

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES

PUNCHED
AUG 2 1973

MASTER CARD

Record by B.D. Source of data Bowc Date 5-71 Map _____

State _____ County (or town) Pantotec _____

Latitude: 34° 22' 12" N Longitude: 089° 12' 13" W Sequential number: 1

Lat-long accuracy: 5' T 8" S R 1" E Sec 21

Local well number: A018 2108501E Other number: _____ B & H

Local use: 079 _____ Owner or name: _____

Owner or name: B.B.B.Y. T.D.D. Address: Thayton

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (B) _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes no

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 495 Meas. rept _____ 3

Depth cased: (first perf.) _____ ft 84 Casing type: Steel Diam. _____ in _____ 4

Finish: porous concrete, (per.), (F) gravel w. screen, (C) gravel w. gallery, end, (H) horz. open perf., (P) screen, sd. pt., shored, open hole, other _____ X

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

Date Drilled: 9-7-71 Pump intake setting: _____ ft _____ 38

Driller: Leazer

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

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

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

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

Water Level 120 ft above below MP; _____ ft above below LSD 120 Accuracy: _____ 52

Date meas: 4-7-71 Yield: _____ gpm _____ 9 Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 68

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 79

Taste, color, etc. _____

Well No.

A18

Latitude-longitude N
S

HYDROGEOLOGIC CARD

State: Illinois Physiographic Province: _____ Section: 03
 County: St. Clair Drainage Basin: 1151F Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
 (28) (29) (30) (31)

Lithology: _____ Origin: _____ Aquifer Thickness: 145 ft

Length of well open to: _____ ft 145 Depth to top of: _____ ft 350

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: _____

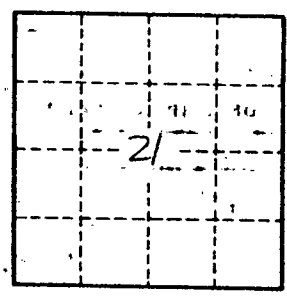
Depth to consolidated rock: _____ ft _____ Source of data: _____

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: _____



Well No.

A18