

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

JUL 13 1973

MASTER CARD

Record by JCM Source of data BOWC Date 6-73 Map \_\_\_\_\_

State 28 County Prentiss 59

Latitude: 34<sup>4</sup>23<sup>0</sup>N Longitude: 08<sup>8</sup>28<sup>1</sup>2 Sequential number: 1

Lat-long accuracy: 3<sup>0</sup> T 4<sup>0</sup> S R 8<sup>0</sup> Sec 28 NW Sally NW

Local well number: C019BB2804S08E Other number: \_\_\_\_\_

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

Owner or name: HERSHEL LAMBERT Address: Booneville

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, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instat, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) 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: \_\_\_\_\_

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 400 Meas. 3

Depth cased: (first perf.) 105 Casing type: Steel Diam. 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other S

Method: (A) Drilled, (B) air rot., (C) bored, (D) cable, (E) dug, (F) hyd jetted, (G) air rot., (H) percussion, (I) rotary, (J) reverse, (K) trenching, (L) driven, (M) drive wash, (N) other H

Date Drilled: 9-73 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Bonds address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other  Deep  Shallow

Power (type): (A) diesel, (B) gas, (C) gasoline, (D) hand, (E) gas, (F) wind, (G) H.P., (H) LP, (I) Trans. or meter no. 2

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

Alt. LSD: 530 Accuracy: 530 (source) 20

Water Level: \_\_\_\_\_ ft above below MP; \_\_\_\_\_ ft above below LSD 150 Accuracy: \_\_\_\_\_

Date meas: 5-73 Yield: \_\_\_\_\_ gpm 4 Method determined \_\_\_\_\_

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

QUALITY OF WATER DATA: Iron 1.0 ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 200 K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled 6-73

Taste, color, etc. PH 7.0

Well No. C19

Well No. \_\_\_\_\_

**PHOTOGRAPH**

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

**HYDROGEOLOGIC CARD**

1 **SAME AS ON MASTER CARD** 18 **Physiographic Province:** \_\_\_\_\_ 20 **03** 21 **Section:** \_\_\_\_\_

22 **D** **Drainage Basin:** \_\_\_\_\_ 23 **13B** 25 **Subbasin:** \_\_\_\_\_ 26

**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 \_\_\_\_\_ 27

**MAJOR AQUIFER:** \_\_\_\_\_ 28 **K3** 29 \_\_\_\_\_ 30 **EZ** 31

**Lithology:** \_\_\_\_\_ 32 **S** 33 **Origin:** \_\_\_\_\_ 34 **6** **Aquifer Thickness:** **45** ft

**Length of well open to:** \_\_\_\_\_ 35 ft **45** 37 **Depth to top of:** \_\_\_\_\_ 38 ft **355** 43

**MINOR AQUIFER:** \_\_\_\_\_ 44 \_\_\_\_\_ 45 \_\_\_\_\_ 46 \_\_\_\_\_ 47

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

**Length of well open to:** \_\_\_\_\_ 51 ft \_\_\_\_\_ 54 **Depth to top of:** \_\_\_\_\_ 57 \_\_\_\_\_ 59

**Intervals Screened:** **NONE**

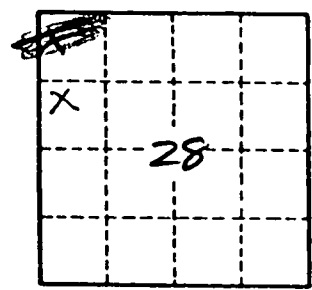
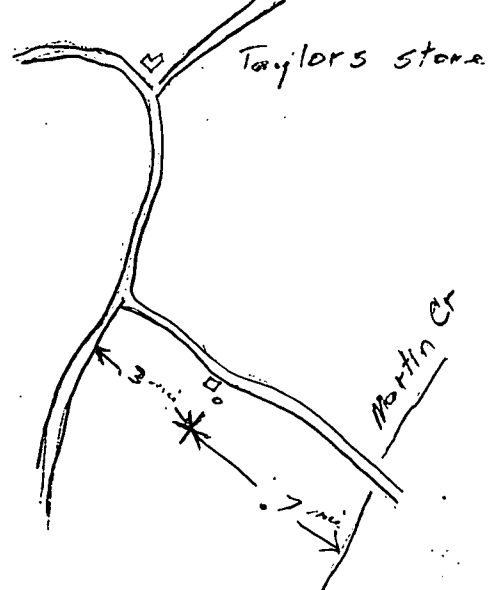
**Depth to consolidated rock:** \_\_\_\_\_ ft \_\_\_\_\_ 40 \_\_\_\_\_ 43 **Source of data:** \_\_\_\_\_ 44

