FORM 9-1642 (1-68) 08060201 Well No. K 19 See e-log 31

X 3326180893358 02

WELL SCHEDULE

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

TRANSMITTED FOR ADP

MASTER CARD

Record by G.J. Dalsin Source of data Driller E-log Date 12-22-71 Map Hilmichael

WL Data 11/18/82 WL = 80.83

State 28 County (or town) Montgomery 49

Latitude: 33 26 18 N S Longitude: 089 33 58 degrees min sec Sequential number: 2

Lat-long accuracy: 2 T. 18 S, R 7 W, Sec. 9 SE, NE ¼, NW ¼, SE ¼ B & M

Local well number: T019BD0918N07E Other number:

Local use: 053 D71 14 Owner or name: Town of Hilmichael

Owner or name: HILMICHAEL Address: Hilmichael

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 P

12/2/88 Gdsg WL = 80.00

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.: . Field aquifer char. Z

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: See E-log #31 50' away

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 511 Meas. rept 3

Depth cased: (first perf.) ft 471 Casing type: steel ; Diam. 8 X 6" accuracy 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) shoved, (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: 11-01-71 971 Pump intake setting: ft

Driller: T.M. Parks (name), Houlka, 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, (T) turb, (Z) other T Deep Shallow

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

Descrip. MP Top of Casing @ 2.70 ft above below LSD, Alt. MP

Alt. LSD: 355 Accuracy: (source) Topo 4

Water Level 63 ft above below MP; Ft above below LSD 63 Accuracy: A

Date meas: 12-21-71 D71 Yield: gpm 114 Method determined

Drawdown: ft 81 Accuracy: Pumping period hrs 1

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. pH 8.2 < .10

Well No. K 19

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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, (P) offshore, (S) pediment, (T) hillside, (U) terrace, (V) undulating, valley flat ____ (27)

MAJOR AQUIFER: ____ system, ____ series, TE (28–29) ____ aquifer, formation, group TW (30–31)

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

35 (35–37) Length of well open to: ____ ft 40 (38–40) Depth to top of: ____ ft 47 1/8 (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: 471-511 = 40' of SS screen

Depth to consolidated rock: ____ ft (60–63) Source of data: ____ (64)

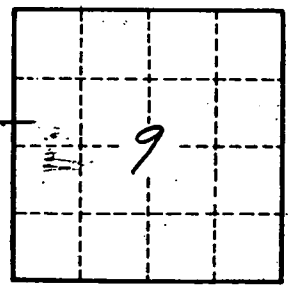
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

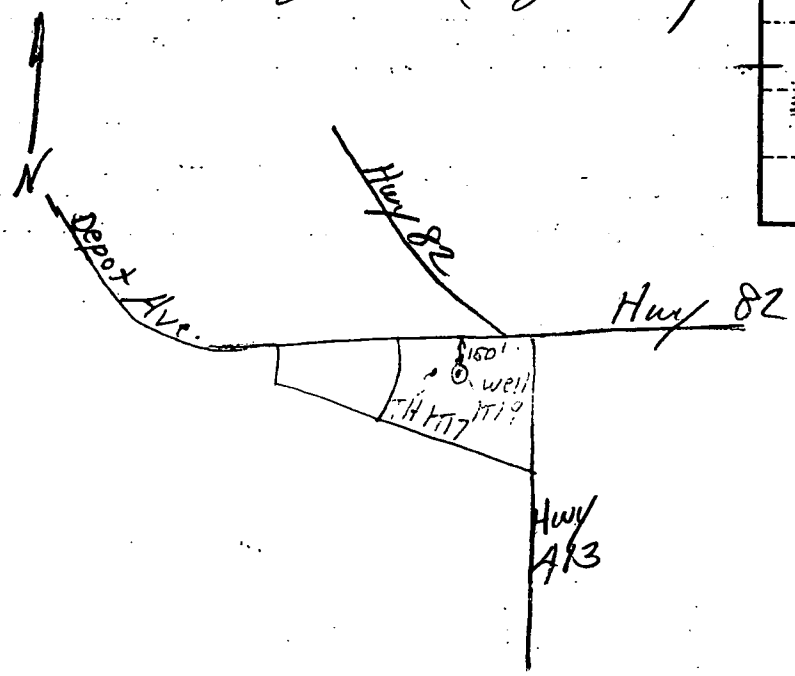
Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

Coefficient Trans: 3,700 gpd/ft (73–75) 372 Coefficient Storage: ____ (76–78)

Coefficient Perm: 110 gpd/ft^2; Spec cap: 1.4 gpm/ft; Number of geologic cards: ____ (79)

Note: K17 is test Hole; ~50' from well K 19.
12-21-71 Pumping test (single well)





Well No. K 19

GPO 937-142

GWSI UPDATES

Well No K 19
County MONTGOMERY

Item	Changed		Requested by		Updated by	
No	From	To	Initial	Date	Initial	Date
21	00-00-1971	11-01-1971	DEB	3-23-92	JCY	4-22-92
60	00-00-1971	12-21-1971	"	"	JCY	
159	00-00-1971	12-21-1971	"	"	JCY	4-22-92