

WRD Exp. (GW)
April 1966

Well No. 53

E Log # 121

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Jessup Source of data MSG-5 Date 12-6-66 Map approx. 2150' N + 450' E SW/cor. of sec.

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

Latitude: 31 57 24 N Longitude: 088 30 02 W

Lat-long accuracy: 20 T. 1 S. R. 18 E. Sec 6, NW 1/4, SW 1/4

Local well number: 5003 BC 0601 N18E Other number: No. 1 well

Local use: 009131 166 41 Owner or name: Thedville Water

Owner or name: E. J. ... address: Thedville, 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, Repressure, 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 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: Complete Chem. anal. USGS 1-6-67 74

Freq. sampling: 75 Pumpage inventory: 76 Aperture cards: 77

Log data: E log 6-540 ft. Partial Samples 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 171 ft Meas. 171 Meas. accuracy 3

Depth cased: (first perf.) 131 ft Casing type: G.I. Diam. 8x6 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other 5

Method Drilled: (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 4

Date Drilled: 11-18-66 Pump intake setting: 104 ft

Driller: Carlson Well Supply Memphis, Tenn.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other 5 Deep 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. 7

Descrip. MP Breather hole on plate which is 1.79 ft above LSD. Alt. MP 295.7

Alt. LSD: 295' Accuracy: 2.95 (source) Topo. CT = 2.0 ft

Water Level: 64.65 ft above MP; Ft below LSD 6.5 Accuracy: 52 A

Date meas: 12-19-66 Yield: 106 gpm Method determined 4

Drawdown: 25.75 ft Accuracy: 0 Pumping period 7 hrs hrs 7

QUALITY OF WATER DATA: Iron 44 ppm Sulfate 12 ppm Chloride 5.11 ppm Hard. 52 ppm

Sp. Conduct 160 K x 10⁶ Temp. 66 °F Date sampled 1-6-66 166

Taste, color, etc: Clear, pH = (field) = 5.9, sp. cond = 160

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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: East Gulf

Coastal Plain D Drainage Basin: Pascagoula 13P Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat 4

MAJOR AQUIFER: Tertiary Eocene TE Spartan S S aquifer, formation, group

Lithology: US Origin: 2 Aquifer Thickness: _____ ft

48 Length of well open to: _____ ft 40 Depth to top of: _____ ft

MINOR AQUIFER: _____ aquifer, formation, group

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 131 to 171

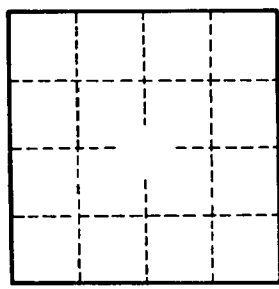
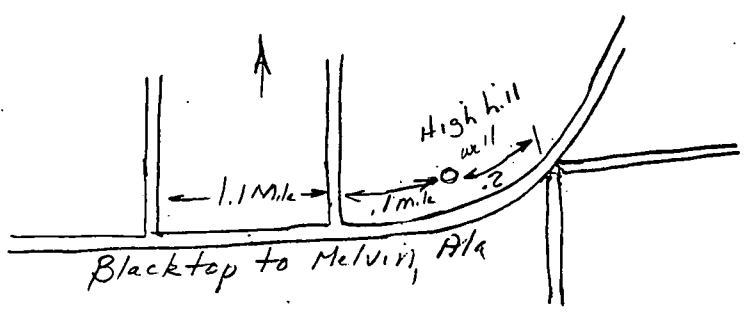
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 11,000 gpd/ft 113 Coefficient Storage: _____

Coefficient Perm: 230 gpd/ft²; Spec cap: 4.1 gpm/ft; Number of geologic cards: _____



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