

WRD Exp. (GW)
April 1966

Well No. 51

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by T.N. Shaws Source of data Driller Date 1-27-67 Map _____

State MISSISSIPPI County (or town) Clarke 28 12

Latitude: 31 54 05 N Longitude: 09 83 52 W Sequential number: 7

Lat-long accuracy: 3 deg 1 min 17 sec 30 S, R SW, NE B & M

Local well number: 5001CA3001N17E Other number: _____

Local use: X19 Owner or name: Mrs. J. E. Shaw

Owner or name: MRS J M SHAW Address: Langsdale, Miss.

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

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

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes 0 no, period: _____

Aperture cards: _____ yes 0

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 388 ft Meas. 388 accuracy 3

Depth cased: _____ ft Casing type: G.I. Diam. 2 in

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

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

Date Drilled: 12-16-56 Pump intake setting: 9.54 ft

Driller: Ace Drilling Co. University Hills

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 0 Deep 0 Shallow 0

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 0 Trans. or meter no. _____

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

Alt. LSD: 315 Accuracy: 315 (source) 10' CI

Water Level: 79 ft above MP; Ft below LSD 79 Accuracy: _____

Date meas: 12-16-56 Yield: D.56 gpm 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. _____ °F Date sampled _____

Taste, color, etc. Water reported to have bad taste and smell, made for water conditioning.

Well No.

75

Well No. 51

Latitude-longitude N
S
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: East Gulf

Coastal Plain Drainage Basin: 1.3.P Subbasin: 26

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Sparta Sand (P) 5.5

Lithology: U.S. Origin: 2 Aquifer Thickness: 2 ft

Length of well open to: 38 ft Depth to top of: 41 ft

MINOR AQUIFER: U.S. series, TE aquifer, formation, group, Sparta Sand (P) 5.5

Lithology: U.S. Origin: 2 Aquifer Thickness: 2 ft

Length of well open to: 38 ft Depth to top of: 41 ft

Intervals Screened:

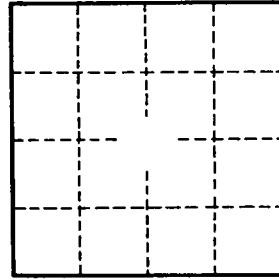
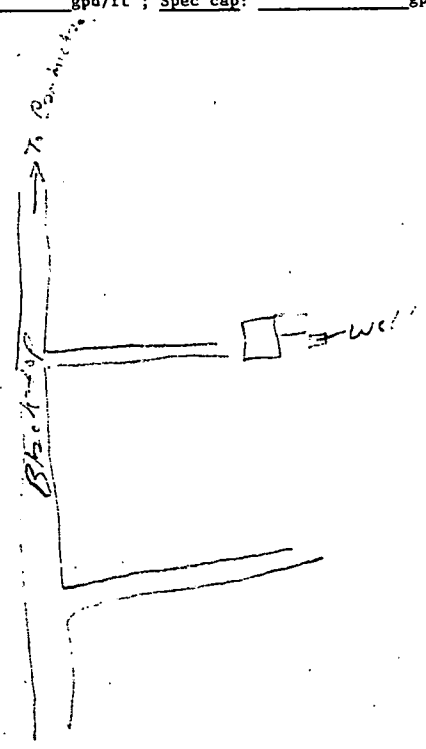
Depth to consolidated rock: 40 ft Source of data: 64

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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