

WELL SCHEDULE E 109 # 121

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by ef Source of data MSGS 109 Date 3-13-70 Map \_\_\_\_\_

State IL County (or town) Simpson 64

Latitude: 31° 59' 19" N Longitude: 089° 46' 40" W Sequential number: 1

Lat-long accuracy: 2 T 2 N 5 E 27 W, Sec 27, NE, NW, NW

Local well number: E030B#2702NOSE Other number: \_\_\_\_\_ B & M

Local use: 222121 Owner or name: E. S. JONES Address: \_\_\_\_\_

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed 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

Log data: E Log 10-158' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 160 ft Meas. rept 158 accuracy 3

Depth cased; (first perf.) 149 ft Casing type: PCV; Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perfl.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, (K) air rot., (L) air rot., (M) hyd jetted, (N) percuss, (O) rotary, (P) air reverse, (Q) reverse trenching, (R) driven, (S) drive wash, (T) other, (U) other S

Method: (A) drilled, (B) air bored, (C) cable, (D) dug, (E) hyd jetted, (F) percuss, (G) rotary, (H) air reverse, (I) reverse trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: 2-24-70 970 Pump intake setting: \_\_\_\_\_ ft

Driller: K. E. Thompson

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other S Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 3/4 S Trans. or meter no. \_\_\_\_\_

Descrip. MP 440 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 453' 453 Accuracy: (source) G.L. 4

Water Level: \_\_\_\_\_ ft above MP, \_\_\_\_\_ ft below LSD 90 Accuracy: \_\_\_\_\_ D

Date meas: 270 Yield: \_\_\_\_\_ gpm 6 Method determined \_\_\_\_\_

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

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

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

PUNCHED AND VERIFIED

Well No.

Well No. \_\_\_\_\_

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_  0:3 Section: \_\_\_\_\_

Drainage Basin:  1:3:T Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp,  
(P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:  T M aquifer, formation, group  C A aquifer, formation, group

Lithology:  S Origin: \_\_\_\_\_  3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: ft  9 Depth to top of: \_\_\_\_\_ ft  144

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:**

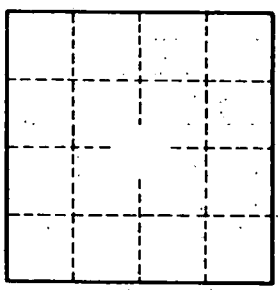
Depth to consolidated rock: ft \_\_\_\_\_ Source of data: \_\_\_\_\_ ft

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

Surficial material: Infiltration characteristics: \_\_\_\_\_ ft

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

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



Well No. \_\_\_\_\_