

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
yellow clay	0	12
blue clay	12	35
brown & white & gray dolomite lime	35	210
dark gray lime & flint	210	250
brown & gray lime (dolomite)	250	322
shale	322	402
green shale	402	405
brown lime sandy	405	610
brown sandy lime	610	655
brown flint & lime	655	660
dark gray lime sandy	660	731
Silurian	35	
Maquoketa	297	
Galena	405	

Description by: G. H. Emrich **on** 3/1/1957

Description	Top	Bottom
till, slightly sandy, buff to yellowish buff, slightly oxidized, leached	0.0	12.0
till, sandy, buff, unoxidized, calcareous	12.0	15.0
till, slightly sandy and gravelly, buff to grayish buff, calcareous	15.0	35.0
dolomite, cherty, very silty, light buff, little light gray, very fine to fine, granular	35.0	65.0
dolomite, very silty, buff to light grayish buff, very fine to fine, granular	65.0	75.0
dolomite, silty, light gray, very fine to fine, crystalline	75.0	93.0
dolomite, silty, light buff, extra fine to fine, crystalline	93.0	103.0
dolomite, slightly silty, white to light gray, extra fine to fine, crystalline	103.0	110.0
dolomite, slightly silty, trace chert, light buff to buff, extra fine to fine, crystalline	110.0	140.0
dolomite, very silty, grayish buff to buff, very fine to fine, crystalline, slightly speckled (red)	140.0	155.0

Permit Date:

Permit #:

COMPANY Joliet Pump Co.

FARM Fairmount Subdivision

DATE DRILLED January 1, 1955

NO.

ELEVATION 635' GL

COUNTY NO. 00248

LOCATION

LATITUDE 41.561897

LONGITUDE -88.063001

COUNTY Will

API# 1219700248 00

35-36N-10E

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dolomite, silty; orange, pink, light green, light gray, very fine to fine, little medium, crystalline	155.0	165.0
dolomite, silty, light buff to light gray, little orange to pink, very fine to fine, crystalline	165.0	175.0
dolomite, silty, buff to light grayish buff, little brownish buff, extra fine to fine, little medium, crystalline, slightly speckled (black)	175.0	205.0
dolomite, slightly cherty, silty, buff, little light gray, very fine to fine, crystalline	205.0	210.0
dolomite, silty, grayish buff to buffish gray, very fine to fine, crystalline, mottled	210.0	215.0
dolomite, cherty, silty to very silty, buffish gray to grayish buff, very fine to fine, crystalline	215.0	240.0
dolomite, slightly cherty, very silty, grayish brown to brownish gray, very fine to fine, crystalline	240.0	260.0
dolomite, silty, grayish brown to brownish gray, very fine to fine, crystalline	260.0	280.0
dolomite, very silty to extremely silty, gray to dark gray, very fine to fine, crystalline, slightly speckled in lower half	280.0	297.0
dolomite, slightly silty, white to light buff, very fine to medium, crystalline, slightly speckled (black)	297.0	310.0
dolomite, slightly silty brown to light buff, very fine to medium, crystalline, speckled (black)	310.0	322.0
shale, slightly dolomitic, grayish brown to brown, weak; little shale, dolomitic, gray to brownish gray, tough	322.0	350.0
shale, brownish gray to brown, weak, little tough, laminated, slightly dolomitic	350.0	394.0
shale, light gray to light greenish gray, weak, slightly dolomitic	394.0	405.0
dolomite, slightly silty, buff to buffish gray, very fine to medium, crystalline	405.0	420.0
dolomite, calcareous, light buff to buff, very fine to medium, crystalline	420.0	429.0
dolomite, calcareous, buff to brownish buff, very fine to medium, crystalline	429.0	455.0
dolomite, as above, slightly silty	455.0	470.0
limestone, dolomitic, buff to brownish buff, very fine to coarse, crystalline, calcarenite	470.0	480.0
dolomite, very calcareous, buff to brownish buff, very fine to medium, crystalline	480.0	485.0
dolomite, calcareous, buff to light buff, extra fine to fine, crystalline	485.0	520.0
dolomite, slightly calcareous, buff, little grayish buff, very fine to medium, crystalline	520.0	535.0

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no sample	535.0	540.0
dolomite, as above	540.0	545.0
dolomite, calcareous, slightly silty, brownish buff to light buff, very fine to medium, crystalline	545.0	560.0
dolomite, calcareous, slightly silty, brownish buff to grayish buff, very fine to fine, crystalline, slightly speckled, (black)	560.0	580.0
limestone, dolomitic, slightly silty, light buff to grayish buff, extra fine to fine, crystalline, dolomitic, calcareous, slightly cherty, buff to grayish buff, very fine to fine, crystalline	580.0	590.0
dolomite, calcareous, light gray to buff, very fine to medium, crystalline	590.0	605.0
dolomite, very calcareous, light buff to buff, extra fine to fine, medium, crystalline, dolomite crystals	605.0	615.0
limestone, dolomitic, buff to light buff, extra fine to very fine, crystalline	615.0	627.0
dolomite, buff, gray, very fine to fine, crystalline	627.0	640.0
dolomite, slightly silty, buff to grayish brown, very fine to fine, crystalline	640.0	665.0
limestone, dolomitic, silty, light grayish buff to buff, extra fine to very fine, crystalline, mottled	665.0	680.0
dolomite, calcareous, slightly silty, light buff to buff to gray, extra fine to fine, crystalline	680.0	697.0
dolomite, slightly silty, brown to light gray, very fine to fine, crystalline, slightly mottled	697.0	720.0

Total Depth **731**

Casing: 10" BLACK from 0' to 42'
 8" BLACK from 302' to 411'

Size hole below casing: 8"

Static level 65' below casing top which is ' above GL

Pumping level 70' when pumping at 60 gpm for 4 hr(s)

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

Remarks: between Fairmont & Dellwood

Survey Sample Study filed.

Driller's Log filed.

Sample set # 27446 0' - 720' Received: 2/10/1956

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Owner Address: Bruce Highland Dev. ,
Address of well: 305 Dellwood Ave.
Add'l loc info: Lot: 130 S 25'
1/2 blk. E of GreenGarden
Location source: Aerial Photograph verified
Verified by: VJA on 7/8/2014

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