

# WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

## MASTER CARD

Record by E.J. Harvey Source of data Mr Arbogast Date 4-26-54 Map Swan Lake

State Mississippi County (or town) Washington

Latitude: 33° 10' 36" N Longitude: 090° 47' 37" W Sequential number: 1

Lat-long accuracy: 2 T. 15 S. R. 6 Sec 2, NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , SW  $\frac{1}{4}$

Local well number: P 0 1 0 B C 0 2 1 5 N 0 6 W Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: Clyde Tolbert

Owner or name: CLYDE TOLBERT 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) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Reppure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other I

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: Driller's log D

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 130 ft Meas. 130 accuracy 6

Depth cased; (first perf.) 80 ft Casing type: \_\_\_\_\_; Diam. 16, 12 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) (screen), (H) horiz. gallery, (I) open end, (J) (P) perfl., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

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

Date Drilled: April 54 9:54 Pump intake setting: \_\_\_\_\_ ft

Driller: Layne Central, Cleveland Miss.

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 T Deep  Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. V

Descrip. MP Top of casing 1.0 ft above below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) 3

Water Level 12 ft above below MP; Ft above below LSD \_\_\_\_\_ Accuracy: Round

Date meas: April 1954 4:54 Yield: (54) 2800 gpm 2800 Method determined 9

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. P10

**HYDROGEOLOGIC CARD**

NAME AS ON MASTER CARD Physiographic Province: Coastal Plain 013 Section: Miss. River

plain E Drainage Basin: 15H Subbasin: 26

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

PER: Quaternary, Pleistocene Q.G Miss. River alluvium M.A

ology: sand-gravel alluvium 9.A Origin: Fluvial 2 Aquifer Thickness: >121 ft

Length of well open to: 50 ft 50 Depth to top of: 10 ft 10

PER: 44 45 aquifer, formation, group 46 47

ology: 48 49 Origin: 50 Aquifer Thickness: 51 ft

Length of well open to: 54 56 Depth to top of: 57 59 ft

ervals tested: 80 - 130 ft

h to consolidated rock: 60 63 Source of data: 64

h to cement: 65 68 Source of data: 69

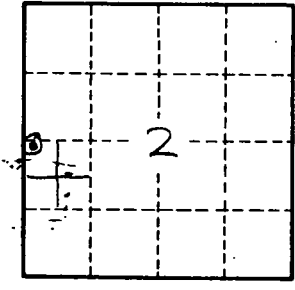
icial rial: 70 71 Infiltration characteristics: 72

icient s: 73 75 Coefficient Storage: 76 78

icient : 79 gpd/ft<sup>2</sup>; Spec cap: 80 gpm/ft; Number of geologic cards: 81

Layne turbine

- 0 - 10' Clay
- 0 - 54 Fine sand
- 4 - 60 Sand & pea gravel
- 0 - 75 Coarse sand
- 5 - 85 Sand & pea gravel
- 5 - 94 Sand
- 4 - 110 Sand & pea gravel
- 0 - 114 Sand
- 4 - 131 Sand and pea gravel - still in it



3.3 mi. E  
Hollandale

