

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
clay	0	23
gray shale	23	34
coal & fire clay	34	36
lime	36	47
gray shale	47	70
lime	70	78
dark lime & shale	78	101
coal & fire clay	101	108
gray shale	108	116
lime & sandstone	116	129
coal & fire clay	129	133
gray sandy shale	133	161
dark lime & shale	161	167
coal & fire clay	167	169
gray shale	169	216
lime	216	218
coal & fire clay	218	220
gray shale	220	228
lime	228	232
gray shale	232	250
gray sandstone	250	256
coal & fire clay	256	258
gray shale	258	295
lime	295	298
gray shale	298	342
white sandstone & shale	342	358
gray shale	358	389
white sandstone	389	450

Total Depth **450**

Casing: 6" STEEL 19# from -1' to 390'

Permit Date: November 28, 1979 **Permit #:** 91721

COMPANY Hepp, Frank

FARM Arch Farms

DATE DRILLED January 1, 1980 **NO.** 1

ELEVATION 502' **TM** **COUNTY NO.** 23789

LOCATION 1250'N line, 2550'E line of NE

LATITUDE 38.025555 **LONGITUDE** -89.602636

COUNTY Randolph **API#** 1215723789 00 **12-6S-5W**

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Size hole below casing: 6"

Water from white sandstone at 389' to 450'

Pumping level 450' when pumping at 40 gpm for 1 hr(s)

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

Owner Address: 500 North Broadway St. Louis, MO

120' E of lane middle

Location source: Location from permit

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