

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
yellow clay	0	50
gray limestone	50	140
tan limestone	140	173
tan & gray limestone	173	220
tan sandy shale	220	240
tan & gray limestone	240	347
gray limestone (5% white shale)	347	360
gray limestone	360	374
blue shale (Glenwood sandstone)	374	375
white sandstone	375	410
gray sandstone, soft	410	413
tan sandstone (St. Peter)	413	420
red, tan, white sandstone	420	427
tan sandstone	427	435
fine tan sandstone	435	472
fine red sandstone	472	490
fine red & tan sandstone	490	510
fine red sandstone	510	530
red & gray sandstone	530	590
red, gray & yellow sandstone	590	610
red & tan sandstone	610	653
tan & white shale (Oneota)	653	655
white sandstone	655	663
red & gray sandstone	663	691
red shaley sandstone	691	720
red & gray sandy dolomite	720	725
gray & red dolomite	725	745
red & gray shaley sandstone (Jordan)	745	798
white dolomite (Trempeleau)	798	810
red & gray dolomite	810	830
red & gray dolomite, shaley	830	870

Permit Date:

Permit #:

COMPANY Wehling, Wendell E.

FARM Galena, City of

DATE DRILLED January 3, 2006

NO. 7

ELEVATION 0'

COUNTY NO. 23252

LOCATION

LATITUDE 42.440270

LONGITUDE -90.460268

COUNTY JoDaviess

API# 1208523252 00

11-28N-1W

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greenish gray siltstone (Franconia)	870	952
white sandstone (Galesville)	952	970
gray & white sandy dolomite	970	990
white sandstone (hard layers)	990	1080
sandy white dolomite (Eau Claire)	1080	1090
white sandstone	1090	1175
greenish gray dolomite	1175	1230
greenish gray sandstone	1230	1258
white sandstone	1258	1282
sandy white dolomite	1282	1290
white sandstone, hard layers of dolomite	1290	1416
white sandstone, crs clean (Mt. Simon)	1416	1480
white sandstone w/crs yellow pebbles	1480	1524
red & gray sandy dolomite	1524	1527
white sandstone with pebbles	1527	1533
shaley red ss poorly sorted w/pebbles	1533	1545
red sandstone	1545	1550
tan ss w/layers of red-grn-gry siltstone	1550	1560
tan sandstone with yellow pebbles	1560	1580
red shale & green & gray siltstone	1580	1585
coarse pebbly yellow sandstone	1585	1605

Total Depth

1605

Casing: 22" STEEL 114.8#/FT from 0' to 67'
 16" STEEL 62.53#/FT from -2' to 452'

Grout: NEAT CEMENT from 0 to 452

Size hole below casing: 15.2"

Water from Mt. Simon at 1500' to '

Static level 214' below casing top which is 2' above GL

Pumping level 310' when pumping at 1575 gpm for 24 hr(s)

Permanent pump installed at 410' on 1/3/2006, with a capacity of 1100 gpm

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Remarks: PICS 08590200 #7

Owner Address: 312 1/2 N. Main St. Galena, IL

Address of well: Technical Dr.

Location source: Location from the driller

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