FORM 9-1642
(1-68)

Well No. C19

WELL SCHEDULE

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

Water Level Data

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by Kidwell Source of data ____ Date ____ Map ____

State 28 County (or town) ____ 81

Latitude: 34 08 59 N (deg min sec N/S) Longitude: 089 37 42 (degrees min sec) Sequential number: 9

Let-long accuracy: 4 T 11 S R 4 E Sec 4, ____, ____, ____, ____

Local well number: C 01 9 04 11 S 04 W Other number: #19 B&M WSP 576

Local use: ____ Owner or name: ____

Owner or name: WATER VALLEY Address: ____

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 ____ Z

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: (Miss Ag Exp Sta) water sample C

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

Aperture cards: ____

Log data: ____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ____ ft 80 Meas. rept ____ accuracy 6

Depth cased; (first perf.) ____ ft Casing type: Iron; Diam. ____ in 6

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

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: 9 19 Pump intake setting: ____ ft

Driller: ____, ____ (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 ____ 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: 295 Accuracy: (source) T 4

Water Level near surface ft above/below MP; Ft above/below LSD 3 Accuracy: ____ 6

Date meas: 1 9 Yield: ____ gpm Method determined ____

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs ____

QUALITY OF WATER DATA: Iron 0.55 ppm Sulfate 1.1 ppm Chloride 4.3 ppm Hard. 6 ppm

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

Taste, color, etc. ____

DS = 35

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Latitude-longitude ____ d ____ m ____ s N/S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: ____ (20–21) 03 Section: ____

(22) D Drainage Basin: ____ (23–25) 1 5 F 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 (28–29) T E ____ aquifer, formation, group (30–31) M W

Lithology: ____ (32–33) S Origin: ____ (34) Z Aquifer Thickness: ____ ft

(35–37) Length of well open to: ____ ft (38–40) Depth to top of: ____ ft (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)

1 of 24 wells
60-80 ft deep

SAMPLE LOG

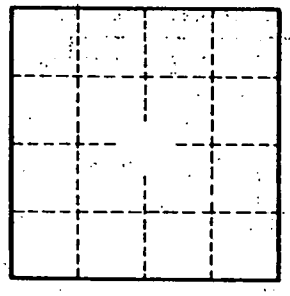
Holly Springs

Clay 0-12 ft

Sd-water 12-27

Stiff pipe clay 27-45

Clay-water bearing 45-60



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GP O 937-142