

E-109 # 39

FORM 9-1642 (1-68)

Well No. D 5

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

PUNCHED
WATER RESOURCES DIVISION
MAY 9 1973

MASTER CARD

Record by G.J. Dalsin Source of data Bowc F-109 Driller Date 8-9-72 Map _____

State 28 County (or town) Webster 78

Latitude: 33 40 05 N Longitude: 08 91 15 Sequential number: 7

Lat-long accuracy: 3 T 21 S, R 11 E, Sec 19, k, SE k, SW k

Local well number: D005DC1921N11E Other number: _____ B & M

Local use: 081039 Owner or name: MISS FORESTRY C Address: Walthall, Miss.

Owner of name: Mississippi Forestry Commission

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, (S) State Agency, (W) Water Dist _____ 5

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

Log data: E-log = 7-193 ft. D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 200 Meas. _____ 3

Depth cased: (first perf.) _____ ft 160 Casing type: _____; Diam. 4x2 in _____ 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other _____ S

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

Date Drilled: 8-9-72 972 Pump intake setting: _____ ft _____ 30 38

Driller: Charles P. Lovorn name address Slate Springs

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 _____ S Deep _____ 5 Shallow _____ 40

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

Descrip. MP 560 ft above _____ below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) 50 contour _____ 5

Water Level _____ ft above _____ below MP; Ft. above _____ below LSD _____ 90 Accuracy: _____ D

Date meas: _____ 872 Yield: _____ gpm _____ 10 Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 66 68

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____ 72

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ 74 76 Date sampled _____ 77 79

Taste, color, etc. _____

Well No.

D 5

Latitude-longitude

N
S

HYDROGEOLOGIC CARD

1 **SAME** 19 **Physiographic Province:** 03 Section: _____

2 **Drainage Basin:** D **Subbasin:** 15K 26

(D) (C) (E) (F) (H) (K) (L)
 Topo of well site: (0) (P) (S) (T) (U) (V) H
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group LW

Lithology: _____ Origin: 2 **Aquifer Thickness:** 35 ft

35 Length of well open to: _____ ft 40 Depth to top of: _____ ft 45

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ **Aquifer Thickness:** _____ ft

51 Length of well open to: _____ ft 54 56 Depth to top of: _____ ft 57 59

Intervals Screened: _____

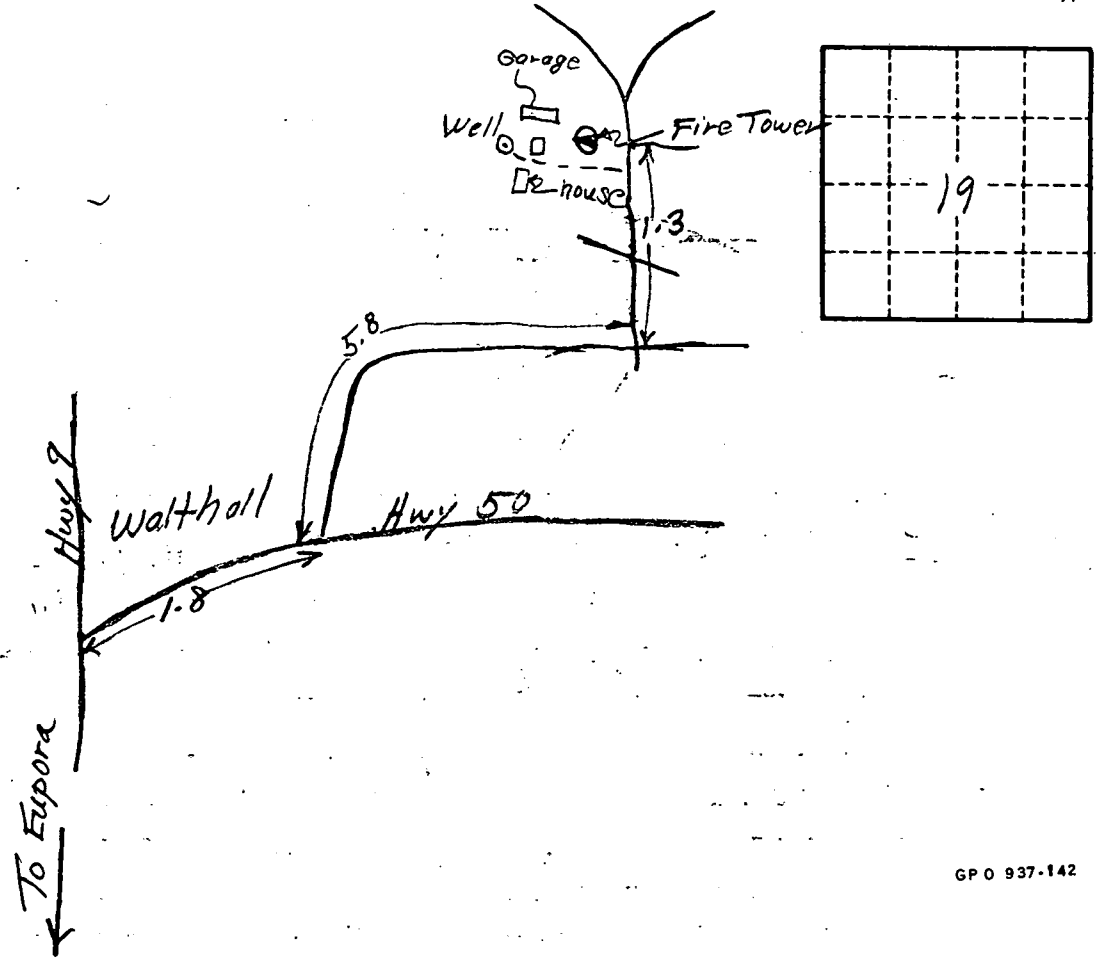
Depth to consolidated rock: _____ ft 60 63 **Source of data:** _____ 64

Depth to basement: _____ ft 65 68 **Source of data:** _____ 69

Surficial material: _____ **Infiltration characteristics:** _____ 72

Coefficient Trans: _____ gpd/ft 73 75 **Coefficient Storage:** _____ 76 78

Coefficient Perm: _____ gpd/ft²; **Spec cap:** _____ gpm/ft; **Number of geologic cards:** _____ 79



E log #39

Coded

Webster
D5
8-72

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

WATER WELL DRILLERS LOG

Aug 19 19 19 Charles Lavern Webster
date well completed firm name county well located

LANDOWNER: <u>Miss Forest</u> <u>Commission, P.O. Box 508</u> <u>Empire Miss</u> (mailing address)	description of formations encountered	from	to
	<u>Red Sand</u>	<u>0</u>	<u>144</u>
	<u>Red yellow sand</u>	<u>144</u>	<u>140</u>
	<u>White sand</u>	<u>140</u>	<u>200</u>
WELL LOCATION:			
sec. <u>19</u> T. <u>16</u> N. R. <u>11</u> E			
<u>6</u> miles <u>NE</u> of <u>Montee</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>90</u> ^{below} above top of ground.			
(4) casing <u>plastic</u> <u>140</u> (material) (depth)			
(size) if telescope see back.			
(5) screen <u>40</u> <u>160'</u> (length) (depth to top)			
<u>2"</u> <u>plastic</u> (size) (material)			
(6) pump <u>3/4</u> <u>10</u> (HP) (yield gpm)			
<u>Electric</u> <u>US95</u> (type power)			
(7) electric log <u>no</u> <u>yes</u> (yes or no)			
(organization running log)			
(8) how well bottom plugged <u>gravel</u>			
DRILLERS REMARKS:			

NOV 10 1972

Miss. Bd. of Water Comm.