

Booneville

FORM 9-1642 (1-68)

Well No. F9 9 log # 32

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by WTO Source of data Obs. driller Date 9/69 Map _____

State 28 County PRENTISS (or town) 59

Latitude: 37° 38' 11" N Longitude: 088° 31' 37" W Sequential number: 11

Lat-long accuracy: 2 T. 5 S. R. 7 Sec. 23 NW SW NE NE

Local well number: F009AA2305SOTE Other number: _____

Local use: 021032 Owner of name: _____

Owner or name: BIG N WATER ASN Address: East of Booneville

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R)

Water: (S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Destroyed Z

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (W) (X) (Y) (Z) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. Z

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

Hyd. lab. data: _____

Qual. water data; type: MSB04 9/69

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

Aperture cards: _____

Log data: E log 259' - 471' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 471 ? ft 430 Meas. 3

Depth cased: (first perf.) ? ft 430 Casing type: Steel : Diam. 4x2 in 4

Finish: (C) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) concrete, gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open end, other S

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

Date Drilled: 9/69 9:69 Pump intake setting: _____ ft 36

Driller: HERNDON-NOMAN SHANNON, MISS

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (type): air, bucket, cent, jet, (cent.) (turb.) noise, piston, rot, submerg, turb, other S Deep Shallow

Power (type): diesel elec nat LP 1 1/2 T Trans. or meter no. _____

Descrip. MP 545' (11/89) ft above below LSD, Alt. MP _____

Alt. LSD: 540 Accuracy: topo 4

Water Level 220 ft above below MP; Ft below LSD 220 Accuracy: _____ D

Date meas: 9-18-69 9:69 Yield: _____ Method determined 20

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____ Sp. Conduct _____ K x 10 6 Temp. _____ Date sampled _____

Taste, color, etc. _____

Well No.

110

PUNCHED

Latitude-longitude N
S

HYDROGEOLOGIC CARD

STATE: 23 03 Section: _____
SAME AS ON MASTER CARD Province: _____

D Drainage Basin: 13B Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ system _____ series R3 aquifer, formation, group M.S

Lithology: _____ U.S Origin: _____ 6 Aquifer Thickness: > 32 ft

Length of well open to: _____ ft 20 Depth to top of: _____ ft 44.0

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: 2" SS.

Depth to consolidated rock: _____ ft _____ Source of data: _____

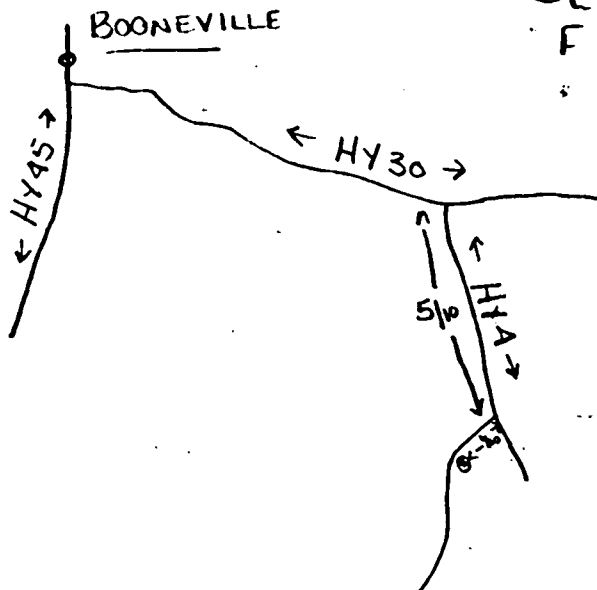
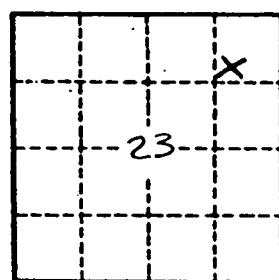
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpd/ft; Number of geologic cards: _____

PH. 7.1 Co₂ = 24
Fe .9 T.hard = 140
Alk 140
CL = 6
F = 0



See attached drillers log

Well No. F 9

Prentiss Co
F9
9-18-69

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

CODED

WATER WELL DRILLERS LOG

9-18-69 date well completed
Hemlock Home Well & Supply firm name
Prentiss county well located

