

ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

Water Well	Top	Bottom
Maquoketa	50	
Galena	149	
St Peter	532	
Knox	710	

Description by: M. P. Meyer **on** 7/1/1946

Description	Top	Bottom
Pleistocene System, sand and gravel; dark brown, humus	0.0	10.0
Silurian System, Edgewood Formation, dolomite, cherty, light gray, weathered, few black specks (30-50), very fine	10.0	50.0
Ordovician System, Maquoketa Formation, dolomite, argillaceous, green, few red mottled, brown speckled, fine to medium, bryozon	50.0	75.0
dolomite, argillaceous, very fine, sandy, slightly cherty, gray, green, brown speckled	75.0	85.0
shale, green, weak; little dolomite, buffish gray, black speckled, medium	85.0	95.0
shale, dolomitic, gray, weak	95.0	110.0
dolomite, partly argillaceous, gray and brown mottled, very fine to medium	110.0	120.0
shale, dolomitic, gray, weak; little dolomite, argillaceous, gray, very fine	120.0	145.0
shale, calcareous, dark brown, tough	145.0	149.0
Galena-Platteville Formations, limestone, light gray, weathered, yellow, dolomitic, lithographic	149.0	165.0
no record	165.0	360.0
samples not studied	360.0	525.0
dolomite, buff, fine, sandy	525.0	531.0
Glenwood Formation, sandstone, silty, white, very fine, medium	531.0	532.0
St. Peter formation, sandstone, white, medium to coarse, incoherent	532.0	540.0
sandstone, white, very fine to coarse, incoherent, medium coarse at base	540.0	550.0
no samples studied	550.0	685.0
sandstone, white, medium to coarse, incoherent	685.0	690.0

Permit Date:

Permit #:

COMPANY Neely & Etal

FARM Ywca Camp

DATE DRILLED July 1, 1946

NO.

ELEVATION 640' TM

COUNTY NO. 00393

LOCATION

LATITUDE 41.700577

LONGITUDE -88.348215

COUNTY Kendall

API# 1209300393 00

8-37N-8E

ILLINOIS STATE GEOLOGICAL SURVEY

Page 2

clay, sandy and silty, green, with pebbles of chert, white, translucent, oolitic and pebbles dolomitic, partly sandy, white, red, buff, extra to very fine	690.0	710.0
sandstone, white, very fine to coarse, incoherent	710.0	720.0
sandstone, silty, white, very fine to coarse, incoherent	720.0	730.0
clay, silty, sandy, green	730.0	735.0
Oneota Formation, dolomite, yellow, red, buff, fine to medium, occasionally sandy	735.0	740.0
dolomite, white, red, fine to medium; fine sandstone, white, fine compact	740.0	745.0
dolomite, white, fine to medium	745.0	755.0
dolomite, cherty (oolitic), white, fine to medium	755.0	770.0
dolomite, cherty, white, few pink, fine to medium	755.0	765.0
dolomite, white, yellow, red, fine to medium, occasionally sandy	770.0	775.0
dolomite, cherty, white, yellow, pink, fine to medium, vesicular, calcareous	785.0	790.0
Total Depth	790	

Driller's Log filed.

Survey Sample Study filed.

Sample set # 16590 0' - 790'

Received: 1/1/1947

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