

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by E.J. Harvey Source of data \_\_\_\_\_ Date 7-29-54 Map Swan Lake

State Mississippi County (or town) Washington

Latitude: 33° 14' 46" N Longitude: 09° 05' 24" W Sequential number: 1

Lat-long accuracy: 2 T, 16 S, R 7 Sec 12, SW ¼, NE ¼, SW ¼

Local well number: L009AC1216N07W Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: E.A. Bates

Owner or name: E A B A T E S Address: Arcola, Miss.

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

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

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.

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: \_\_\_\_\_

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 111 ft Meas. accuracy 6

Depth cased: 61 ft Casing type: \_\_\_\_\_; Diam. 18, 16 in

Finish: (A) porous concrete, (B) gravel w. (perfor.), (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other

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

Date Drilled: July 54 9:54 Pump intake setting: 70 ft

Driller: Layne Central

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 60

Trans. or meter no. V

Descrip. MF Top of casing, which is 1 ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 1116 Accuracy: \_\_\_\_\_

Water Level: 24.5 ft above/below MP; Ft above/below LSD 24 Accuracy: typed

Date meas: 7-6-54 Yield: 3030 gpm Method determined 1

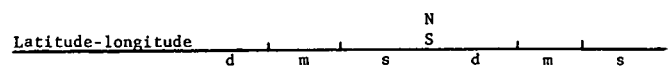
Drawdown: 30 ft Accuracy: typed Pumping period \_\_\_\_\_ hrs

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

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. 65.2 °F Date sampled \_\_\_\_\_

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

Well No.   L9



**ROGEOLOGIC CARD**

STATE AS ON MASTER CARD: Missouri Physiographic Province: Coastal Plain Section: Miss. River

Drainage Basin: E Subbasin: 15J

of depression, stream channel, dunes, flat, hilltop, sink, swamp, site: (M)  valley flat

ER: Quaternary system, Pleistocene series, Q6 aquifer, formation, group, Miss. River alluvium M:A

ology: sand-gravel alluvium 9A Origin: Fluvial 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 50 ft Depth to top of: 37 ft

ER: \_\_\_\_\_ system, \_\_\_\_\_ series, \_\_\_\_\_ aquifer, formation, group

ology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

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

vals ned: Q1-III

to lidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

to ment: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

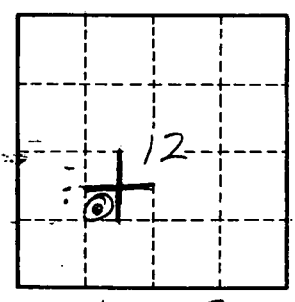
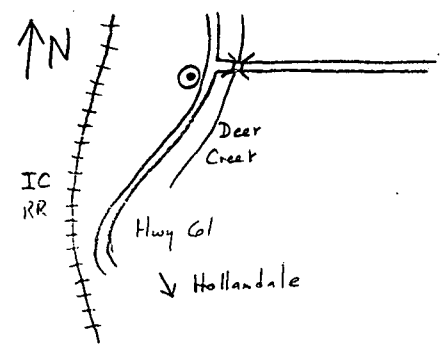
cial ial: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

icient: \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

icient: \_\_\_\_\_ Spec cap: 100 gpm/ft; Number of geologic cards: \_\_\_\_\_

type turbine, single stage, 50 ft setting  
 jumbo to 37 ft.  
 obtained in sand and gravel.

PWL 54.79 Q = 3030  
 SWL 24.5  
 dd = 30 Sp Cap = 100 gpm/ft



1.4 mi S  
 Arcola

Well No.

L9

RECEIVED BY MISSOURI GEOLOGICAL SURVEY  
 LOGGED AND ADDED