

Marietta

FORM 9-1642 (1-68)

Well No. LS3

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES **PUMPED**

MASTER CARD

Record by JCM Source of data BOWC Date 10-71 Map DEC 27 1972

State 28 County (or town) Prentiss 59

Latitude: 34^{deg} 30^{min} 49^{sec} N Longitude: 08^{deg} 28^{min} 30^{sec} W Sequential number: 1

Lat-long accuracy: 2^{min} 6^{sec} S 8^{sec} W 32^{min} SE 1/4 NW 1/4 SE 1/4

Local well number: L053BD3206S08E Other number: _____ B & H

Local use: 268 Owner or name: _____

Owner or name: JAMES STACY Address: Booneville

Ownership: County, Fed Gov't, 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) (T) (U) (V) (W) (X) (Y) (Z) PI

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (B) (C) (D) (E) (F) (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; period: _____

Aperture cards: _____ yes no

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 113.0 ft Meas. rept. accuracy 3

Depth cased (first perf.): 3.9 ft Casing type: Steel ; Diam. 4 in

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

Method: (A) drilled, (B) air rot., (C) bored, (D) cable, (E) dug, (F) hyd jettied, (G) air rot., (H) percussion, (I) air reverse, (J) rotary, (K) air reverse, (L) air reverse, (M) air reverse, (N) air reverse, (O) air reverse, (P) air reverse, (Q) air reverse, (R) air reverse, (S) air reverse, (T) air reverse, (U) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Y) air reverse, (Z) air reverse H

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

Driller: Bonds Well Drlg.

Lift (type): (A) air, bucket, cent., (B) air, bucket, cent., (C) air, bucket, cent., (D) air, bucket, cent., (E) air, bucket, cent., (F) air, bucket, cent., (G) air, bucket, cent., (H) air, bucket, cent., (I) air, bucket, cent., (J) air, bucket, cent., (K) air, bucket, cent., (L) air, bucket, cent., (M) air, bucket, cent., (N) air, bucket, cent., (O) air, bucket, cent., (P) air, bucket, cent., (Q) air, bucket, cent., (R) air, bucket, cent., (S) air, bucket, cent., (T) air, bucket, cent., (U) air, bucket, cent., (V) air, bucket, cent., (W) air, bucket, cent., (X) air, bucket, cent., (Y) air, bucket, cent., (Z) air, bucket, cent. J Deep Shallow

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 3/4 5 Trans. or meter no. _____

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

Alt. LSD: 38.0 Accuracy: (source) _____

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

Date meas: 9-7-71 Yield: _____ gpm Method determined _____

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.

LS3

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03 Section: 20 21

1313

Drainage Basin:

1313 Subbasin: 23 25

26

Topo of well sit (D) (C) (E) (F) (H) (K) (L) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:

system series 53

aquifer, formation, group 22

Lithology:

UN

Origin:

2

Aquifer Thickness:

43 ft

Length of well open to: 33 37

ft 43

Depth to top of: 34

ft 8.7

MINOR AQUIFER:

system series

aquifer, formation, group

Lithology:

Origin:

Aquifer Thickness:

ft

Length of well open to: 31 33

ft

Depth to top of: 34

ft

Intervals Screened:

NONE

Depth to consolidated rock:

ft

Source of data:

44

Depth to basement:

ft

Source of data:

49

Surficial material:

70 71

Infiltration characteristics:

72

Coefficient Trans:

spd/ft 73 75

Coefficient Storage:

76 78

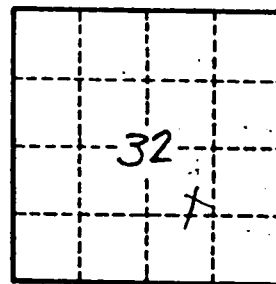
Coefficient Perm:

spd/ft² Spec cap:

gpm/ft; Number of geologic cards:

79

Red clay 0-33
Blue clay 33-87
Water sand 87-30



Well No.

