

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by 10/21/74 Source of data _____ Date 10-21-74 Map _____

State Illinois County (or town) St. Clair

Latitude: 37 27 4 2 11 N Longitude: 09 1 5 1 2 5 S
 5 deg 7 min 9 sec 11 sec 12 degrees 15 min sec 18

Lat-long accuracy: 20 T 21 S, R W, Sec _____, _____, _____

Local well number: 21 22 23 24 25 26 27 28 29 30 31 32 33 34 Other number: _____ B & M

Local use: _____ Owner or name: _____

Owner or name: D. J. R. O. P. I. N. E. L. A. N. O. Address: _____

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist _____ 67

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____ 68

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. _____ 69

DATA AVAILABLE: Well data Freq. W/L meas.: _____ Field aquifer char. _____ 70 71

Hyd. lab. data: _____ 72

Qual. water data; type: _____ 73

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____ 74 75 76

Aperture cards: _____ yes _____ 77

Log data: _____ 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 130 ft Meas. rept accuracy _____ 24

Depth cased: (first perf.) _____ ft Casing type: _____; Diam. 1 1/2 in _____ 25 26 27 28 29 30

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (N) open perf., (P) screen, (S) sd. pt., (T) shored, (U) open hole, (W) other _____ 31

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rot., (T) trenching, (V) driven, (W) drive wash, (Z) other _____ 32

Date Drilled: 4-15-54 Pump intake setting: _____ ft _____ 33 34 35 36 38

Driller: _____ name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other _____ Deep _____ Shallow _____ 39 40

Power (type): (nat) diesel, elec, gas, gasoline, (LP) hand, gas, wind; H.P. _____ Trans. or meter no. _____ 41

Descrip. MP 14.2 ft above LSD, Alt. MP _____ 42

Alt. LSD: 130 Accuracy: (source) _____ 47

Water Level: 2 ft above MP; 7 ft below LSD Accuracy: _____ 48 49 50 51 52

Date meas: 7-15-54 Yield: _____ gpm Method determined _____ 53 54 55 56 57 58 59 60 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____ 62 63 64 65 66 68

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm 69 70 71 72

Sp. Conduct _____ K x 10 _____ Temp. _____ °F Date sampled _____ 73 74 75 76 77 79

Taste, color, etc. _____

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
Drainage Basin: E 154 Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series 06 _____ aquifer, formation, group MAA

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

Intervals Screened: _____

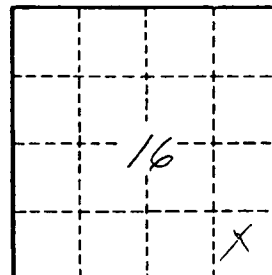
Depth to consolidated rock: _____ ft **Source of data:** _____

Depth to basement: _____ ft **Source of data:** _____

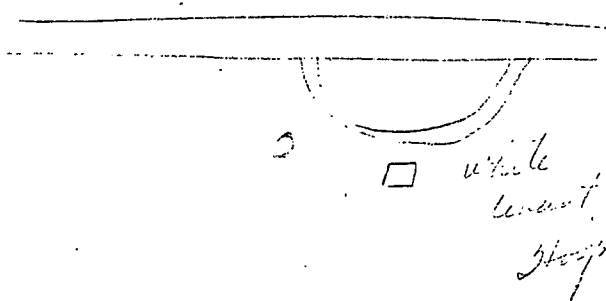
Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

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



section 16



Well No. _____