

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 _____ Map Swan Lake

State Mississippi 28 County (or town) Washington 76

Latitude: 33 10 23 N Longitude: 09 05 14 2 Sequential number: 1

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

Local well number: P017BC0615N06W Other number: _____ B & M

Local use: _____ Owner or name: T. J. Hays

Owner or name: T J HAYS Address: Hollandale

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) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other Row crop 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: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 122 ft 122 Meas. accuracy 6

Depth cased: (first perf.) 72 ft Casing type: _____; Diam. 16, 12 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) sd. pt., (K) shored, (L) open hole, (M) other S

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

Date Drilled: March 1955 9 5 5 Pump intake setting: _____ ft

Driller: Layne Central Cleveland

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, gas, gasoline, hand, gas, wind; H.P. 40 Trans. or meter no. _____

Descrip. MP Top of casing, which is 1.0 ft above/below LSD. Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____ 3

Water Level 22 ft above/below MP; Ft above/below LSD 21 Accuracy: Reported G

Date meas: March 1955 3 5 5 Yield: 450 gpm 450 Method determined

Drawdown: 3 ft Accuracy: Reported 6 Pumping period 1 hrs 1

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. Hard; considerable iron

Well No. P17

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: Miss. River

19 Drainage Basin: 15I Subbasin: 26

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

28 Quaternary, Pleistocene 06 Miss. River alluvium MA aquifer, formation, group

32 Sand-gravel alluvium 9A Origin: Fluvial 2 Aquifer Thickness: ft

37 Length of well open to: 50 ft 38 50 Depth to top of: ft 41 43

44 45 46 47 aquifer, formation, group

48 49 50 Thickness: ft

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

60 63 64

65 68 69

70 71 72 Infiltration characteristics:

73 75 76 78 Coefficient Storage:

79 150 gpm/ft; Number of geologic cards:

(Layer Central)

sd. (stopped in)

$\frac{450 \text{ gpm}}{3' \text{ dd}} = 150 \text{ gpm/ft}$