L53

Prentiss
 53
 9-30-71

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

CODED

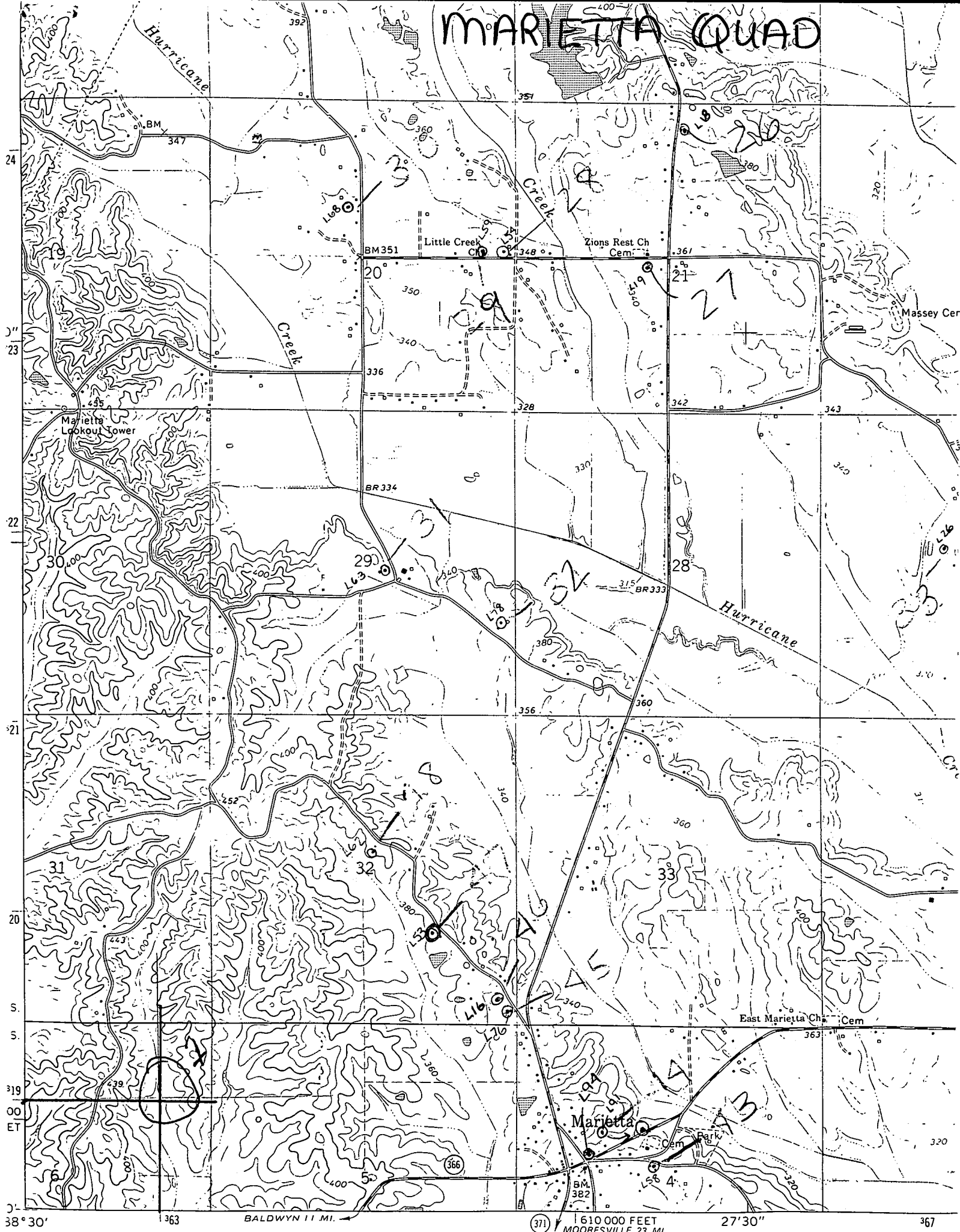
WATER WELL DRILLERS LOG

9-30 1971 Bond Well Drilling Prentiss
 date well completed firm name county well located
 1st Co. TOL. 2nd TOL. ON LT.

LANDOWNER: <u>James P. Staley</u>	description of formations encountered	from	to
<u>Brownville Miss</u> (mailing address)	<u>Red clay</u>	<u>0</u>	<u>33</u>
	<u>Blue clay</u>	<u>33</u>	<u>87</u>
	<u>Water sand</u>	<u>87</u>	<u>130</u>
WELL LOCATION:			
sec <u>32</u> T <u>6</u> N R <u>8</u> E <u>12</u> miles <u>S-E</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>130</u>			
(3) static water level (feet) <u>69</u> <u>below</u> above top of ground.			
(4) casing <u>Steel</u> <u>39</u> (material) (depth) (size) if telescope see back.			
(5) screen <u>None</u> (length) (depth to top) (size) (material)			
(6) pump <u>3/4</u> <u>5</u> (HP) (yield gpm) <u>Gas pump</u> (type power)			
(7) electric log <u>No</u> (yes or no) (organization running log)			
(8) how well bottom plugged <u>Open</u>			
DRILLERS REMARKS:			
OCT 4 1971			
MISS. Bd. of WATER COM'RS			

CODED

MARIETTA QUAD



38° 30' 363 BALDWIN 11 MI. Mapped, edited, and published by the Geological Survey

610 000 FEET MOORESVILLE 23 MI. 27° 30' 367