

**PUNCHED**

**WELL SCHEDULE**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**DEC 27 1972**

**MASTER CARD**

Record by J.S. Source of data Bowc Date 11/69 Map \_\_\_\_\_

State \_\_\_\_\_ County 28 (or town) Prentiss 5:9

Latitude: 34<sup>deg</sup> 43<sup>min</sup> 38<sup>sec</sup> N Longitude: 088<sup>deg</sup> 21<sup>min</sup> 50<sup>sec</sup> W Sequential number: 1

Local well number: 0019CC1604S09E Other number: \_\_\_\_\_

Local use: 171 Owner or name: \_\_\_\_\_

Owner or name: W C WILLIAMS Address: Booneville

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

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

Water: (S) (T) (U) (V) (W) (X) (Y) (B) H

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) 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: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

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

**WELL-DESCRIPTION CARD**

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 200 Meas. rept accuracy 3

Depth cased: (first perf.) \_\_\_\_\_ ft 42 Casing type: Steel Diam. \_\_\_\_\_ in 4

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

Method Drilled: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (B) H

Date Drilled: 9.6.9 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: \_\_\_\_\_ name (L) (M) address \_\_\_\_\_

Lift (type): (A) (B) (C) (J) multiple, multiple, none, piston, rot, submerg, turb, other  Deep  Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 3/4 Trans. or meter no. S

Descrip. MP 533 (11/89) above ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) 5

Water Level 72 ft above below MP; Ft below LSD 72 Accuracy: \_\_\_\_\_

Date meas: 7.6.9 Yield: \_\_\_\_\_ spm 4 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 \_\_\_\_\_

Well No. D 19

RECORDED

Well No. D 19

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: D Subbasin: 18R

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

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

Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: 60 ft

Length of well open to: \_\_\_\_\_ ft 60 Depth to top of: \_\_\_\_\_ ft 190

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: None

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

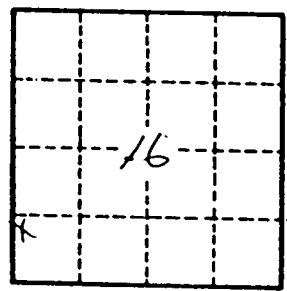
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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 + yellow sand 0-34  
Blue clay 34-140  
Water sand 140-200*



Well No. D 19

CODED  
**CODED** ✓

Prentiss Co.  
D 19  
7-69

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

WATER WELL DRILLERS LOG

7-21 1969 Bomb Well Driller Prentiss  
date well completed firm name county well located

LANDOWNER: <u>W. C. Williams</u>	description of formations encountered	from	to
HW 30E 728600Z			
<u>Brownville</u> (mailing address)	<u>Red and Yellow sand</u>	<u>0</u>	<u>34</u>
	<u>White clay</u>	<u>34</u>	<u>140</u>
	<u>Water sand</u>	<u>140</u>	<u>200</u>
WELL LOCATION: <u>Sec 4 T 4 N R 9 E</u> <u>15</u> miles <u>East</u> of <u>Brownville</u> (distance) (direction) (nearest town)			
WELL PURPOSE: <u>Home</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>4</u>			
(2) total depth (feet) <u>200</u>			
(3) static water level (feet) <u>72</u> below top of ground.			
(4) casing <u>Steel</u> , <u>42</u> (material) (depth)			
<u>      </u> If telescope see back. (size)			
(5) screen <u>none</u> (length) (depth to top)			
<u>      </u> (size) (material)			
(6) pump <u>3/4</u> <u>4</u> (HP) (yield gpm)			
<u>A.T.</u> (type power)			
(7) electric log <u>no</u> (yes or no)			
<u>      </u> (organization running log)			
(8) how well bottom plugged <u>open</u>			
DRILLERS REMARKS:			