**Depth to basement:** \_\_\_\_\_ ft \_\_\_\_\_ 45 \_\_\_\_\_ 48 **Source of data:** \_\_\_\_\_ 49

**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. **C19**

**PRENTISS**  
**C 19**  
**5-29-73**

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

WATER WELL DRILLERS LOG

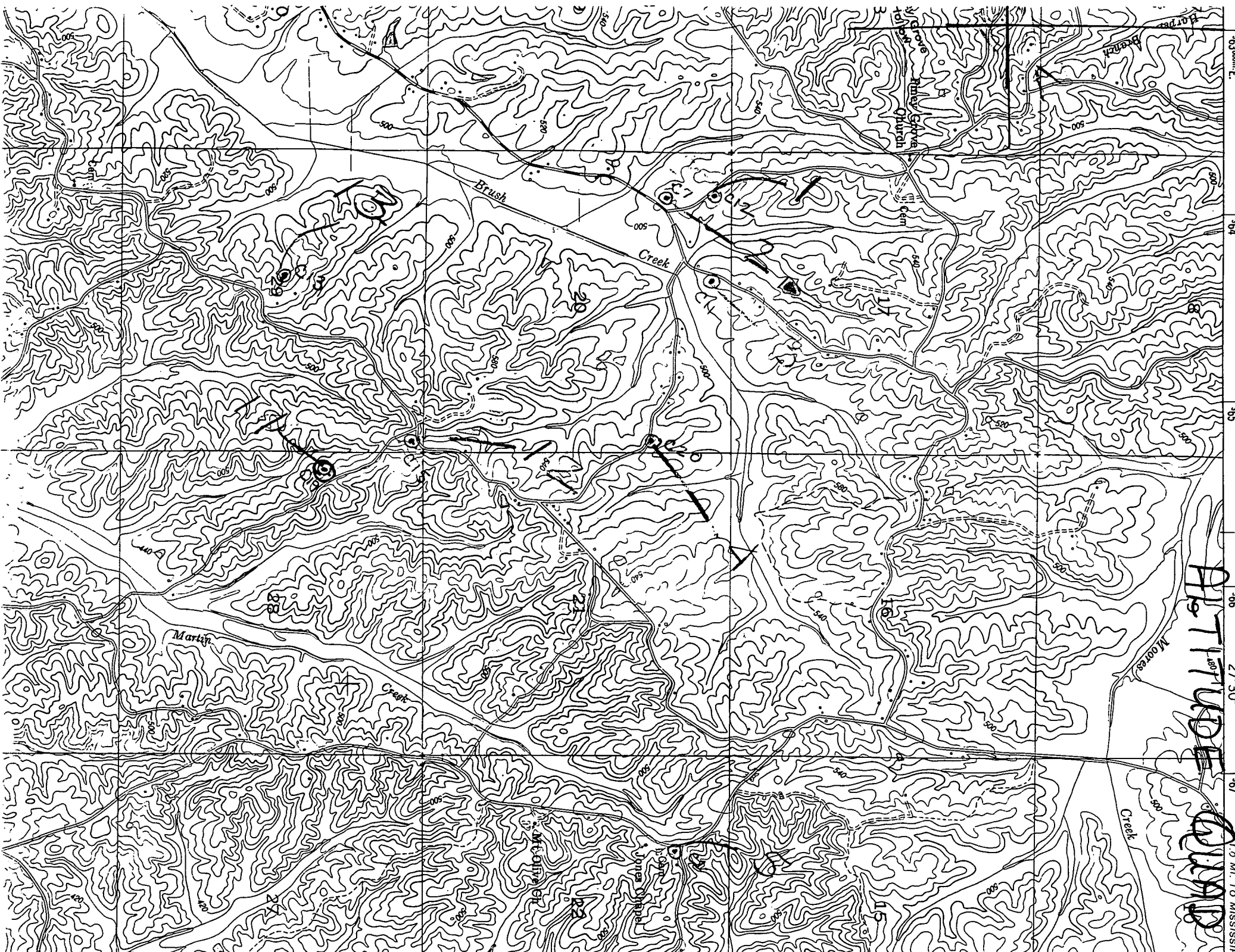
**CODED**

5-29 19 73 Bonds Well Drilling Prentiss  
 date well completed firm name county well located

LANDOWNER: <u>Harold J. Bond</u>	description of formations encountered	from	to
(mailing address)			
<u>Prentiss, Miss.</u>	<u>Red clay</u>	<u>0</u>	<u>32</u>
	<u>yellow sand</u>	<u>32</u>	<u>100</u>
	<u>Blue clay</u>	<u>100</u>	<u>355</u>
	<u>White sand</u>	<u>355</u>	<u>400</u>
<b>WELL LOCATION:</b>			
sec. <u>28</u> T <u>4</u> N R <u>3</u> E <u>6</u> miles <u>NE</u> of <u>Prentiss</u> (distance) (direction) (nearest town)			
<b>WELL PURPOSE:</b> <u>Home</u> (home, irrigation, municipal, industrial)			
<b>WELL COMPLETION DATA:</b>			
(1) diameter (inches) <u>4</u>			
(2) total depth (feet) <u>400</u>			
(3) static water level (feet) <u>150</u> <sup>below</sup> above top of ground.			
(4) casing <u>steel</u> <u>125</u> (material) (depth)			
_____ if telescope see back. (size)			
(5) screen <u>None</u> (length) (depth to top)			
(size) _____ (material) _____			
(6) pump <u>20</u> <u>4</u> (HP) (yield gpm)			
<u>AC</u> (type power)			
(7) electric log <u>No</u> (yes or no)			
_____ (organization running log)			
(8) how well bottom plugged <u>None</u>			
<b>DRILLERS REMARKS:</b>			

**CODED**

JUN 8 1973



136300m E

1364

1365

1366

1367

27°30'

1.0 MI. TO MISSISSIPPI

**ALTIMETER**  
**CHAMP**