

WRD Exp. (GW)
April 1966

Well No. M102

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Well No. 2

MASTER CARD

Record by TN Shows Source of data Mayor Harris Date 12-8-66 Map Quitman Quad

State MISSISSIPPI County (or town) Clarke Co. Sequential number: 1

Latitude: 32° 02' 36" N Longitude: 088° 43' 36" W

Local well number: M102B C O 1 0 2 N 1 5 E Other number: B & M

Local use: X10 Owner or name: Town of Quitman

Owner or name: QUITMAN Address: Quitman, Miss

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist 67 M

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 68 P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed 69 W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 72

Hyd. lab. data: MSBON 9-23-59 73

Qual. water data; type: Complete chemical Analn. USGS 5-26-55 74 C

Freq. sampling: 0 Pumpage inventory: 1 yes 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 209 ft Meas. 209 accuracy 24 6

Depth cased: (first perf.) 169 ft Casing type: Steel ; Diam. 12x8 in 29 30

Finish: porous concrete, gravel w. (perf.), (F) gravel w. (screen), (G) horiz. open end, (H) open perf., (P) screen, (S) sd. pt., (T) shored, (W) open hole, (X) other 31 S

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (X) other 32 H

Date Drilled: 1936 Pump intake setting: 936 ft 33 35 36 38

Driller: Grzu Art. Well Co., Pensacola, Florida

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple (cent.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other M Deep 40

Power (type): diesel, (E) elec gas, gasoline, hand, gas, wind; H.P. 25 Trans. or meter no. V 41

Descrip. MP above ft below LSD. Alt. MP 47 4

Alt. LSD: 230± Accuracy: 230 (source) 47 4

Water Level: 11 1/2 ft above MP; 12 ft above LSD Accuracy: 52 G

Date meas: 1947 Yield: 47 gpm 600 Method determined 61

Drawdown: 47 ft Accuracy: 62 64 Pumping period: 65 66 68

QUALITY OF WATER DATA: Iron 07 ppm Sulfate 10 ppm Chloride 3.0 ppm Hard. 75 ppm 69 70 71 72

Sp. Conduct 322 K x 10 3 Temp. 67 °F Date sampled 555 73 74 76 77 79

Taste, color, etc. 78 79

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal P/21n 0.3 Section: East Gulf
Coastal Plain Drainage Basin: 13P Subbasin: 26

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

MAJOR AQUIFER: Tertiary system, Eocene series, T.E aquifer, formation, group, Sparta Sand 5.5

Lithology: U.S Origin: Z Thickness: 2 ft
Length of well open to: 40 ft Depth to top of: 41 ft

MINOR AQUIFER: 1 system, 1 series, 1 aquifer, formation, group, 1 Aquifer
Lithology: 1 Origin: 1 Thickness: 1 ft

Length of well open to: 34 ft Depth to top of: 37 ft

Intervals Screened: 169 - 200 - 8" 40' - 16 mesh

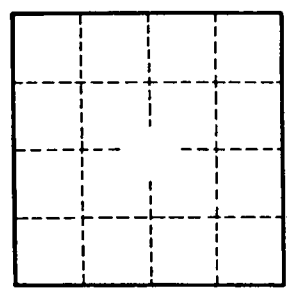
Depth to consolidated rock: 60 ft Source of data: 64

Depth to basement: 65 ft Source of data: 69

Surficial material: 70 Infiltration characteristics: 72

Coefficient Trans: 73 gpd/ft Coefficient Storage: 78

Coefficient Perm: 79 gpd/ft²; Spec cap: 79 gpm/ft; Number of geologic cards: 79



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