CODED

APR 7 1969  
MISSISSIPPI  
STATE BOARD OF WATER COMMISSIONERS

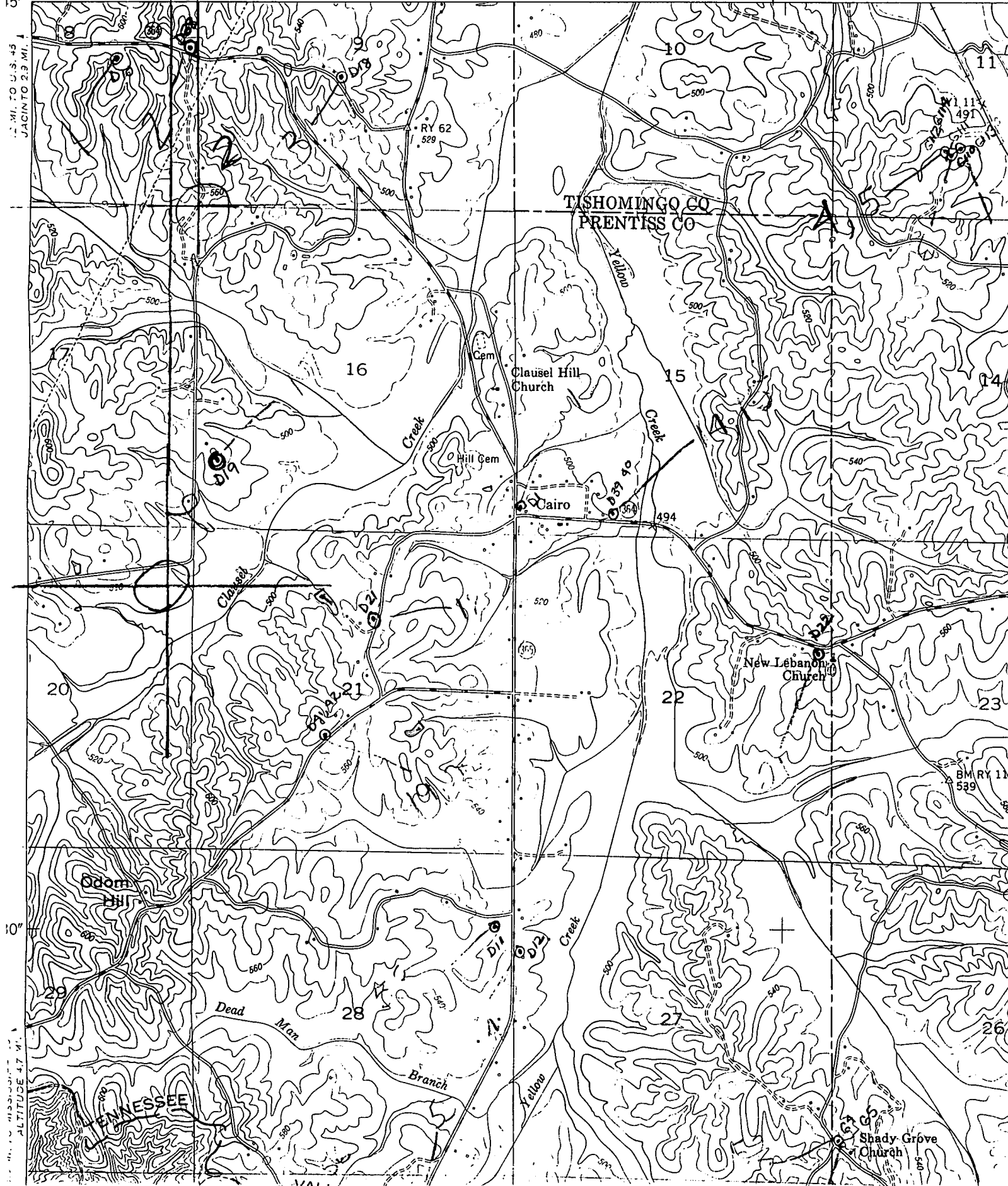
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

TEN

8° 22' 30"  
15'

BURNSVILLE 7.2 MI.  
6.9 MI. TO U.S. 72

1.2 MI. TO U.S. 45  
JACINTO 2.3 MI.



10°  
ALTITUDE 4.7 MI.

1.2 MI. TO U.S. 45  
JACINTO 2.3 MI.