

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER DIVISION

**PUNCHED**

MASTER CARD

Record by Callahan Source of data \_\_\_\_\_ Date 5-22-57 Map Horn Lake Road

State Miss County Desoto (or town) \_\_\_\_\_

Latitude: 34 deg 54 min 23 sec N Longitude: 09 degrees 01 min 09 sec W Sequential number: 1

Lat-long accuracy: 3 T. 2 N. 9 E. Sec 10, T. SE R. SE

Local well number: E 0 2 1 D D 1 0 0 2 S 0 9 W Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: Tom Withers

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other \_\_\_\_\_

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

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

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

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

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

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

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 58.65 ft Meas. rept 59 accuracy \_\_\_\_\_

Depth cased; (first perf.) \_\_\_\_\_ ft Casing type: \_\_\_\_\_; Diam. 1 1/2 in \_\_\_\_\_

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

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

Date Drilled: \_\_\_\_\_ Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_

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 \_\_\_\_\_ Deep \_\_\_\_\_

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

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

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

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; Ft below LSD 15 Accuracy: \_\_\_\_\_

Date meas: 5.5.7 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<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No. E 21

Well No. E 21

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic 03 Section:  
Province: \_\_\_\_\_

E Drainage 15E Subbasin:  
Basin: \_\_\_\_\_

(D) (C) (E) (P) (H) (K) (L)  
Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,  
well-site: (0) (P) (S) (T) (U) (V)  
offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

MAJOR Q G M A  
AQUIFER: \_\_\_\_\_ aquifer, formation, group  
system series \_\_\_\_\_

Lithology: R Origin: 2 Aquifer  
Thickness: \_\_\_\_\_ ft

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

MINOR \_\_\_\_\_ AQUIFER: \_\_\_\_\_  
system series \_\_\_\_\_ aquifer, formation, group

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer  
Thickness: \_\_\_\_\_ ft

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

Intervals  
Screened: \_\_\_\_\_

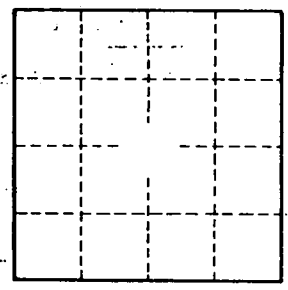
Depth to \_\_\_\_\_ Source of data: \_\_\_\_\_  
consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_

Depth to \_\_\_\_\_ Source of data: \_\_\_\_\_  
basement: \_\_\_\_\_ ft \_\_\_\_\_

Surficial \_\_\_\_\_ Infiltration  
material: \_\_\_\_\_ characteristics: \_\_\_\_\_

Coefficient \_\_\_\_\_ Coefficient  
Trans: \_\_\_\_\_ Storage: \_\_\_\_\_  
gpd/ft \_\_\_\_\_

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



Well No.