

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)  
April 1966

Well No. G22

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Thad Shows Source of data \_\_\_\_\_ Date 11-6-57 Map \_\_\_\_\_

State Mississippi 28 County (or town) Washington 76

Latitude: 33 18 04 N Longitude: 09 10 81 7 Sequential number: 1

Lat-long accuracy: 20 T. 17 S. R. 9 Sec. 6 Irregular (NE, SW, 21) B & M

Local well number: G022 0617 N09W Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: Refuge Plantation

Owner or name: REFUGE PLANT. CO Address: \_\_\_\_\_

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist N

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

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: K

Freq. sampling:  Pumpage inventory: yes  no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: Drillers log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 298 ft 298 Meas. 6

Depth cased: 268 ft 268 Casing type: galv. ; Diam. 4,3 in 4

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

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

Date Drilled: 3-12-55 955 Pump intake setting: 90 ft 90

Driller: Bailey Drlg Co, Greenville 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): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 3 T Trans. or meter no. 41

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

Alt. LSD: 125 Accuracy: (source) 3

Water Level: -22 ft above below MP; Ft 22 above below LSD Accuracy: Reported D

Date meas: 3-12-1955 355 Yield: 60 gpm 60 Method Est determined 61

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

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride 192 ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 1190 K x 10<sup>6</sup> 5 Temp. 66 °F 66 Date sampled 168

Taste, color, etc. Field data: Jan 68

DS-658

Well No. G22

Well No. G 22

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

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

alluvial plain E Drainage Basin: 151 Subbasin: 20

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (V) V

MAJOR AQUIFER: Tertiary, Eocene TE Cockfield C

Lithology: unconsolidated sand 45 Origin: Deltaic 3 Aquifer Thickness: 86 ft  
Length of well open to: 30 ft Depth to top of: 212 ft

MINOR AQUIFER: Quaternary, Pleistocene Miss. River alluvium  
Lithology: sand-gravel alluvium Origin: Fluvial Aquifer Thickness: 88 ft

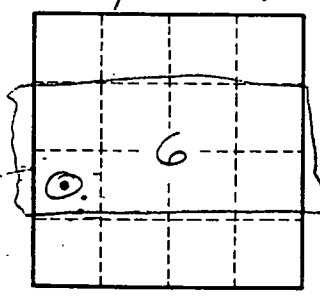
Length of well open to: 0 ft Depth to top of: 22 ft  
Intervals Screened: 268 - 298 ft (20 ft of #14 and 10 ft of #12)

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_  
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_  
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_  
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_  
Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

V.L. Nunnery, Mgr Owner C.A. Springs Irregular Section

298 ft galv pipe well  
148 ft 4"  
Balance 3"  
30 ft 2 1/2" strainer (20 ft #14, 10 ft #12)  
5 ft 2 1/2" galv pipe below strainer  
Back pressure valve plugged

3 Hp 3 phase Pearlless Turbine  
with 80 ft 2 1/2" column  
10 ft 2 1/2" tail pipe with foot valve  
small hole drilled in column about 10 ft from top  
500 gal. galv. horizontal pressure tank  
Pumping about 60 gpm on open discharge - static = 22 ft



Clay 20-22  
Gray sand 22-90  
Gravel & sd 90-110  
Mud & sd 110-212  
Gray sand 212-298  
Mud 298-303

