FORM 9-1642
(1-68)

Well No. K3

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by BEW Source of data Moore Date 1/57 Map

State 28 County (or town) MONTGOMERY 49

Latitude: 332628 N Longitude: 0893423 Sequential number: 2

Lat-long accuracy: 3 T. 18 N, R. 7 E, Sec. 9, SW ¼, NW ¼

Local well number: K003CB0918N07E Other number: #2

Local use: 002 Owner or name: Town of Kilmichael

Owner or name: KILMICHAEL 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 Standby — R 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. — W

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

Hyd. lab. data:

Qual. water data; type: USGS 1-28-57 — C

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

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 167 Meas. rept accuracy 6

Depth cased (first perf.) ft 120 Casing type: ; Diam. 8 in 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) 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: 954 Pump intake setting: ft

Driller: RATLIFF (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. 5 — T Trans. or meter no.

Descrip. MP hole in east side of pump 1.2 ft above LSD, Alt. MP

Alt. LSD: 380 Accuracy (source): 4

Water Level 72.49 ft below MP; Ft below LSD 71 Accuracy: A

Date meas: 271 Yield: Rpt 150 gpm 84 Method determined

Drawdown: ft 10 Accuracy: O Pumping period hrs 2

QUALITY OF WATER DATA: Iron 0.01 ppm Sulfate 39 ppm Chloride 15 ppm Hard. 9 ppm

Sp. Conduct 200 K x 10^6 2 Temp. 18.5°C F 185 Date sampled 271

Taste, color, etc. Hard - iron pH = 5.7

12/2/88
no access bldg

80
8.01
71.59
1.2
70.39

380
70
310 ± WL

10/26/79
BEW

DS = 138

Well No. K3

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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: 15K (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 TE (28–29) aquifer, formation, group MW (30–31)

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

40 (35–37) Length of well open to: ft 39 (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)

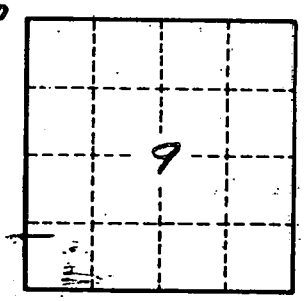
Coefficient Trans: gpd/ft 303 (73–75) Coefficient Storage: (76–78)

Coefficient Perm: 300 gpd/ft²; Spec cap: 8.7 gpm/ft; Number of geologic cards: (79)

Water Level
1954
85 ft. below lsd
2-17-71
100.00 ft.
-27.51
72.49 ft.

9/21/83
78.41
6.41
71.59
1.20
70.39

Some chlorination
Also one 1 million gal/month.



Well No.

N W

aquifer thickness taken from well H4 and E-log #16

For location see well H3.

GPO 937-142