

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by B. D. Source of data Flow Date 5-71 Map _____

State 25 County (or town) Prestons 59

Latitude: 34 39 46 N Longitude: 088 29 50 Sequential number: 1

Lat-long accuracy: 3 5 8 0 7 SW SE NE NW

Local well number: 6051A B D 705508E Other number: _____ B & M

Local use: 021 Owner or name: CLIFTON MILZE Address: Bonville

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

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

Use of well: (A) 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

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 340 Meas. rept accuracy 3

Depth cased; (first perf.) _____ ft 190 Casing type: steel ; Diam. _____ in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) ad. pt., (W) shored, (X) open bble, (Ø) other X

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

Date Drilled: 9-7-71 Pump intake setting: _____ ft _____

Driller: Allen - H. 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, other _____ Deep Shallow

Power (type): (nat) diesel, (elec) elec, (gas) gas, (gasoline) gasoline, (hand) hand, (LP) gas, (wind) wind; H.P. 5 Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) 5

Water Level 158 ft above below MP; 158 LSD Accuracy: _____

Date meas: 3-7-71 Yield: _____ gpm Method determined 3

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

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No.

G 51

HYDROLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03
20 21

Section:

D Drainage Basin:

13B
23 25

Subbasin:

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

MAJOR AQUIFER:

system

series

K3
28 29

aquifer, formation, group

CS
30 31

Lithology:

US
32 33

Origin:

6
34

Aquifer Thickness:

140 ft

Length of well open to: ft

140
35 37

Depth to top of: ft

200
38 43

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:

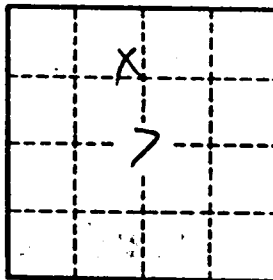
Surficial material:

Infiltration characteristics:

Coefficient Trans: gpd/ft

Coefficient Storage:

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



Well No.

551

PRENTISS
G-51
3-18-71

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

CODED

WATER WELL DRILLERS LOG

3-18 1971 Hendon-Hornwell Prentiss
date well completed firm name county well located

LANDOWNER: Clifton Meyer
Route 6
Booneville, Miss.
(mailing address)

| description of formations encountered | from | to |
|---------------------------------------|------------|------------|
| <u>Sandstone sand & clay</u> | <u>0</u> | <u>28</u> |
| <u>Blue clay</u> | <u>28</u> | <u>40</u> |
| <u>Sand</u> | <u>40</u> | <u>49</u> |
| <u>Blue clay</u> | <u>49</u> | <u>200</u> |
| <u>Sand</u> | <u>200</u> | <u>340</u> |
| <u>Bitto</u> | <u>340</u> | |

WELL LOCATION:
sec. 7 T. 5 N. R. 5 E.
2 1/2 miles E of Booneville
(distance) (direction) (nearest town)

WELL PURPOSE: home
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 4"
(2) total depth (feet) 340'
(3) static water level (feet) 158' below above top of ground.
(4) casing Steel 190'6"
(material) (depth)
4"
(size) if telescope see back.
(5) screen no
(length) (depth to top)
(size) (material)
(6) pump 1/2 3
(HP) (yield gpm)
Electric
(type power)
(7) electric log no
(yes or no)
(organization running log)
(8) how well bottom plugged open

