

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAY 27 1975

MASTER CARD

Record by GJD Source of data BOWC Date 1-15-73 Map _____

State 28 County (or town) Desoto Sequential number: 17

Latitude: 34 5 44 0 N Longitude: 089 5 02 0 W
deg 7 min 9 sec 11 E 12 degrees 13 min sec 18

Lat-long accuracy: 5 T S, R W, Sec _____, _____, _____, _____ B & M

Local well number: H044 1602506W Other number: _____

Local use: 12 _____ Owner or name: _____

Owner or name: J. M. METTS Address: Olive Branch

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

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

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed _____ U

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

_____ cards: _____ yes _____

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 161 Meas. _____ 3

Depth cased: _____ ft _____ Casing type: _____; Diam. _____ in _____ 2

Finish: porous concrete, (perf.), gravel w. (screen), gravel w. (perfor.), horiz. gallery, open end, other _____ S

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

Date Drilled: 9 0 3 Pump intake setting: _____ ft _____

Driller: Deep South Well Co. name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, (T) other _____ Deep _____ Shallow _____ 0

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ 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 _____ 90 Accuracy: _____ D

Date meas: 4 6 3 Yield: _____ gpm _____ Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 66 68

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 74 76 77 79

Taste, color, etc. _____

Well No. _____

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ Physiographic Province: 03 ^{20 21} Section: _____

²² Drainage Basin: D ^{23 25} Subbasin: 15E ²⁶ _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat ²⁷ _____

MAJOR AQUIFER: _____ ^{28 29} TIE _____ ^{30 31} SS _____
system series aquifer, formation, group

Lithology: _____ ^{32 33} US Origin: _____ ³⁴ Aquifer Thickness: _____ ft

^{35 37} Length of well open to: _____ ft ^{38 40} 5 Depth to top of: _____ ft ^{41 43} 160

MINOR AQUIFER: _____ ^{44 45} _____ ^{46 47} _____
system series aquifer, formation, group

Lithology: _____ ^{48 49} _____ Origin: _____ ⁵⁰ Aquifer Thickness: _____ ft

^{51 53} Length of well open to: _____ ft ^{54 56} _____ Depth to top of: _____ ft ^{57 59} _____

Intervals Screened: _____

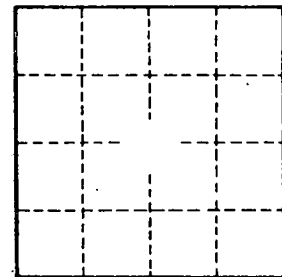
Depth to consolidated rock: _____ ft ^{60 63} _____ Source of data: _____ ⁶⁴ _____

Depth to basement: _____ ft ^{65 68} _____ Source of data: _____ ⁶⁹ _____

Surficial material: _____ ^{70 71} _____ Infiltration characteristics: _____ ⁷² _____

Coefficient Trans: _____ ^{73 75} _____ Coefficient Storage: _____ ^{76 78} _____
gpd/ft

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



Well No. _____

H 44