

GW02853

FORM 9-1642 GPSd 9/25/96 Hornbeak Well No. G 38
(1-68)

WELL SCHEDULE

E-109 # 63

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by GJD

Source of data E-109

Date 11-16-73

Map Seven Pines Quad

State 29 County (or town) Carroll 08

Latitude: 33^{deg} 24^{min} 25^{sec} N Longitude: 09^{deg} 05^{min} 40^{sec} W Sequential number: 1

Lat-long Accuracy: 20 S, R 2 Sec 21 SE NW SW SE/NW/SE

Local well number: 503842118N02E Other number: _____

Local use: 002063 Owner or name: Gravel Hill Water Assoc.

Owner or name: PELUCIA W.A. Address: PELUCIA W.A.

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) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other 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, (M) Other W

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: no, yes, period: _____

Aperture cards: _____

Log data: E-109 5-1030' D.F.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 602 ft Meas. rept 3 accuracy _____

Depth cased: (first perf.) Split screen 549 Casing type: _____; Diam. 8x4 in _____

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

Method: (A) air, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air reverse, (R) trenching, (T) driven, (V) drive, (W) wash, (Z) other 1

Date Drilled: 11-15-73 11-15 Pump intake setting: _____ ft _____

Driller: Robert E. Martin Grenada

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T

Power (type): nat LP 20 V Trans. or meter no. _____

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

Alt. LSD: 370 380 Accuracy: (source) _____ 5

Water Level: _____ ft above below MP; _____ ft above below LSD 219 Accuracy: _____ D

Date meas: 474 Yield: 65 psi gpm 86 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. 20.0 °F _____ ppm Date sampled _____

Taste, color, etc. pH = 7.4 T = 20.0 °C

Well No. _____

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

Section: 03

Drainage Basin: E

Subbasin: 115J

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

MAJOR AQUIFER:

system _____

series _____

TIE

MUWX on permit

JIM

WNTL → JH

aquifer, formation, group

Lithology: _____

Origin: _____

3

Aquifer

Thickness: 130 ft

Length of well open to: _____ ft

30

Depth to top of: _____ ft

470

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: _____

Perm: _____

gpd/ft²

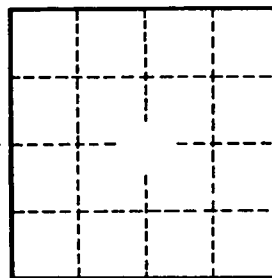
Spec cap: _____

gpm/ft; Number of geologic cards: _____

0'-504 8"

