

FORM 9-1642 (1-68)

Well No. H53

PUNCHED

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

DEC 8 1972

MASTER CARD

1988
WL = 160.2

Record by JCM Source of data BOWC Date 6-72 Map _____

State 28 County (or town) Union 73

Latitude: 34 28 22 N Longitude: 08 85 60 8 Sequential number: 1

Lat-long accuracy: 5 70 30 Sec 13 SE NW SE

Local well number: H053 1307513E Other number: _____ B & M

Local use: 027 Owner or name: HAYS HOWELL Address: Senter

Mr. Billy Miller

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other _____ H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) 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 no

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 605 Meas. rept accuracy _____ 3

Depth cased: (first perf.) _____ ft 267 Casing type: Steel; Diam. _____ in _____ 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) multiple, (K) multiple, (L) none, (M) piston, (N) rot, (O) submerg, (P) turb, (Q) other _____ P

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

Date Drilled: 9-7-72 Pump intake setting: _____ ft _____ 36 38

Driller: J.W. White

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 _____ S Deep _____ 39 Shallow _____ 40

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

Descrip. MP u/g 440 _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: _____ 453 (source) Topo

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

Date meas: 5-7-72 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 10 _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

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Well No. _____

Latitude-longitude _____
d m s N S

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: 15F Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group C3

Lithology: _____ Origin: 6 Aquifer Thickness: 103 ft

Length of well open to: _____ ft 300 Depth to top of: _____ ft 507

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: 300' of perf. pipe in bottom of well

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: _____

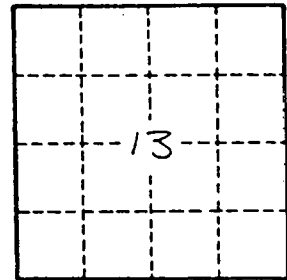
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

6/93
W.L. 166.1'
Elev. 440'

Mr. Billy Miller

storehouse

wooden "teepee" cottage
open casing



Well No.

H53

Union
H 53
5-23-72

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

WATER WELL DRILLERS LOG **CODED**

May 23 19 72 J. W. Webb & Sons Union
 date well completed firm name county well located

LANDOWNER: <u>Hays Howell</u>	description of formations encountered	from	to
<u>Center</u> (mailing address)	<u>Soil</u>	<u>0</u>	<u>1</u>
	<u>Sand</u>	<u>1</u>	<u>50</u>
	<u>Blue Rock</u>	<u>50</u>	<u>140</u>
	<u>Sand & Clay</u>	<u>140</u>	<u>158</u>
	<u>Blue Rock</u>	<u>258</u>	<u>501</u>
	<u>Water Rock</u>	<u>501</u>	<u>582</u>
	<u>Water Sand</u>	<u>502</u>	<u>605</u>
	<u>Coffee Sand</u>		
WELL LOCATION: sec. <u>13</u> T. <u>7</u> N R. <u>3</u> E <u>1</u> miles <u>West</u> of <u>Center</u> (distance) (direction) (nearest town)			
WELL PURPOSE: (home, irrigation, municipal, industrial)	<u>300 ft per pipe</u> <u>in bottom</u> <u>of well</u>		
WELL COMPLETION DATA: (1) diameter (inches) <u>4"</u> (2) total depth (feet) <u>605 ft</u> (3) static water level (feet) <u>211</u> below top of ground. (4) casing <u>Steel</u> , <u>267 ft</u> (material) (depth) <u>4"</u> (size) If telescope see back. (5) screen <u>0</u> <u>0</u> (length) (depth to top) <u>0</u> <u>0</u> (size) (material) (6) pump <u>3/4 HP Sub 8</u> (HP) (yield gpm) <u>Electric</u> (type power) (7) electric log <u>0</u> (yes or no) (organization running log) (8) how well bottom plugged			
DRILLERS REMARKS:			

CODED

JUN 19 1972

MISS. BD. OF
 WATER COMMISSIONERS



11 Branch

Union Hill

Adair Cem

Snider Cem

Stack Cem

Water Tank

Lebanon Cem

New Albany East
Center
Quad

Hopewell Cem

Mound City

BM 482

Water Tank

Branch