

WRD Exp. (GW)
April 1966

Well No. L1

WELL SCHEDULE Elog # 27

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by E. Jussup Source of data MSG Date 7-21-67 Map _____

State Miss. County (or town) Panola 28 54

Latitude: 34⁵ 23⁷ 05⁹ N¹¹ Longitude: 09¹² 00¹⁵ 11¹⁸ Sequential number: 1

Lat-long accuracy: 2⁷⁰ T. 8^N S. 8^S R. 8^W Sec 14, SW $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$

Local well number: L001C01408S08W Other number: _____ B & M

Local use: 002 Owner or name: Yazoo Valley Gravel

Owner or name: YAZOO GRAVEL CO Address: Sardis, 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 _____ N

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. _____ (D) _____ (G) _____ (H) _____ (P) _____ (R) _____ (T) _____ (U) _____ (W) _____ (X) _____ (Z) _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes

Log data: Elog 10-329 ft _____ E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 240 Meas. accuracy _____ 3

Depth cased: _____ ft 200 Casing Type: Steel; Diam. 14 in _____ 14

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

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

Date Drilled: 6-15-67 967 Pump intake setting: _____ ft _____

Driller: Robert E. Ratliff

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

Power (type): nat, elec, gas, gasoline, hand, gas, wind; H.P. _____ 40 Trans. or meter no. _____

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

Alt. LSD: 258' _____ 258 Accuracy: (source) _____ 4

Water Level _____ ft above _____ below MP; _____ below LSD _____ 50 Accuracy: _____ 6

Date meas: _____ 667 Yield: _____ gpm _____ 500 Method determined _____ 61

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

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Right
60
25
10/26/89
Gate locked

11/22/80
WL & LSD - 24.06
MP - top of casing
at LSD
258
34
22.4

Well No. L1

Well No. 21

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 15F Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series TE _____ aquifer, formation, group SS

Lithology: _____ US **Origin:** 3 **Aquifer Thickness:** 40 ft
Length of well open to: _____ ft 40 Depth to top of: _____ ft 200

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: 200' - 240'

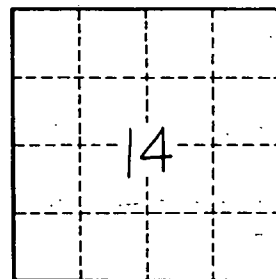
Depth to consolidated rock: _____ ft **Source of data:** _____

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: _____



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