

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 28 1972

MASTER CARD

Record by J.S. Source of data ... Date 2/69 Map _____

State IL County (or town) Alton 02

Latitude: 34^{deg} 56^{min} 37^{sec} N Longitude: 088^{degrees} 48^{min} 39^{sec} W Sequential number: 1

Lat-long accuracy: 5 T. 2 S. R. 5 W. Sec 5 Other number: _____ B & M

Local well number: E016 050 05E Owner or name: _____

Local use: 216 Owner or name: _____

Owner or name: D. CHAPMAN Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: _____

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. _____

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: no, period: _____

Aperture cards: _____ yes _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 30 ft Meas. rept accuracy _____

Depth cased; (first perf.): 240 ft Casing type: 1-1/2" st. Diam. in 5

Finish: porous concrete, gravel w. (perf.), gravel w. (screer.), horiz. gallery, open end, other _____

Method Drilled: air rot., bored, cable, dug, hyc rot., jetted, air percussion, rotary, reverse, trenching, driven, drive wash, other _____

Date Drilled: 9:6:5 Pump intake setting: _____ ft

Driller: _____ name address _____

Lift (type): air, bucket, cent, jet, multiple, (cent.), multiple, (turb.), none, piston, rot, submerg, turb, other _____ Deep _____ Shallow _____

Power (type): diesel, (elec), gas, gasoline, hand, gas, wind; H.P. 3/4 Trans. or meter no. 5

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 500 Accuracy: (source) _____

Water Level 15 ft above below MP; Ft. below LSD 152 Accuracy: _____

Date meas: 008 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10 _____ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No.

E16

Well No. E 16

Latitude-longitude _____
 d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD **19** Physiographic Province: **03** **20 21** Section: _____

22 D **23** Drainage Basin: **162** **25** Subbasin: **26**

27 **(D)** **(C)** **(E)** **(F)** **(H)** **(K)** **(L)**
 Top of depression, stream channel, dunes, flat, hilltop, sink, swamp,
well site: **(Ø)** **(P)** **(S)** **(T)** **(U)** **(V)**
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR
AQUIFER: _____ **28 29** **K3** _____ **30 31** **SM**
 system series aquifer, formation, group

Lithology: _____ **32 33** **US** **Origin:** _____ **34** **3** **Aquifer**
Thickness: _____ **35** ft

35 _____ **37** Length of well open to: _____ ft **38 39** **60** **Depth to**
top of: _____ ft **40 41** **265**

MINOR
AQUIFER: _____ **44 45** _____ **46 47** _____
 system series aquifer, formation, group

Lithology: _____ **48 49** _____ **Origin:** _____ **50** _____ **Aquifer**
Thickness: _____ ft

51 _____ **53** Length of well open to: _____ ft **54 55** _____ **Depth to**
top of: _____ ft **56 57 59**

Intervals
Screened: _____

Depth to
consolidated rock: _____ ft **60 63** _____ **Source of data:** _____ **64**

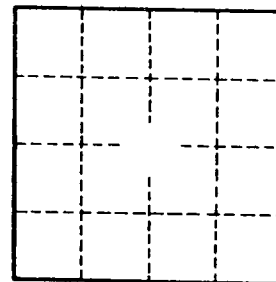
Depth to
basement: _____ ft **65 68** _____ **Source of data:** _____ **69**

Surficial
material: _____ **70 71** _____ **Infiltration**
characteristics: _____ **72**

Coefficient
Trans: _____ **73 75** _____ **gpd/ft** **Coefficient**
Storage: _____ **76 78**

Coefficient
Perm: _____ **79** **gpd/ft²; Spec cap:** _____ **gpm/ft; Number of geologic cards:** _____

Red clay 0-16
 Red sand 16-63
 Rock 63-68
 Red sand 68-180
 Rock 180-218
 Blue clay 218-228
 White sand 228-265
 Blue clay 265-265
 White sand 265-300



Well No. E 16