GW00685 omit

FORM 9-1642
(1-68)

Well No. K1

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by ENG Source of data Water Supt Date 6/54 Map Calhoun City

State [28] County (or town) Calhoun [07]

Latitude: [33511 18 N] Longitude: [088 19 02] Sequential number: [1]

Lat-long accuracy: [2] T. 23 S. R. 9 W. Sec 13 ~~14~~ 13 NW¼, SE¼, SW¼, SE¼, SW¼

Local well number: [K 00 1 D D 14 23 N 09 E] Other number: B & M

Local use: [064] Owner or name:

Owner or name: [CALHOUN CITY] 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) Mnd, (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 well unused [P]

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

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

Hyd. lab. data: [ ]

Qual. water data; type: [MSBOH 8-67 2-47 | USGS 10-59] [C]

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

Aperture cards: yes [ ]

Log data: [ ]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: ft [1935] Meas. rept [3]

Depth cased; (first perf.) ft [1905] Casing type: ; Diam. accuracy [10x6] 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 [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: [9 2 8] Pump intake setting: ft [ ]

Driller: LAYNE-CENTRAL

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, name (cent.), (M) multiple, address (turb.), (N) nose, (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. 20 [V] Trans. or meter no.

Descrip. MP 277' (10/89) ✓ ft above below LSD, Alt. MP

Alt. LSD: [280] Accuracy: (source) [5]

Water Level ft above below MP; Ft above below LSD [67] Accuracy: [A]

Date meas: [70] Yield: gpm [167] Method determined [ ]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [ ]

QUALITY OF WATER DATA: Iron 0.24 ppm [ ] Sulfate 0.0 ppm [ ] Chloride 270 ppm [ ] Hard. 51 ppm [ ]

Sp. Conduct 1150 K x 10^6 [5] Temp. 89 °F [89] Date sampled [059]

Taste, color, etc. pH = 7.9

DS = 667

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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: 156 (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 K3 (28–29) aquifer, formation, group 60 (30–31)

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

Length of well open to: ft (35–37) Depth to top of: 30 (38–40) ft (41–43)

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

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

Length of well open to: ft (51–53) Depth to top of: ft (54–56) 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)

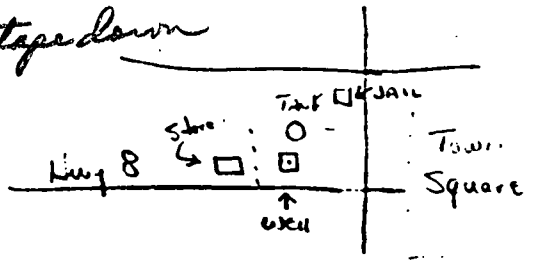
Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

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

WL = 38ft (1958)
WL = 58' (1963)
WL = 59' (1967)

Well reworked oct 1970
(LAYNE)

11/6/90 well unused
could not get tape down
casing collapsed



Well No. K1

population served 2,000
725 metered.

Elev. tanks
1-50,000
1-250,000

GPO 937-142