

GW 991

Hamilton

WRD Exp. (GW)
April 1966

Well No. Q42

WELL SCHEDULE

E Log # 55

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PE. Grantham Source of data Driv. + E Log Date 11-26-68 Map Caledonia Quad

State Mississippi County Monroe (or town) 48

Latitude: 33 44 08 N Longitude: 088 26 20 Sequential number: 1

Lat-long accuracy: 2 15 19 W Sec 28 NW SW NE SE

Local well number: 0042 2915N19W Other number: 8 & M

Local use: 021055 Owner or name: HAMILTON WATER ASSOC

Owner or name: HAMILTON WATER ASSOC Address: Hamilton Miss

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, Représsure, Recharge, Desal-P S, Desal-other, Other P

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

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

Hyd. lab. data:

Qual. water data; type: 7-28-77

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

Aperture cards: yes

Log data: E Log 4-318

1992
105.80

PUNCHED

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 315 ft Meas. rept. accuracy 3

Depth cased: (first perf.) 255 ft Casing type: 8x4 in

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

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

Date Drilled: 11-26-68 968 Pump intake setting: 7 1/2 ft U

Driller: Herndon-Homen Drlg. Co., Shannon, Miss

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 3 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 7 1/2 U Trans. or meter no. 41

Descrip. MP 230 ft above below LSD, Alt. MP 230 ft below LSD, Alt. MP 10'CI Accuracy: (source) 4

Water Level 68 ft above below MP; Ft below LSD 68 Accuracy: D

Date meas: 1 169 Yield: 169 gpm Method determined 61

Drawdown: 115 ft Accuracy: 60 Pumping period: 68 hrs

QUALITY OF WATER DATA: Iron 90 ppm Sulfate 18 ppm Chloride 71 ppm Hard. 72 ppm

Sp. Conduct 90 K x 10⁶ Temp. 18 °F Date sampled 7-28-77

Taste, color, etc. pH = 6.0

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d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 13L

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G0

Lithology: US Origin: 2 Aquifer Thickness: 75 ft

Length of well open to: 61 ft Depth to top of: 241 ft

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: 4"

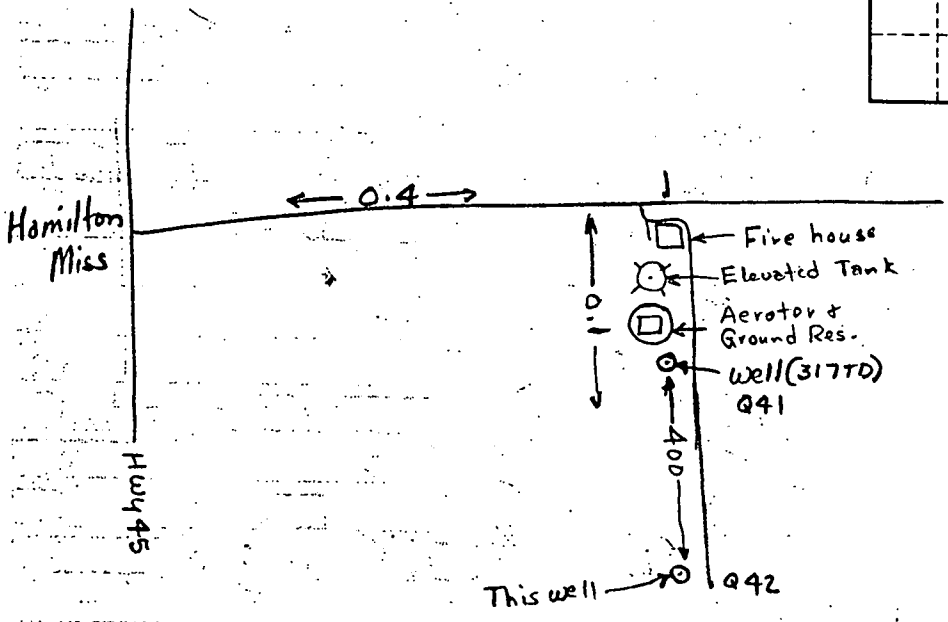
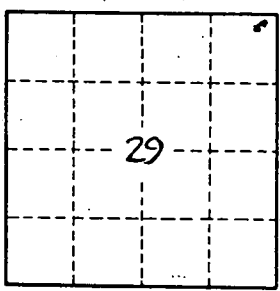
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/Et Coefficient Storage: _____

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



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