

WRD Exp. (GW)
April 1966

PUNCHED

Well No. F2

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAR 7 1973

MASTER CARD

Record by VM Foster Source of data H. M. Biggs ^{My} Watermark Date 7-22-40 Map Iuka

State 28 County (or town) 71

Latitude: 344836 N S Longitude: 088111 / 10 Sequential number: 1

Lat-long accuracy: 2 T. 3 N R 11 E W, Sec 19 SW, NE, NW, SE

Local well number: F002BB1903S11E Other number: B & M

Local use: 064 Owner or name: Formerly - Warrior Water Co

Owner or name: IUKA Address: 1112 Webb Crawford Bldg Birmingham, Ala

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (U)

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: USGS 6/54

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

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 138 ft Meas. 6

Depth cased; (first perf.) 118 ft Casing type: 10; Diam. 10 in

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

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

Date Drilled: 9-2-7 Pump intake setting: 36 ft

Driller: Layne Central, Memphis

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

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

Descrip. MP 530 ft above below LSD, Alt. MP 5

Alt. LSD: 530 Accuracy: Topo

Water Level: 45 ft above below MP; Ft below LSD 45 Accuracy: 9

Date meas: 1-3-55 Yield: 155 gpm Method 100 determined

Drawdown: 155 ft Accuracy: 100 hrs 100

QUALITY OF WATER DATA: Iron 155 ppm Sulfate 100 ppm Chloride 100 ppm Hard. 100 ppm

Sp. Conduct 155 K x 10⁶ Temp. 65.4 °F Date sampled 6-5-73

Taste, color, etc.

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Latitude-longitude _____ N
S
_____ m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 1ER Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series K3 Fert Payne or Tuscaloosa gravel aquifer, formation, group Gφ

Lithology: R Origin: G Aquifer Thickness: _____ ft

Length of well open to: _____ ft 20 Depth to top of: _____ 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: 118-138'

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

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

Surficial material: _____ Infiltration characteristics: _____

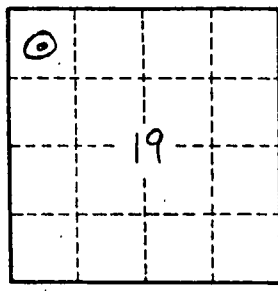
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

Water level -35 ft (GL) in 1933

1940: Av pumpage 45,000 gpd, max 60,000 gpd
Aerated & treated with lime.
5,000 gal storage res.
70,000 gal overhead tank (135' high)

1955 Min 50,000 gpd, max 95,000 gpd
Av 65,000 gpd
1 well in use - F2
1 well abandoned - F3



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