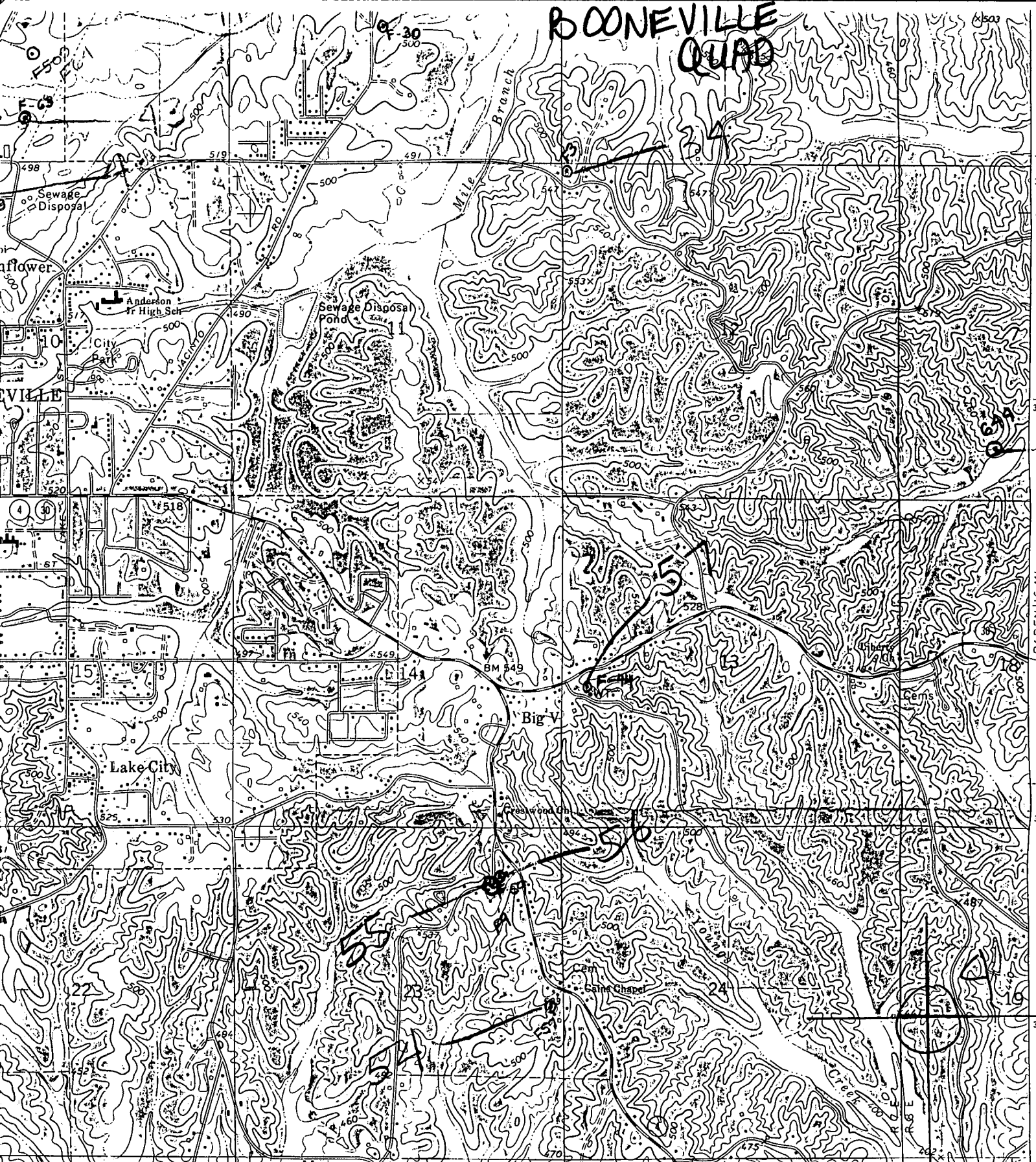
LANDOWNER: <u>Big V Water Association</u> <u>Booneville, Miss</u> (mailing address)	description of formations encountered	from	to
WELL LOCATION: sec <u>23 T 5 S</u> R <u>7 E</u> miles <u>E</u> of <u>Booneville</u> (distance) (direction) (nearest town)			
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Red Sandy Clay</u>	<u>0</u>	<u>18</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>4"</u>	<u>Red Sand</u>	<u>18</u>	<u>24</u>
(2) total depth (feet) <u>472</u>	<u>Blue Clay</u>	<u>24</u>	<u>55</u>
(3) static water level (feet) <u>220</u> below top of ground	<u>Light Blue Sand</u>	<u>55</u>	<u>79</u>
(4) casing <u>steel</u> <u>258</u> (material) (depth)	<u>Blue Clay</u>	<u>79</u>	<u>109</u>
<u>2"</u> (size) If telescope see back.	<u>Light Sand</u>	<u>109</u>	<u>116</u>
(5) screen <u>20'</u> <u>430'</u> (length) (depth to top)	<u>Water Sand (Fine)</u>	<u>116</u>	<u>160</u>
(6) pump <u>1 1/2</u> (HP) <u>20</u> (yield gpm)	<u>Blue Clay</u>	<u>160</u>	<u>177</u>
<u>electric</u> (type power)	<u>Blue Clay (streak sand)</u>	<u>177</u>	<u>214</u>
(7) electric log <u>yes</u> # <u>32</u> (yes or no)	<u>sand</u>	<u>214</u>	<u>220</u>
<u>WSSGS</u> (organization running log)	<u>Blue Clay</u>	<u>220</u>	<u>227</u>
(8) how well bottom plugged <u>B/W</u>	<u>Light Sand</u>	<u>227</u>	<u>234</u>
DRILLERS REMARKS: <u>Water</u>	<u>Hard Rock</u>	<u>234</u>	<u>236</u>
<u>NOT ACCEPTABLE: NO</u>	<u>Blue Clay</u>	<u>236</u>	<u>308</u>
<u>well made</u>	<u>Blue Clay (Hummy)</u>	<u>308</u>	<u>340</u>
	<u>Blue Clay (streak sand)</u>	<u>340</u>	<u>362</u>
	<u>Light Sand</u>	<u>362</u>	<u>404</u>
	<u>Sand streak Clay</u>	<u>404</u>	<u>440</u>
	<u>Sand</u>	<u>440</u>	<u>465</u>
	<u>Gravel</u>	<u>465</u>	<u>472</u>

CODED

(Iron?)

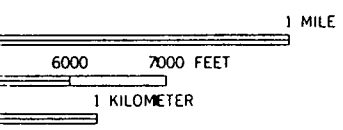
Samples from screen 430-450
Well not made.

BOONEVILLE QUAD



1358 132'30" 1359 1360

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975
DENNIS 23 MI. 1362000m.E. 88° 3'



ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road
- Interstate Route
- U. S. Route
- State Route