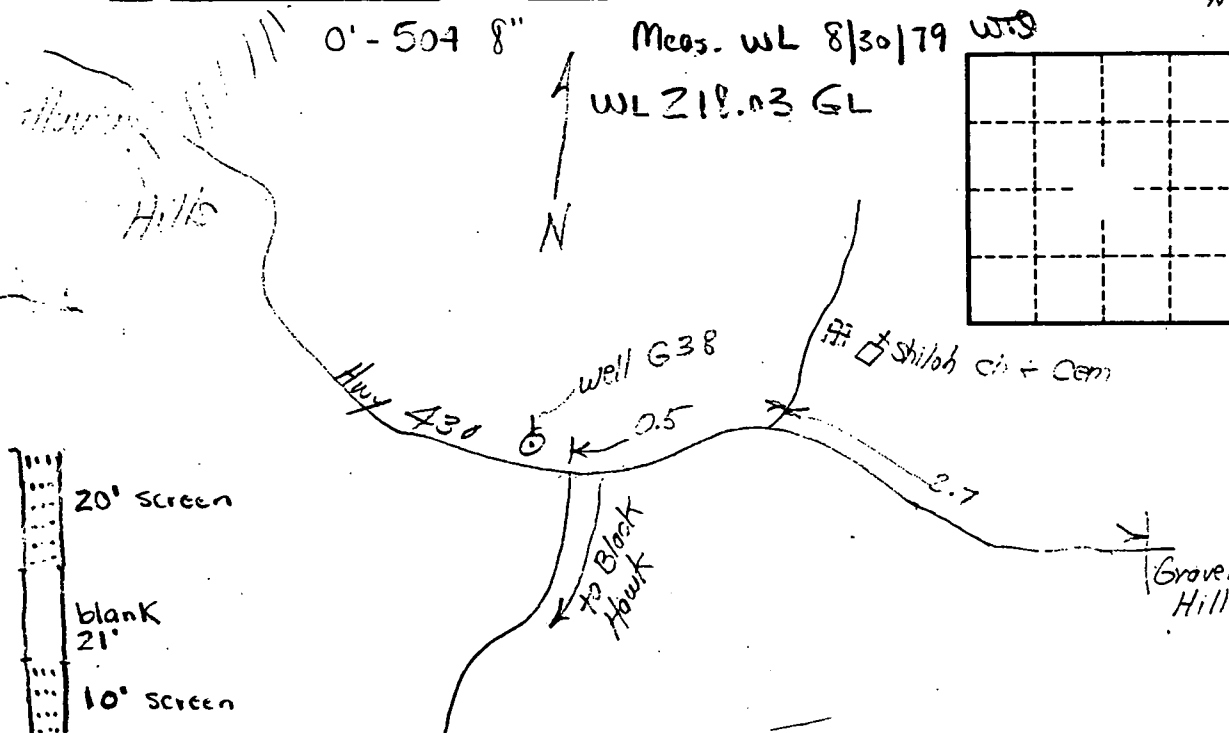
Meas. WL 8/30/79 WTS

WL 218.03 GL



Well No. _____

G38



Engineer: Charles James North Carrollton

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 9/25/96
UNIT DEQ #: 82859 FILE #: B092520A
HEALTH DEPT. #: 080003-01 ELEV. _____
USGS #: G38 OLWR #: GW02853
OWNER: Pe Lucia W/A #2 Gravel Hill QUAD: Gravel Hill
LOCATION: NW-SE S 21 T 18 N R 2 E COUNTY: Carroll
LOCATION DESCRIPTION: AT Ground Tanks on North side of Gravel Hill
Rd .10 mi East of Intersection with Seven Pines Rd.
CASING DIA: 8" PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 33° 24' 20.9" LONG. 90° 05' 35.9"
GPS CORRECTED LOCATION: LAT. 33.40585073 LONG. 90.09353768
REMARKS: GPS at Well.

GW 02853

CARROLL

G38

4-15-74

E log # 63

April 15 1974

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

CODED

WATER WELL DRILLERS LOG

Robert E. Rattiff & Son, Carroll

date well completed

firm name

county well located

LANDOWNER: Carroll Hill
Rural Water Assoc.
Carroll County, Miss.
(mailing address)

description of formations encountered	from	to
Top Soil	0	20
Clay	20	44
Gravel	44	125
Clay with Sand streaks	125	200
Sand	200	250
Clay	250	300
Sand	300	400
Clay	400	465
Sand + shale breaks	465	602

WELL LOCATION:
sec 21 T 18 (N) R 2 (E)
6 miles Southeast of Carroll
(distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 8" x 4"
 - (2) total depth (feet) 602
 - (3) static water level (feet) 219 below above top of ground.
 - (4) casing Blud Steel 504'
(material) (depth)
8"
(size) If telescope see back.
 - (5) screen 30' 455'
(length) (depth to top)
4" S.S.S.
(size) (material)
 - (6) pump 30 200
(HP) (yield gpm)
electric
(type power)
 - (7) electric log Yes
(yes/or no)
U.S.G.S.
(organization running log)
 - (8) how well bottom plugged Back
Release Valve

CODED

MISS. BD. OF WATER COMMISSIONERS

DRILLERS REMARKS:

