

WRD Exp. (GW)  
April 1966

Well No. M7

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED AND VERIFIED  
FOLLOWING DIVISION BRANCH

#### MASTER CARD

Record by H.B. Harris Source of data Owner Date 10-17-61 Map \_\_\_\_\_

State Miss County (or town) Marion 28 46

Latitude: 31 12 41 N Longitude: 08 94 51 6 Sequential number: 1

Lat-long accuracy: 2 T. 3 S. R. 17 E. Sec 19, SW 1/4, NW 1/4, NW 1/4 ... B & M

Local well number: M1007 B1903 N17W Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: Guy Loftin

Owner or name: GUY LOFTIN Address: Columbia, Miss.

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) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other \_\_\_\_\_ H

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.: None  Field aquifer char. \_\_\_\_\_

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: 220 ft Meas. 220 accuracy \_\_\_\_\_

Depth cased: 216 ft Casing type: Galv.; Diam. 2 in \_\_\_\_\_

Finish: (A) porous concrete, (B) gravel w. (perf.), (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) perf., (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 percussion, (H) reverse rotary, (I) trenching, (J) driven, (K) wash, (L) other \_\_\_\_\_ H

Date drilled: Aug. 1960 960 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Dean Griner, Columbia, Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ P Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; (H) H.P. \_\_\_\_\_ 1 5 Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 225+ 225 Accuracy: (source) \_\_\_\_\_ 5

Water Level: 75 ft above MP; 75 ft below LSD Accuracy: rept \_\_\_\_\_

Date meas: 860 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

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

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

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

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

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Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 19  
Province: Coastal Plain  3 Section: East Gulf

Coastal Plain  D Drainage Basin: 13V Subbasin:  26

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, sink, swamp, (K) (L) (O) offshore, pediment, hillside, terrace, undulating, valley flat  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: 4 ft Depth to top of: 4 ft

MINOR AQUIFER:  system series  44 45 aquifer, formation, group  46 47

Lithology:  Origin:  Aquifer Thickness:  ft  
Length of well open to:  ft Depth to top of:  ft

Intervals Screened: 216' - 220' Copper

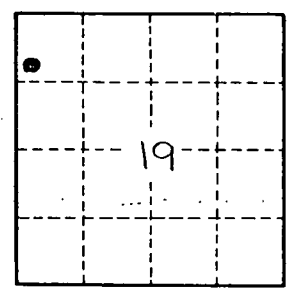
Depth to consolidated rock:  ft Source of data:  64

Depth to basement:  ft Source of data:  69

Surficial material: Sandy Unconsolidated  S U Infiltration characteristics:  72

Coefficient Trans:  gpd/ft Coefficient Storage:  76 78

Coefficient Perm:  gpd/ft<sup>2</sup>; Spec cap:  gpm/ft; Number of geologic cards:  79



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