FORM 9-1642
(1-68)

Well No. D1

WELL SCHEDULE

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

PUNCHED AND VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WTQ Source of data MSGS Date 8/57 Map

State 28 County (or town) Copiah 1 5

Latitude: 31 58 58 N (S) Longitude: 090 21 42 Sequential number: 1

Lat-long accuracy: 3 (deg 2 min 2 sec) T 12 N (S), R 2 E (W) Sec. 25, SW ¼, SE ¼ NW ¼ B & M

Local well number: D001DB25 12N02W Other number WW#2

Local use: 064 Owner or name: Town of Crystal Springs

Owner or name: CRYSTAL SPRINGS Address: Crystal Springs

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

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, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — U

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

Hyd. lab. data:

Qual. water data; type: MSBH 1/61 — C

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

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 101 Meas. rept accuracy — 6

Depth cased; (first perf.) ft 186 Casing type: ; Diam. 16,10,8 in 10

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

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: 11/46 9 4 6 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, gas, gasoline, hand, nat gas, LP gas, wind; H.P. ; Trans. or meter no.

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

Alt. LSD: 468 Accuracy: (source) topo — 4

Water Level ft above / below MP; Ft above / below LSD 48 Accuracy: — A

Date meas: 8 7 1 Yield: gpm 102 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.

Well No.

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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:

D (22) Drainage Basin: 13V (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TP (28–29) aquifer, formation, group CI (30–31)

Lithology: 3 (32–33) Origin: 2 (34) Aquifer Thickness: 36 ft

316 (35–37) Length of well open to: ft 05 (38–40) Depth to top of: ft 068 (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: 86-101 Layne Shutter 84 #7

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/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

~~Stanley well~~
(Reservoir well) WL: 68' (1955)

80' of 16" csng
84' " 10" "

Well No. D1

GPO 937-142