WRD Exp. (GW)
April 1966

Well No. K19

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by OJ Source of data BAWC Date 3-22-68 Map

State [28] (1-2) County (or town) Newton [51]

Latitude: [3 2 1 9 1 1 N] (S deg 7 min 9 sec 11 N S) Longitude: [0 8 9 1 3 0 3] (12 degrees 15 min sec 18) Sequential number: [1] (19)

Lat-long accuracy: [6] (20) T. 6 S, R 11 W, Sec 31, ¼, ¼, ¼ B & M

Local well number: K019 (21-25, 30-34) Other number:

Local use: 151 (35-40, 45-51) Owner or name:

Owner or name: J R WILLIS (52-56, 61-66) Address: Newton

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P] (67)

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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other [H] (68)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (O) Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (Z) Destroyed. [W] (69)

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: [ ] (71) Field aquifer char. [ ] (72)

Hyd. lab. data: [ ] (73)

Qual. water data; type: [ ] (74)

Freq. sampling: [ ] (75) Pumpage inventory: yes / no, period: [ ] (76)

Aperture cards: yes [ ] (77)

Log data: [D] (78-79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1-19) Depth well: [ ] ft [275] (20-23) Meas. rept accuracy [3] (24)

Depth cased: (first perf.) [ ] ft [269] (25-28) Casing type: [ ]; Diam. [ ] in [3] (29-30)

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 [5] (31)

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] (32)

Date Drilled: 3-15-63 [963] (33-35) Pump intake setting: [ ] ft (36-38)

Driller: Leach Drlg. Serv. (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 [ ] (39) Deep / Shallow [ ] (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [ ] (41) Trans. or meter no. [ ]

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Descrip. MP [ ] ft above / below LSD, Alt. MP [ ]

Alt. LSD: [ ] (42-45) Accuracy: (source) [ ] (47)

Water Level 60 ft above / below MP; Ft above / below LSD [60] (48-51) Accuracy: [ ] (52)

Date meas: [363] (53-55) Yield: [ ] gpm (56-60) Method determined [ ] (61)

Drawdown: [ ] ft (62-64) Accuracy: [ ] (65) Pumping period [ ] hrs (66-68)

QUALITY OF WATER DATA: Iron [ ] ppm (69) Sulfate [ ] ppm (70) Chloride [ ] ppm (71) Hard. [ ] ppm (72)

Sp. Conduct [ ] K x 10^6 (73) Temp. [ ] °F (74-76) Date sampled [ ] (77-79)

Taste, color, etc. [ ]

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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: 130 (23–25) 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)

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

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

(35–37) Length of well open to: _____ ft 6 (38–40) Depth to top of: _____ ft 160 (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: 2"

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

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

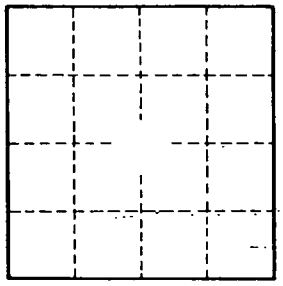
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

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

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

2 miles W. of Dicarton

25 ft. fine sand



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GPO 857–700