

**PUNCHED**

**WELL SCHEDULE**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**MASTER CARD**

Record by JCM Source of data BOUC Date 11-72 Map \_\_\_\_\_

State IL County (or town) Lauderdale 38

Latitude: 32° 29' 40" N Longitude: 088° 31' 07" W Sequential number: 1

Lat-long accuracy: 3 T 8 S, R 17 W, Sec 36, SW NW

Local well number: 89CB3608N17E Other number: \_\_\_\_\_

Local use: 055 Owner or name: \_\_\_\_\_

Owner or name: C E P I L Y E R Address: Lauderdale

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, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-? S, Desal-other, Other H

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

**WELL-DESCRIPTION CARD**

SAME AS ON MASTER CARD Depth well: 130 Meas. rept accuracy 3

Depth cased: (first perf.) 124 Casing type: Stool Diam. in 2

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, per., screen, sd. pt., shored, open hole, other S

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

Date Drilled: 72 Pump intake setting: \_\_\_\_\_

Driller: Leroy address \_\_\_\_\_

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

Power (type): diesel, gas, gasoline, hand, gas, wind, H.P. 34 Trans. or E

Descrip. MP \_\_\_\_\_ Ft above \_\_\_\_\_ below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

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

Date meas: 672 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

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

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

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

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

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

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_  08  Section: \_\_\_\_\_

Drainage Basin:  131K Subbasin: \_\_\_\_\_  26

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series  TE  aquifer, formation, group  LEW  31

Lithology: \_\_\_\_\_  S  Origin:  2  Aquifer Thickness:  40 ft

Length of well open to: \_\_\_\_\_ ft  6  Depth to top of: \_\_\_\_\_ ft  90

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group  \_\_\_\_\_  47

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

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

Intervals Screened:  2" S.S.

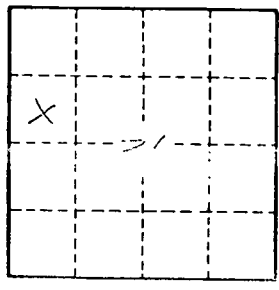
Depth to consolidated rock: \_\_\_\_\_ ft  \_\_\_\_\_  Source of data: \_\_\_\_\_  64

Depth to basement: \_\_\_\_\_ ft  \_\_\_\_\_  Source of data: \_\_\_\_\_  69

Surficial material: \_\_\_\_\_  \_\_\_\_\_  Infiltration characteristics: \_\_\_\_\_  72

Coefficient Trans: \_\_\_\_\_ gpd/ft  \_\_\_\_\_  Coefficient Storage: \_\_\_\_\_  \_\_\_\_\_  78

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_  79



WELL NO. DS7