

~~066~~ 0610007-01

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Versup Source of data M.S.G.S Date 11.29.66 Map Brandon

State Missi County Rankin (or town) 61

Latitude: 32<sup>deg</sup> 18<sup>min</sup> 50<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 95<sup>min</sup> 54<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> T. 60<sup>N</sup> S. R. 4<sup>0</sup> W. Sec 31 N6 SW 19 / SE / SE / NW B & M

Local well number: H008Ae3106N04E Other number: \_\_\_\_\_

Local use: 026152 Owner or name: Evergreen Water Test Hole # 1

Owner or name: EVERGREEN W. A. Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other unused

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed N

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling:  Pumpage inventory:  no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: Flag 10-858 ft. CC&F D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1810 ft. Meas. rept 3

Depth cased: 1770 ft. Casing type: Steel ; Diam. 8x6 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

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

Date Drilled: 11-2-66 966 Pump intake setting: \_\_\_\_\_ ft

Driller: Forest Ind. Serv. name \_\_\_\_\_ 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 T Deep 0 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 20 Y Trans. or meter no. \_\_\_\_\_

Descrip. MP 450 above ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 442 T. 442 Accuracy: (source) 5

Water Level: \_\_\_\_\_ ft above MP; \_\_\_\_\_ ft below LSD 236 Accuracy: 0

Date meas: 467 Yield: \_\_\_\_\_ gpm 06 Method determined 4

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

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

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

Taste, color, etc. \_\_\_\_\_

PUNCHED and VERIFIED  
ROLLA COMPILATION BRANCH

Well No. H8

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

Latitude-longitude \_\_\_\_\_

DROGEOLOGIC CARD

NAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03  
20 2

D  
22

Drainage Basin: \_\_\_\_\_

1131T  
23 25

Subbasin

Site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

OR IFER: \_\_\_\_\_ system \_\_\_\_\_ series TIE CCKF aquifer, \_\_\_\_\_

Geology: \_\_\_\_\_ S Origin: \_\_\_\_\_ 2

40 Length of well open to: \_\_\_\_\_ ft 40 Depth to top of: \_\_\_\_\_

OR IFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, for \_\_\_\_\_

Geology: \_\_\_\_\_ Origin: \_\_\_\_\_

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

Intervals screened: \_\_\_\_\_

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

Thickness to cement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

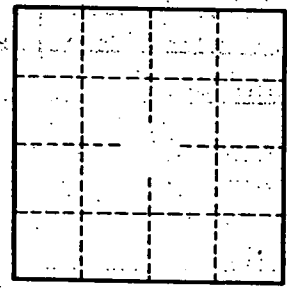
Official aerial: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Efficient storage: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Efficient storage: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

W.L. -1967 236.0  
W.L. -1980-264.0  
11/89 - 270.96

H 8 Elevation WA  
W.L. 264'  
Elev 450  
264  
186  
H-23  
1974  
Logne  
290  
1.34  
288.66  
3.00  
285.66  
Elev 445  
264  
159  
Diagram showing well location with distances 100', 50', 500' and labels HB, B.



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

H 8

RANKIN  
H-8  
11-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 11-2-66 10-31, 19 66, Driller: Forest Drilling Rankin, Miss.  
(Name)

COPIED  
1165  
COPIED

(1) Owner of Land: Evergreen Water  
(Name) Assoc.  
Rankin County, Miss.  
(Address)

(2) Location: NE 1/4, SW 1/4, Sec. 31 T6 R4E  
3 miles SW of Brandon  
(distance) (direction) (Nearest Town)

(3) Topography:  (Hilly)  (Flat)  (Level)

(4) Purpose of Well: Test well  
(Domestic Irrigation, Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Brown Clay</u>	<u>20</u>	<u>20</u>
<u>Clay + shells &amp; mud</u>	<u>24</u>	<u>44</u>
<u>Clay</u>	<u>58</u>	<u>102</u>
<u>Clay + shells &amp; mud</u>	<u>20</u>	<u>122</u>
<u>Clay</u>	<u>66</u>	<u>188</u>
<u>Rock</u>	<u>7</u>	<u>190</u>
<u>Shale Clay</u>	<u>139</u>	<u>329</u>
<u>Shale</u>	<u>42</u>	<u>371</u>
<u>Hard Shale</u>	<u>102</u>	<u>473</u>
<u>Sandy Shell + Rock</u>	<u>20</u>	<u>493</u>
<u>Sandy Shell + clay</u>	<u>20</u>	<u>513</u>
<u>Clay + silt</u>	<u>22</u>	<u>535</u>
<u>Shale + silt</u>	<u>31</u>	<u>566</u>
<u>Shale + shells &amp; rock</u>	<u>10</u>	<u>576</u>
<u>Shale + silt &amp; mud</u>	<u>21</u>	<u>597</u>
<u>Soft Shale</u>	<u>19</u>	<u>616</u>
<u>Rock</u>	<u>1</u>	<u>617</u>
<u>Shale</u>	<u>40</u>	<u>657</u>
<u>Silt &amp; mud</u>	<u>20</u>	<u>677</u>
<u>Fine Sand</u>	<u>100</u>	<u>777</u>
<u>Shale</u>	<u>857</u>	

Information upon completion of well:

(1) Diameter 8 inches.

