

FORM 9-1642 (1-68)

Well No. F-45

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by JCM Source of data BOWC Date 9-71 Map \_\_\_\_\_

State 28 County (or town) Prentiss 59

Latitude: 34° 30' 53" N Longitude: 08° 34' 22" W Sequential number: 1

Lat-long accuracy: 3 T. 5 N. 70 W. Sec. 28 SW. SE t. NW t.

Local well number: F045DB2805507E Other number: \_\_\_\_\_ B & M

Local use: 268 Owner or name: \_\_\_\_\_

Owner or name: HERSHEL ARNOLD Address: Booneville

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

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

Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other H

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, 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: D

WELL-DESCRIPTION CARD

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

Depth cased: \_\_\_\_\_ ft Casing type: Steel ; Diam. in 4

Finish: porous concrete, gravel v. (perf.), (screen), gallery, end, horiz. open perf., screen, sd. pt., shored, other X

Method Drilled: air bored, cable, dug, rot., hyd jetted, percussion, rotary, air reverse, driven, drive wash, other H

Date Drilled: 9-7-71 Pump intake setting: \_\_\_\_\_ ft

Driller: Bond's Well Drlg.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other  Deep  Shallow 40

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

Descrip. MP 485 (11/89) ft above below LSD, Alt. MP

Alt. LSD: 460 Accuracy: 5

Water Level: \_\_\_\_\_ ft above below MP; Ft below LSD 60 Accuracy: 0

Date meas: 8-7-71 Yield: \_\_\_\_\_ gpm Method determined 1

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

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

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No.

F-45

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03 Section: \_\_\_\_\_

STATE OF OHIO

Drainage Basin: \_\_\_\_\_

13B Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series **K3** \_\_\_\_\_ aquifer, formation, group **CN**

Lithology: \_\_\_\_\_ **US** Origin: \_\_\_\_\_ **G** Aquifer Thickness: **40** ft

Length of well open to: \_\_\_\_\_ ft **40** Depth to top of: \_\_\_\_\_ ft **140**

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

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

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

**Intervals Screened:**

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

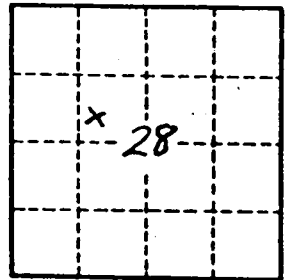
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

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

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

*Red clay 0-36  
Blue clay 36-140  
Water sand 140-180*



Well No. **E-45**

PRENTISS  
F-45  
8-5-71

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

8-5 1971 Bonds Well Drilling Premier  
date well completed firm name county well located

**CODED**

LANDOWNER: <u>Herbie Arnold</u>	description of formations encountered	from	to
<u>Bonville Miss</u> (mailing address)			
WELL LOCATION: sec <u>28 T 5 N</u> R <u>7</u> <u>4</u> miles <u>S-E</u> of <u>Bonville</u> (distance) (direction) (nearest town)	<u>Red clay</u>	<u>0</u>	<u>36</u>
WELL PURPOSE: <u>Home</u> (home, irrigation, municipal, industrial)	<u>Blue clay</u>	<u>36</u>	<u>140</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>4</u>	<u>Water sand</u>	<u>140</u>	<u>180</u>
(2) total depth (feet) <u>180</u>			
(3) static water level (feet) <u>60</u> below above top of ground.			
(4) casing <u>Steel</u> <u>42</u> (material) (depth)			
(5) screen <u>none</u> (length) (depth to top)			
(6) pump <u>Had on pump</u> (HP) (yield gpm)			
(7) electric log <u>no</u> (yes or no)			
(8) how well bottom plugged <u>open</u>			
DRILLERS REMARKS:			

**CODED**

SEP 20 1971

MISS. BD. OF  
WATER COMM.

# WHEELER QUAD

3253 II NE  
(BOONEVILLE)

35' 355 356 357 358 359

