

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PEG-RET Source of data Otis Beach Date 4-24-63 Map \_\_\_\_\_

State Miss County 28 (or town) Marion 46

Latitude: 31 10 29 N Longitude: 08 93 94 9 Sequential number: 1

Lat-long accuracy: 3 T. 30 N. 17 E. Sec 36, NW 1/4, SE 1/4, \_\_\_\_\_

Local well number: M010BD3603N17W Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: Ray Sampley

Owner or name: RAY SAMPLEY Address: Columbia, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, \_\_\_\_\_

(S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other \_\_\_\_\_ H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed \_\_\_\_\_ W

DATA AVAILABLE: Well data  Freq. W/L meas.: None  Field aquifer char. \_\_\_\_\_ N

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

Qual. water data; type: \_\_\_\_\_

Freq. sampling: None  Pumpage inventory: yes \_\_\_\_\_ no, period: \_\_\_\_\_

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

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 315 ft Meas. 315 accuracy \_\_\_\_\_ 6

Depth cased: 305 ft Casing type: Galv.; Diam. 2 in \_\_\_\_\_ 2

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) rotary, (V) trenching, (W) driven, (Z) drive wash, other \_\_\_\_\_ H

Date Drilled: 1950 9:50 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Dean Gruber Columbia, Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other \_\_\_\_\_ P Deep \_\_\_\_\_ Shallow \_\_\_\_\_

Power (type): elec, nat, gas, gasoline, hand, gas, wind; H.P. \_\_\_\_\_ 5 Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 47

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ below MP; Ft below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_ 52

Date meas: \_\_\_\_\_ Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10 \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 79

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

Well No. M10

Well No. M10

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain  0  3 Section: East Gulf

Coastal Plain  D Drainage Basin: 1:3:V Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, (K) sink, swamp, (L) offshore, pediment, hillside, terrace, undulating, valley flat 27  H

MAJOR AQUIFER: Tertiary, Miocene  T  M aquifer, formation, group  M  Z

Lithology: Unconsolidated sd  U  S Origin: Deltaic  3 Aquifer Thickness:  ft

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

MINOR AQUIFER: aquifer, formation, group

Lithology: Origin:  Aquifer Thickness:  ft

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

Intervals Screened: 305' - 315' SS

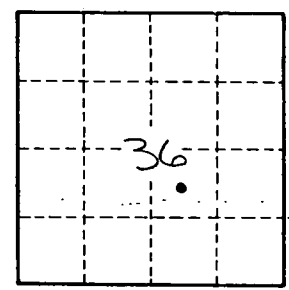
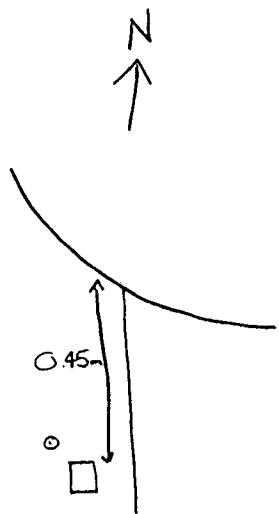
Depth to consolidated rock:  ft Source of data:

Depth to basement:  ft Source of data:

Surficial material: Sandy Unconsolidated  8  U Infiltration characteristics:

Coefficient Trans:  gpd/ft Coefficient Storage:

Coefficient Perm:  gpd/ft<sup>2</sup>; Spec cap:  gpm/ft; Number of geologic cards:



WELL NO. M10