FORM 9-1642
(1-68)

Well No. E21

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL SCHEDULE

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

MASTER CARD

Record by: WTR Source of data: Bowc Date: Map:

State: 28 County (or town): Copiah 15

Latitude: 31 58 19 N Longitude: 09 02 02 7 Sequential number: 2

Lat-long accuracy: 3 T 2 N R 1 W Sec 31 SE NW

Local well number: E021DB3102N01W Other number: MGS # E11

Local use: 064 Owner or name:

Owner or name: TRAXLER GRAVEL Address: Crystal Springs

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other U

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

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 140 Meas. rept accuracy 3

Depth cased: (first perf.) ft 120 Casing type: Steel; Diam. 10x8 in 10

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

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

Date Drilled: 6/67 967 Pump intake setting: ft

Driller: Layne Central (name), (address)

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

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 480 Accuracy: (source) 5

Water Level ft above below MP; Ft above below LSD 80 Accuracy: D

Date meas: 667 Yield: gpm 100 Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

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(88-1)

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1-19)

Physiographic Province: 03 (20-21) Section:

Drainage Basin: D (22) 13T (23-25) Subbasin: (26)

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

MAJOR AQUIFER: system; series TP (28-29); aquifer, formation, group CT (30-31)

Lithology: LS (32-33) Origin: 2 (34) Aquifer Thickness: 23 ft

23 (35-37) Length of well open to: ft 20 (38-40) Depth to top of: ft 178 (41-43)

MINOR AQUIFER: system; series (44-45); aquifer, formation, group (46-47)

Lithology: (48-49) Origin: (50) Aquifer Thickness: ft

(51-53) Length of well open to: ft (54-56) Depth to top of: ft (57-59)

Intervals Screened:

Depth to consolidated rock: ft (60-63) Source of data: (64)

Depth to basement: ft (65-68) Source of data: (69)

Surficial material: (70-71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73-75) Coefficient Storage: (76-78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

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GPO 937-142