTUCKY (COUNTY GROUP 27)

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SCALE 1:125,000



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