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JUL 10 1975

FORM 9-1642 (1-68)

Well No. A 1

**PRINTED**

**WELL SCHEDULE**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**MASTER CARD**

Record by 1/5 Source of data 2/5 Date 1/15/75 Map \_\_\_\_\_

State IL County 2/8 (or town) W. Lake Sequential number: 4, 2 1

Latitude: 33 48 06 N Longitude: 09 01 13 W  
 deg min sec 12 degrees 15 min sec 18

Lat-Long accuracy: 2 T 12 S, R 1 E Sec 4, NE 1, SW 1

Local well number: A001AC0422NIO1W Other number: B & M

Local use: \_\_\_\_\_ Owner or name: Brooks Farming

Owner or name: BROOKS FARMING Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (I) (M) (N) (P) (R)  
 (S) Stock, Instic, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (Z)

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

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: \_\_\_\_\_

Core cards: \_\_\_\_\_

Log data: \_\_\_\_\_

**WELL-DESCRIPTION CARD**

SAME AS ON MASTER CARD Depth well: 70 ft Meas. 70 Meas. accuracy 2

Depth cased; (first perf.): 40 ft Casing type: \_\_\_\_\_; Diam. 2.5 in

Finish: (C) porous concrete, (F) gravel w. (H) gravel w. (I) horiz. open (O) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other (S)

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

Date Drilled: 7-52 9-52 Pump intake setting: \_\_\_\_\_ ft

Driller: H.A. Shutt name (L) address \_\_\_\_\_

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

Power (type): (diesel) elec, gas, gasoline, hand, gas, wind, H.P. 35-50 Trans. or meter no. M

Descrip. MP 12.5 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 12.5 Accuracy: \_\_\_\_\_

Water Level 13.57 ft above below MP; Ft below LSD 1.4 Accuracy: \_\_\_\_\_

Date meas: 1/12/53 Yield: 7000 gpm 4000 Method determined (Z)

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No. A1

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

**E** Drainage Basin: 15H Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** \_\_\_\_\_ system, series 06, aquifer, formation, group MIA

**Lithology:** \_\_\_\_\_ **R** Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft. 30 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:** \_\_\_\_\_

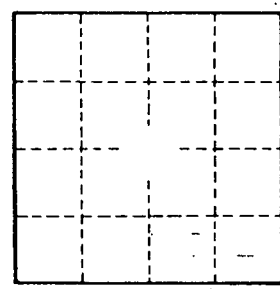
**Depth to consolidated rock:** \_\_\_\_\_ ft Source of data: \_\_\_\_\_

**Depth to basement:** \_\_\_\_\_ ft Source of data: \_\_\_\_\_

**Surficial material:** \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

**Coefficient Trans:** \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

**Coefficient Perm:** \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



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