

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
SS #68568 (0-1450')	0	0
brown clay	0	33
#15-#40 slot sand	33	40
sandy clay	40	63
fine sand with coarser streaks	63	77
gray shale	77	87
gray soft shale	87	98
gray shale with brittle layers	98	110
gray shale	110	140
gray shale hard & soft layers	140	220
hard shale	220	240
coal layers	240	245
shale	245	300
brittle shale	300	325
gray shale	325	385
black & gry shale w/tan sandy layers	385	445
brittle gry shale w/sand lm layer/cherty	445	465
brittle gray & bluish shale	465	565
black & gray shale	565	663
dark gray limestone/dolomite	663	685
dk gray limestone w/soft shale layers	685	705
dark limestone & shale	705	715
tan limestone	715	720
(1) big crevice (est. 400 gpm w/air)	720	723
creviced tan limestone with pyrite	723	725
tan gray & white limestone	725	730
light gray limestone smooth	730	780
white limestone top of Silurian @ 780'	780	790
tan limestone	790	810
white limestone	810	845
light gray limestone smooth & hard	845	902

Permit Date:

Permit #: none

COMPANY Albrecht Well Drillers

FARM City of Elmwood

DATE DRILLED October 1, 1997

NO. 4

ELEVATION 0' GL

COUNTY NO. 25864

LOCATION

LATITUDE 40.776969

LONGITUDE -89.964790

COUNTY Peoria

API# 1214325864 00

8-9N-5E

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bl gry brittle shale w/soft gry layers	902	910
gray shale 50/50 brittle shale	910	937
gray shale soft	937	987
gray limestone	987	1002
soft gray shale	1002	1025
soft & hard gray shale	1025	1045
brittle brown shale/limestone	1045	1087
gray limestone	1087	1095
soft gray shale	1095	1100
gray limestone	1100	1112
gray & tan limestone	1112	1215
tan limestone	1215	1320
brown limestone	1320	1344
brown & tan limestone	1344	1410
white sandstone	1410	1517
gray sandstone	1517	1534
white sandstone	1534	1548
white sandstone, cemented hard	1548	1567
gray shale/limestone	1567	1572

Total Depth

1572

Casing: 10" from 0' to 1130'

Static level 175' below casing top which is 0' above GL

Pumping level 324' when pumping at 350 gpm for 12 hr(s)

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

Sample set # 68568 0' - 1450' Received: 2/1/1998

Address of well: Elmwood, IL Elmwood IL

Location source: Location from the driller

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