

WELL SCHEDULE  
GEOLOGICAL SURVEY

Flg # 231  
WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data Bowc MGS Date 8/74 Map Ridgeland

State Miss 28 County (or town) Madison 45

Latitude: 32 28 58 N Longitude: 09 01 34 W Sequential number: 1

Lat-long accuracy: 2 7 0 Sec 6 SW NW SE NE

Local well number: V 0 4 2 D A 0 6 0 7 N O 1 E Other number: #1 B & M

Local use: 0 6 4 2 3 1 Owner or name: LAKE LORMAN Address: Lake Lorman Utility District

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

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) Recharge, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other WA P

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:

Aperture cards:  CCKE

Log data: Flg 10'-714' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 606 Meas. rept accuracy: 3

Depth cased (first perf.): 546 Casing type: 10x8 Diam. in: 10

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

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

Date Drilled: 6-20-74 9:74 Pump intake setting: ft

Driller: Singer Layne Jackson Ms

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 T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) other 40 V Trans. or meter no. 40

Descrip. MP  above  below LSD, Alt. MP 307 Accuracy: tops 4

Alt. LSD: 307 Accuracy: tops 4

Water Level: 152 Accuracy: D

Date meas: 7:74 Yield: 250 Method determined: 61

Drawdown: ft Accuracy: 65 Pumping period: hrs 68

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10<sup>6</sup> Temp. F Date sampled 77 79

Taste, color, etc. 77 79

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

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

**HYDROGEOLOGIC CARD**

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

Drainage Basin: 15K Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group CΦ

Lithology: IS Origin: Z Aquifer Thickness: 90 ft

Length of well open to: \_\_\_\_\_ ft 60 Depth to top of: \_\_\_\_\_ ft 530

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: \_\_\_\_\_

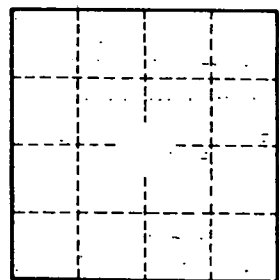
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_



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

Madison  
 V42  
 7-3-74  
 E Log #231  
 7/3

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

CODED

WATER WELL DRILLERS LOG

1974 Singer-Layne Central Div Madison  
 firm name county well located

LANDOWNER	description of formations encountered	from	to
<u>Lake Leman</u> <u>Let Owners Association</u>			
<u>Ridgeland Miss</u> (mailing address)	<u>yellow clay</u>	<u>0</u>	<u>15</u>
WELL LOCATION:	<u>gray clay</u>	<u>15</u>	<u>296</u>
sec. <u>6</u> T. <u>7</u> N. R. <u>1</u> E	<u>Clay, sh. Phale, sand</u>	<u>296</u>	<u>453</u>
(distance) miles (direction) of (nearest town)	<u>Shale, Sand</u>	<u>453</u>	<u>546</u>
WELL PURPOSE: (home, irrigation, municipal, industrial)	<u>Sand</u>	<u>546</u>	<u>618</u>
WELL COMPLETION DATA:	<u>Sand, sh. Phale, and lignite</u>	<u>618</u>	<u>682</u>
(1) diameter (inches) <u>10"</u>	<u>Sand, sh. Phale &amp; lignite</u>	<u>682</u>	<u>712</u>
(2) total depth (feet) <u>613'</u>			
(3) static water level (feet) <u>152</u> below above top of ground.			
(4) casing <u>Steel</u> <u>546'</u> (material) (depth)			
<u>10"</u> if telescope see back. (size) <u>63' 8"</u>			
(5) screen <u>60'</u> <u>546'</u> (length) (depth to top)			
<u>6</u> <u>Stainless Steel</u> (size) (material)			
(6) pump <u>40</u> <u>250</u> (HP) (yield gpm)			
<u>Electric</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>Miss Geo. Survey</u> (organization running log)			
(8) how well bottom plugged <u>Valve</u>			
DRILLERS REMARKS:			

CODED

RECEIVED  
 AUG 21 1974

MISS. BD. WATER COMM.



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AA DATE: 9-14-94  
UNIT DEQ #: 84090 FILE #: B091419A  
HEALTH DEPT. #: 450017-01 ELEV. 320  
USGS #: V42 OLWR #: GW12965  
OWNER: Lt. Lockman W.D. QUAD: Ludger  
LOCATION: NE/SW S 6 T 7N R 1E COUNTY: Madison  
LOCATION DESCRIPTION: well located in fenced area, <sup>G. TANK behind</sup> treatment house, NW of g. tank is well  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine 140 HP  
GPS FIELD LOCATION: LAT. 32.28.938N LONG. 90.13.764W  
GPS CORRECTED LOCATION: LAT. 32.48210302 LONG. 90.22949186  
REMARKS: .6 mile at Lakeshore Entrance to well  
on R. side of rd. wait to Lab.

2:45 pm  
2:53 pm

3598000mN  
T 8 N  
T 7 N  
3597  
3596  
3595  
27°30'  
3594  
3593



Mt Olive Ch  
Cem  
Sandhill

Mt Olive Ch  
Cem

BR 278

BM 221

MERIDIAN  
CHOCTAW  
GLINES CO  
MADISON CO

Lake Lormar

Lake Cavalier

18

17

Green

2000000