

WELL SCHEDULE  
GEOLOGICAL SURVEY

**PUNCHED**  
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

DEC 10 1974

MASTER CARD

Record by CF Source of data MBWC Date 7-9-74 Map \_\_\_\_\_

State 28 County (or town) De Soto 77

Latitude: 34° 58' 30" N Longitude: 089° 49' 10" W Sequential number: 1

Lat-long accuracy: 3' T 10" R 60" Sec 26 NW NE

Local well number: 12049BA2601506W Other number: \_\_\_\_\_ B & M

Local use: 213 Owner or name: \_\_\_\_\_

Owner or name: PAUL COY Address: Centerville, Ala. Olive Branch

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, (H) Dom, (I) Irr, (M) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) 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 W

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

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

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

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

Aperture cards: \_\_\_\_\_ yes  no

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 180 ft Meas. rept accuracy 3

Depth cased: (first perf.) 170 ft Casing type: Plastic Diam. in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) screen, (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

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

Date Drilled: 4-30-74 9-7-74 Pump intake setting: \_\_\_\_\_ ft

Driller: Bob Smith & Son

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other  Deep  Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1/2 5 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 Accuracy: \_\_\_\_\_

Date meas: 4-7-74 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.

D49

Well No. D49

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

19 013 Section: \_\_\_\_\_  
20 21

22 D Drainage Basin: \_\_\_\_\_ 25 15E Subbasin: \_\_\_\_\_ 26

(D) (C) (E) (F) (H) (K) (L)  
Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,  
well site: (Φ) (P) (S) (T) (U) (V) \_\_\_\_\_ 27

MAJOR AQUIFER: \_\_\_\_\_ 28 TIE \_\_\_\_\_ 29 aquifer, formation, group \_\_\_\_\_ 30 SS 31

Lithology: \_\_\_\_\_ 32 S Origin: \_\_\_\_\_ 33 2 Aquifer Thickness: \_\_\_\_\_ ft

35 \_\_\_\_\_ 37 Length of well open to: \_\_\_\_\_ ft 38 10 40 Depth to top of: \_\_\_\_\_ 41 130 43 ft

MINOR AQUIFER: \_\_\_\_\_ 44 \_\_\_\_\_ 45 aquifer, formation, group \_\_\_\_\_ 46 \_\_\_\_\_ 47

Lithology: \_\_\_\_\_ 48 \_\_\_\_\_ 49 Origin: \_\_\_\_\_ 50 \_\_\_\_\_ 51 Aquifer Thickness: \_\_\_\_\_ ft

51 \_\_\_\_\_ 53 Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 56 Depth to top of: \_\_\_\_\_ 57 \_\_\_\_\_ 59 ft

Intervals Screened: 170 - 180

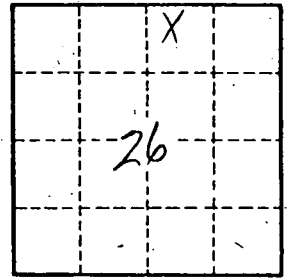
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ 60 \_\_\_\_\_ 63 Source of data: \_\_\_\_\_ 64

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ 65 \_\_\_\_\_ 68 Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_ 70 \_\_\_\_\_ 71 Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ 73 \_\_\_\_\_ 75 Coefficient Storage: \_\_\_\_\_ 76 \_\_\_\_\_ 78

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



Well No.