(2) Total Depth 857 feet.

(3) Water Level 224 feet below top of ground.

(4) Cased to 720, Size 8"

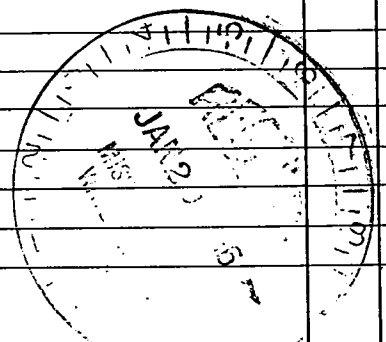
(5) Screen: Size 008 6", Length 40'

(6) Were any formations sealed against pollution?  
\_\_\_\_\_ yes, X no.

If YES depth of formation \_\_\_\_\_

Why \_\_\_\_\_

Drillers Remarks: Electric Log  
Run - Miss. Geo Survey  
11-2-66



Well No.

(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

Rankin  
H 8  
4-18-67

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

**COPIED**

WATER WELL DRILLERS LOG

4/18 1967 Forest Drilling Rankin  
date well completed firm name county well located

LANDOWNER: Covergreen  
Water Assn.  
Pt. 1, Box 188, Brandon, Miss.  
(mailing address)

WELL LOCATION:  
sec. 31 T 6 N R 4 E  
S S E  
5 miles E of Brandon  
(distance) (direction) (nearest town)

WELL PURPOSE: Community  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 8"  
(2) total depth (feet) 810'  
(3) static water level (feet) 236' below top of ground  
(4) casing 742' (depth)  
8" (size) if telescope see back.  
(5) screen 40' (length) 770' (depth to top)  
6" (size) stainless steel (material)  
(6) pump 20 (HP) 106 GPM (yield gpm)  
Elect. (type power)  
(7) electric log Yes (was or no)  
Miss. Geological (organization running log)  
(8) how well bottom plugged 6" x 2" Backwash Valve

description of formations encountered	from to	
Brown clay	0	30
Clay + other muddy sand	30	44
Clay	44	102
Clay + other fine sand	102	122
Clay	122	188
Rock	188	190
Clay	190	329
shale	329	371
hard shale	371	473
Sandy shale, rock + clay	473	513
Clay + silt	513	555
shale + silt	555	586
shale + other sand + rock	586	596
shale + silt sand	596	617
soft shale	617	636
Rock	636	637
shale	637	677
Silt sand	677	697
Fine sand	697	819
shale	819	857

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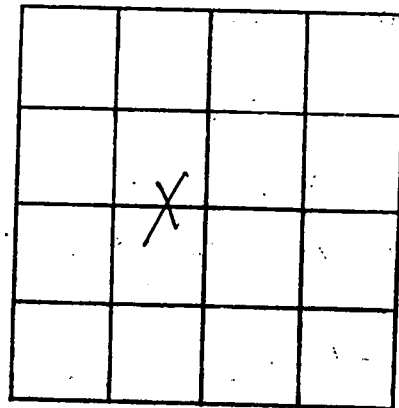
MISS. BD. OF  
WATER COMM.

DRILLERS REMARKS:

⊗

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 31

Please indicate well location X.

**ADDITIONAL INFORMATION**

Lined area for entering additional information, consisting of multiple horizontal lines.

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/31/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A073115B

HEALTH DEPT. #: 610007-01 ELEV. 450

USGS #: H8 OLWR #: \_\_\_\_\_

OWNER: Evergreen WA QUAD: Brandon

LOCATION: SE/NW S 31 T 6N R 4E COUNTY: Rankin

LOCATION DESCRIPTION: At elevated tank on Andrew Chapel Rd  
just north of intersection w/Trickham Bridge Rd

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/20 HP

GPS FIELD LOCATION: LAT. 32° 19.060' N LONG. 89° 55.776' W

GPS CORRECTED LOCATION: LAT. 32.31767428 LONG. 89.92980400

REMARKS: Measured 20' north of well  
In same fenced area as 610007-02  
\_\_\_\_\_  
\_\_\_\_\_

32° 19' 03.6"      89° 55' 47.3"