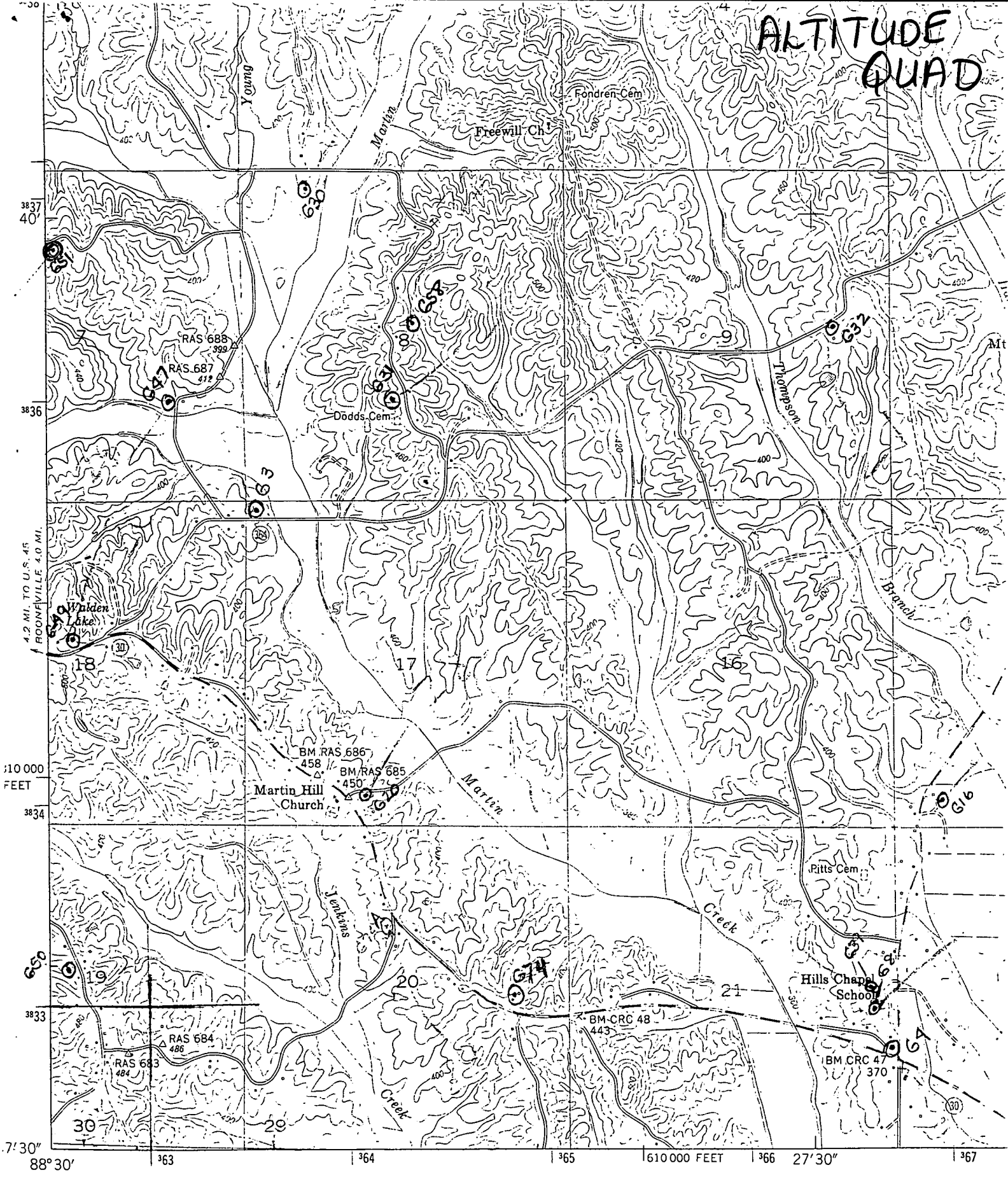
CODED

MAY 12 1971

DRILLERS REMARKS:

MISS. Bd. of
WATER COMMISSIONERS

ALTITUDE QUAD



4.2 MI. TO U.S. 45
FOONVILLE 4.0 MI.

110 000
FEET

88° 30' 363 364 365 610 000 FEET 366 27' 30" 367

Mapped and edited by Tennessee Valley Authority
 Published by the Geological Survey
 Control by USC&GS, USGS, and TVA
 Topography by USGS and TVA by photogrammetric methods
 using aerial photographs taken 1948.
 Map field checked by TVA, 1950
 Polyconic projection. 1927 North American datum
 10,000 foot grid based on Mississippi (East).

