

GW1004

Hamilton

PUNCHED
APR 17 1975

FORM 9-1642
(1-68)

Well No. Q 70

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

E log # 97

PUNCHED
SEP 26 1973

MASTER CARD

Record by WTO Source of data Bowc Obs driller Date 7-3-73 Map CALEDONIA
State MISS County MONROE

Latitude: 33 44 17 N Longitude: 088 27 29 W Sequential number: 11
Lat-long accuracy: 20 T 15 S 18 E 30 NE SE SW SE

Local well number: Q 070 A A 30 15 S 18 W Other number: #1 B & M

Local use: 064097 Owner or name: HORTON NURSERY

Owner or name: HORTON NURSERY Address: Kerr Ms Gee #12

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

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

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data 70 Freq. W/L meas: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 4/75 74 C

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78 yes 79

Log data: E log 9' - 417' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 394 ft Meas. rept 3

Depth cased: 334 ft Casing type: 16x10 in accuracy 16

Finish: porous concrete, gravel w. concrete, (perfv.), gravel w. (screen), gravel w. (screen), horiz. gallery, end, open perf., screen, sd. pt., shored, hole, other S

Method: air bored, cable, dug, hyd jected, air rot., (cent.), (cent.) (curb.), (curb.), air reverse, percussive, rotary, driven, drive wash, other H

Date Drilled: 7-3-73 973 Pump intake setting: 36 ft 38

Driller: SINGER-LAYNE CLEVELAND MISS.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 40 Shallow 39

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 125 V Trans. or meter no. 41

Descrip. MP 215 ft above 41 below LSD, Alt. MP 42

Alt. LSD: 210 Accuracy: topo 47 4

Water Level: 79 ft above MP; 79 ft below LSD Accuracy: 52 D

Date meas: 7-7-73 Yield: 1000 gpm Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65

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

Sp. Conduct 100 K x 10⁶ 1 Temp. 18.5 F 18.5 Date sampled 4-3-75 475

Taste, color, etc. PH = 6.3

1992
86.04

1094

Well No.

Well No. _____

Latitude-longitude _____

PHYSIOLOGIC CARD

RECEIVED
2 FEB 20 1952

MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 137

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

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

Lithology: _____ Origin: 2 Aquifer Thickness: 85 ft

Length of well open to: _____ ft 60 Depth to top of: _____ ft 330

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: 25# slot

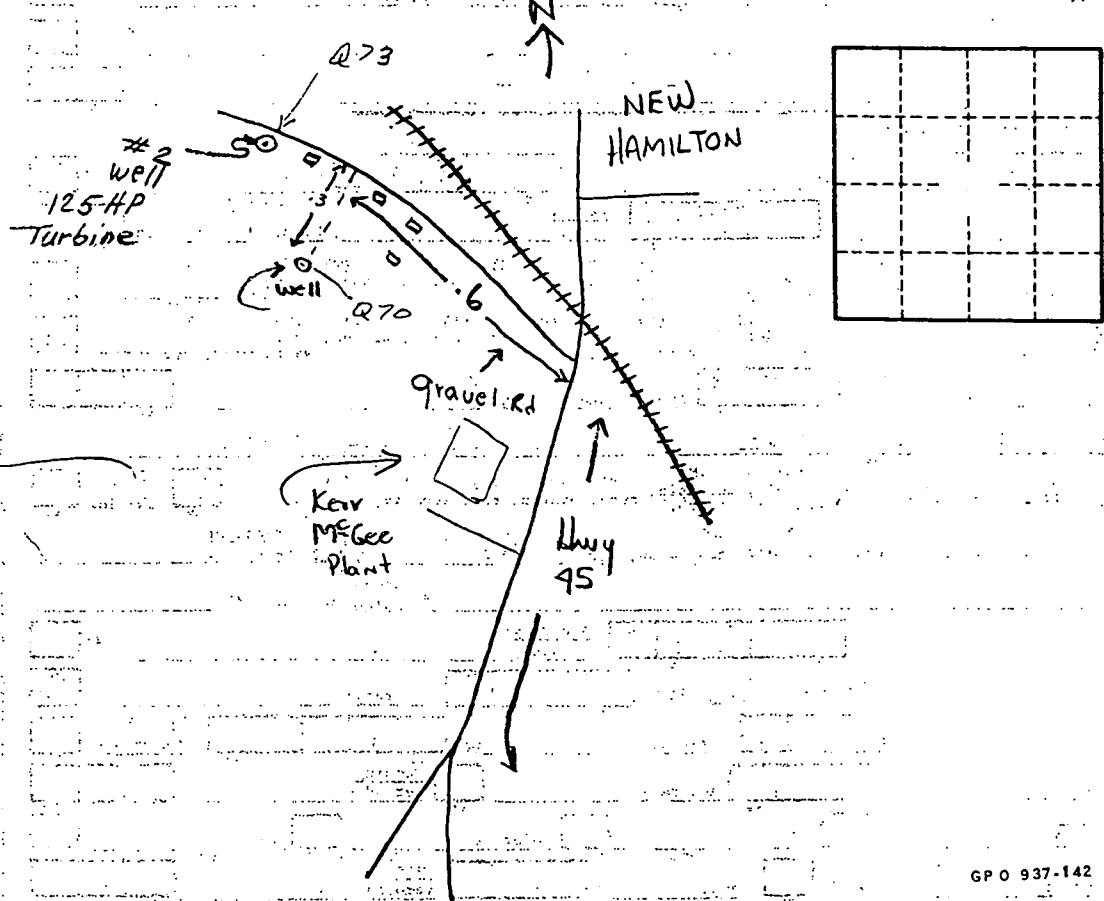
Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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



MONROE
 Q70
 log # 97
 7-27-73

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

CODED

July 27, 1973 Singer-Layne Central Div. Monroe
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
M.B. Gil - 01004			
Horton Nurseries, Inc.	Sandy Clay	0	11
Columbus, Mississippi	Sand & Gravel	11	26
(mailing address)	Blue Shale	26	86
WELL LOCATION:	Sandy Clay	86	97
sec. 30 T 15 N R 18 E	Clay	97	193
S W	Sandy Clay	193	225
_____ miles of Hamilton	Sand	225	289
(distance) (direction) (nearest town)	Sand & Clay Streaks	289	329
WELL PURPOSE: Industrial	Sand & Gravel	329	418
(home, irrigation, municipal, industrial)	Clay	418	419
WELL COMPLETION DATA:			
(1) diameter (inches) 16"			
(2) total depth (feet) 401'			
(3) static water level (feet) 79' below top of ground.			
(4) casing Steel 330' (material) (depth)			
16" (size) if telescope see back. 344 - 60 334			
(5) screen 60' 394' (length) (depth to top)			
10" Stainless Steel (size) (material)			
(6) pump 125 1000 (HP) (yield gpm)			
electric (type power)			
(7) electric log Yes (yes or no)			
U. S. Geological Survey (organization running log)			
(8) how well bottom plugged With 25# Shot			
DRILLERS REMARKS:			

CODED

AUG 21 1973

MISS. Bd. of WATER COMMISSIONERS

