

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
black dirt	0	5
clay, gray lime	5	80
white lime sandy	80	165
gray lime	165	280
shale	280	335
shale lime mix	335	375
dark gray lime	375	475
tan lime	475	580
brown lime	580	825
gray lime	825	930
sandy shale white gray lime	930	1070
sandstone	1070	1165
sandy lime w/shale	1165	1195
green shale sandy lime 50/50	1195	1475
dark gray lime	1475	1575
sandy lime	1575	1640
sandstone	1640	1705
sandy lime, some shale	1705	1725

Total Depth **1725**

Casing: 24" 0.500" STEEL from 0' to 50'
 18" 0.375" STEEL from 0' to 1065'
 14" 0.375" STEEL from 1359' to 1520'

Grout: NEAT CEMENT from 0 to 15
 NEAT CEMENT from 0 to 1065

Water from sandstone at 1390' to 1545'

Static level 540' below casing top which is 0' above GL

Pumping level 898' when pumping at 1196 gpm for 37 hr(s)

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

Remarks: driller's est well yield 1200 gpm

Permit Date: **Permit #:** IEPA 0991FY2006

COMPANY Hall, Edward - Web Well & Pump

FARM Manhattan, Village of

DATE DRILLED July 1, 2006 **NO.** 8

ELEVATION 690' **COUNTY NO.** 41985

LOCATION

LATITUDE 41.440194 **LONGITUDE** -87.982194

COUNTY Will **API#** 1219741985 00 **9-34N-11E**

Verified by: VJA on 3/20/2013

9-34N-11E