

WRD Exp. (GW)
April 1966

Well No. Q42

WELL SCHEDULE

6 Log # 55

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Hamilton 136A

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

State Mississippi 15 28 County (or town) Monroe 15 48

Latitude: 33 44 08 N Longitude: 08 8 26 20 Sequential number: 1

Lat-long accuracy: 2 T. 15 S. R. 19 Sec 29 28 NE NE NE

Local well number: 0042 2915 N19W Other well number: _____

Local use: 021055 Owner or name: Hamilton Water Assoc

Owner or name: HAMILTON W A Address: Hamilton Miss

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

Use of water: (A) Air cond, (B) Bottling, (C) Dewater, (D) Power, (E) Fire, (F) Dom, (G) Irr, (H) Med, (I) P S, (J) Rec, (K) Stock, (L) Instit, (M) Unused, (N) Reprssure, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) 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 _____ 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: no, period: _____

Aperture cards: _____

Log data: E Log 4-318 _____ D.E

WELL-DESCRIPTION CARD

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

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

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

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

Date Drilled: 11-26-68 968 Pump intake setting: _____ ft _____ 38

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

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____ T Deep _____ 40 Shallow _____

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

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

Alt. LSD: 230 _____ 230 Accuracy: (source) _____ 10' CI _____ 4

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

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

Drawdown: _____ ft _____ 15 Accuracy: _____ _____ 65 Pumping period _____ hrs _____ 68

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____ 72

Sp. Conduct 90 K x 10⁶ _____ Temp. 18 °F _____ Date sampled 7-28-77 _____ 77 _____ 79

Taste, color, etc. pH = 6.0

PUNCHED

Well No.

Q42

Well No. Q42

Latitude-longitude N
S
 d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 **Section:** _____

Drainage Basin: D **Subbasin:** 13L

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

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:** _____

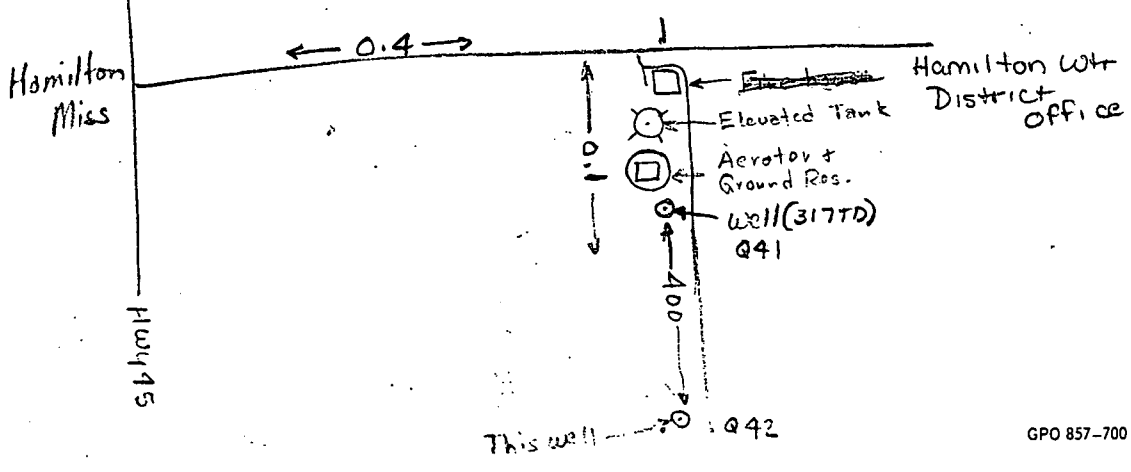
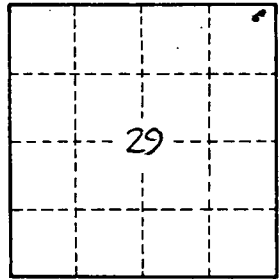
Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

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

Coefficient Perm: _____ gpd/ft²; **Spec cap:** _____ gpm/ft; **Number of geologic cards:** _____

9-6-91
 130.00 *load*
 15.33 *cost*
 114.67
 1.60 *mp*
 113.07



Well No. Q42

Monroe
Q 42
1-69
U.S.G.S.

1 1/2 well @ this loc ELOG # 55

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

CODED

WATER WELL DRILLERS LOG

Date: 1-19-69, Driller: Herndon-Homan Well & Supply, Inc. P. O. Box 42, Monroe, Louisiana 70006
(When well drilled) (Where well is located)

(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(Name) Hamilton Water Ass	Red clay	0	15
(Address) Hamilton, Miss.	Red Sand w/ gravel	55	20
(2) Location: NE 1/4 NE 1/4, Sec. 25 T15 R8 E	White chalk	20	25
0 miles, of Hamilton	Blue clay	25	40
(distance) (direction) (Nearest Town)	Sand	40	43
(3) Topography: Flat	Blue Rock	43	60
(Hilly) (Flat) (Level)	Fine Blue Sand	60	70
(4) Purpose of Well: Community	Brown (Boulders)	70	74
(Domestic Irrigation Municipal, Industrial, Other)	Sand	74	76
	Blue clay	76	90
Information upon completion of well:	Hard Rock	90	91
(1) Diameter 8 inches.	Blue clay	91	140
(2) Total Depth 315 feet.	Fine Sand	140	143
(3) Water Level 68 feet below top of ground.	Blue clay	143	185
(4) Cased to 24' 34', Size 4"	Tight Sand	185	205
(5) Screen: Size 4", Length 60'	Good White Sand	205	218
(6) Were any formations sealed against pollution?	Tight sand	218	228
yes, no.	Loose Sand	228	231
If YES depth of formation casing coated.	Tight sand	231	240
Why: Surface + sand	Good Sand w/ gravel	240	314
Drillers Remarks: Logged by USGS	Shale	314	315
Yield in gpm: 169	Blue clay	315	318
Size pump: 7 1/2	Bottom of test	318	
Type power: electric			

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

FEB - 3 1969

MISS. 90

