

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by E.J. Harvey Source of data \_\_\_\_\_ Date 54 Map Anter

State Mississippi 28 County (or town) Washington 76

Latitude: 33<sup>deg</sup> 07<sup>min</sup> 43<sup>sec</sup> N Longitude: 09<sup>deg</sup> 04<sup>min</sup> 31<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>10</sup> T. 15<sup>11</sup> S. R. 5<sup>12</sup> Sec 21 SE SW

Local well number: 0024DC2115N05W Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: John Zumwalt

Owner or name: JOHN ZUMWALT Address: Murphy

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) Ir, (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 \_\_\_\_\_ 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) Windfaw, (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: 118' 8" ft 1119 Meas. repr. accuracy \_\_\_\_\_ 6

Depth cased; (first perf.) 69 ft 69 Casing type: \_\_\_\_\_; Diam. 18 16 in 18

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

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

Date Drilled: June 1954 954 Pump intake setting: \_\_\_\_\_ 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 \_\_\_\_\_ 7 Deep \_\_\_\_\_ Shallow \_\_\_\_\_

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 8 Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: \_\_\_\_\_ 101 Accuracy: (source) \_\_\_\_\_ 3

Water Level 22' 8" ft above below MP; Ft. above below LSD 22 Accuracy: Reported \_\_\_\_\_ G

Date meas: 6-17-54 654 Yield: 1830 gpm 1830 Method determined \_\_\_\_\_ 9

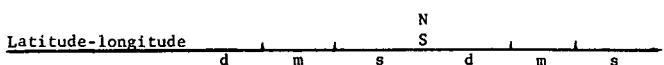
Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

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

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. 66 1/2 °F 66 Date sampled \_\_\_\_\_

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

Well No. 424



HYDROGEOLOGIC CARD

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

19 plain E Drainage Basin: 15H Subbasin: \_\_\_\_\_

(D) (C) (E) (F) (H) (K) (L)  
 of depression, stream channel, dunes, flat, hilltop, sink, swamp,  
 site: (Ø) (P) (S) (T) (U) (V) \_\_\_\_\_ 27

IR  
 FER: Quaternary, Pleistocene Q9 Miss. River alluvium MA  
 system series aquifer, formation, group

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

Length of well open to: 50 ft 50 Depth to top of: 20 ft 20

IR  
 FER: \_\_\_\_\_ aquifer, formation, group  
 system series \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

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

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

ervals  
 ended: 69 - 119 ft

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

h to cement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 69

icial  
 rial: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_ 72

icient  
 s: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 76

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

M. Turbine, Elec/Gear head

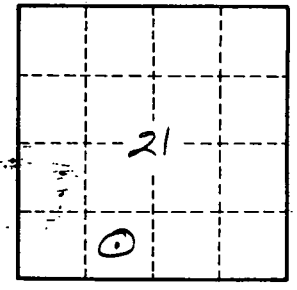
Clay to 20 ft  
 Pot in blue clay

Field 22 1/2 @ 12" 10" disch

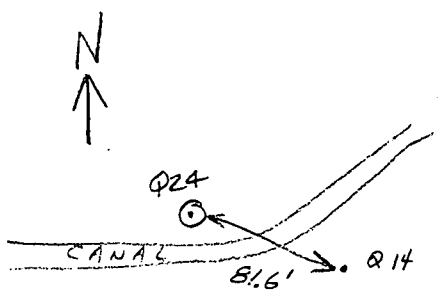
located at site of old well.

Meter #16,454, 176

8/12/54 8 rev. 62 1/2 sec. Mult 40 kWh = 2.4



8.1 mi SE  
 Hollandale



Well No. Q24