FORM 9-1642
(1-68)

Well No. K 40

MAY 27 1975

WELL SCHEDULE

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

MASTER CARD

Record by B.D. Source of data BOWC Date 5-71 Map

State 28 County (or town) Desoto 17

Latitude: 34 51 10 N S Longitude: 090 00 40 Sequential number: 1

Lat-long accuracy: 3 T 3 N S R 8 E W Sec 2, ¼, SE ¼, NE ¼

Local well number: K040 DA02 03S 08W Other number: B & M

Local use: 113 Owner or name:

Owner or name: RANDY AJAX Address: Hernando

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist P

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 H

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. Ø Field aquifer char.

Hyd. lab. data: Qual. water data; type: Freq. sampling: Pumpage inventory: yes no, period: Aperture cards: yes Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 140 Meas. rept accuracy 3

Depth cased: (first perf.) ft 120 Casing type: PC ; Diam. in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other, (Z) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (F) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) driven, (V) drive wash, (W) other, (Z) other 1

Date Drilled: 9 7 1 Pump intake setting: ft

Driller: Bob Smith 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, nat gas, gasoline, hand, LP gas, wind; H.P. ½ 5 Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: Accuracy: (source)

Water Level 80 ft above below MP; Ft above below LSD 80 Accuracy: D

Date meas: 3 7 1 Yield: gpm 10 Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10 Temp. °F Date sampled

Taste, color, etc.

Well No. K 40

Well No. 1

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: 15E (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 TE (28–29) aquifer, formation, group SS (30–31)

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: 20 ft

(35–37) Length of well open to: ft 20 (38–40) Depth to top of: ft 120 (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: 4"PVC

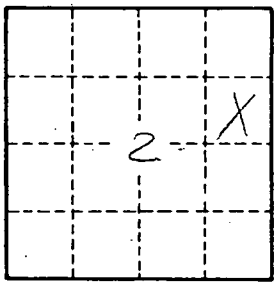
Depth to consolidated rock: ft (60–63) Source of data: (64)

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)



Well No. R-40

GPO 937-142