SITE ID- 320215 0893122-01

WRD Exp. (GW)
April 1966

Well No. K2

25 I D

WELL SCHEDULE

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

MASTER CARD

Record by J. A. Callahan Source of data Mr Buck Martin Date 12-8-66 Map RALEIGH

(T. Shows 8-26.57)

State Miss 28 County (or town) Smith 65

Latitude: 32 02 15 N Longitude: 089 31 22 Sequential number: 1

Lat-long accuracy: 3 T. 2 N, R 8 E, Sec 7, SE ¼, NW ¼

Local well number: K002dB07102N08E Other number: #2

Local use: 064 N68 12 Owner or name: Town of Raleigh

Owner or name: RALEIGH Address: Raleigh, Miss.

Ownership: (C) County, (F) Fed Gov't, (M) City [circled], (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 [circled], (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

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 [circled], (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data ___ Freq. W/L meas.: ___ O Field aquifer char. Y

Hyd. lab. data: ___

Qual. water data; type: USGS Complete 11-28-67 — C

Freq. sampling: Original O Pumpage inventory: yes no, period: ___

Aperture cards: ___ yes

Log data: ___

11/3/89
334.20
12/20/94
353.15

Coordinate w/GPS
32 01 57.8
89 31 19.7

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1160 ft 1200 Meas. rept accuracy 3

Depth cased (first perf.) 1100 ft 1140 Casing type: Steel; Diam. 8 in 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w (screen) [circled], (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 [circled], (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 8/56 957 Pump intake setting: ___ ft

Driller: Layne Central Co (name), Jackson Miss (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 [circled], (T) turb, (Z) other — S Deep [circled] Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 30 — V Trans. or meter no. ___

Descrip. MP ___ ft above below LSD. Alt. MP ___

Alt. LSD: 530 520 Accuracy: (source) 3

Water Level ___ ft above below MP; Ft above below LSD 273 Accuracy: G

Date meas: D57 Yield: @ 60# gpm 80 Method determined 4

Drawdown: ___ ft Accuracy: ___ Pumping period ___ hrs 2

QUALITY OF WATER DATA: Iron .09 ppm Sulfate 6.4 ppm Chloride 2.8 ppm Hard. 0 ppm

Sp. Conduct 360 K x 10^6 3 Temp. 81 °F 27 Date sampled 11-28-67 N67

Taste, color, etc. Field pH = 8.2 CO_2 = 0

Well No. K2

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Latitude-longitude 32 01 43 (N) S 089 31 08
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1–19] Physiographic Province: [20–21] 03 Section: [22] 0 Drainage Basin: [23–25] 130 Subbasin: [26]

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Ø) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat [27] 5

MAJOR AQUIFER: Tertiary [system], Eocene [series] [28–29] TE, Sparta [aquifer, formation, group] [30–31] SS

Lithology: Sand [32–33] US Origin: E [34] 2 Aquifer Thickness: ft

[35–37] 120 Length of well open to: ft [38–40] 69 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]

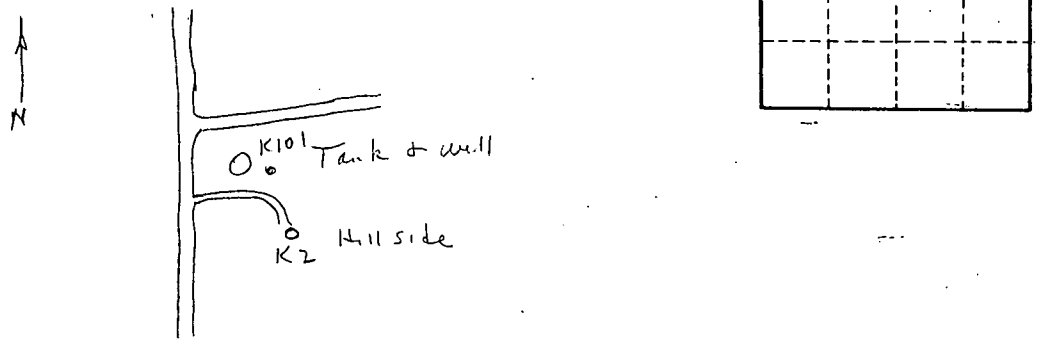
Surficial material: [70–71] Infiltration characteristics: [72]

Coefficient Trans: gpd/ft [73–75] 803 Coefficient Storage: [76–78] 305

Coefficient Perm: 670 gpd/ft^2; Spec cap: 12 gpm/ft; Number of geologic cards: [79]

Water level in this well probably can be measured by removing bolt from flange plate.

Specific Cond. 360



Well No.

GPO 857-700

GWSI UPDATES

Well No K 2
County SMITH

Item	Changed		Requested by		Updated by	
Number	From	To	Initial	Date	Initial	Date
C9	320215	320155	BAR	6/2/93		
C10	0893122	0893113	"	"		