MAY 14 1975

FORM 9-1642
(1-68)

Well No. K84

PUNCHED

WELL SCHEDULE

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

MASTER CARD

Record by MAH Source of data BOWC Date 1/8/75 Map

State [2 8] (1 2) County (or town) Newton [5 1] (3 4)

Latitude: [3 2 2 0 4 1 N] (5 deg 7 min 9 sec 10 N/S) Longitude: [0 8 9 1 3 7] (11 12 degrees 15 min sec 18) Sequential number: [1] (19)

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

Local well number: [K 0 8 4 2 0 0 6 N 1 1 E] (21 25 30 34) Other number:

Local use: [0 0 8] (35 40 45 51) Owner or name: Dorothy Schachte

Owner or name: [D S C H A C H T E] (52 56 61 66) Address: R-1, 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) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [H] (68)

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

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: [D] (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: [4 3 5] (20 23) ft Meas. rept accuracy [3] (24)

Depth cased: (first perf.) [3 5 2] (25 28) ft Casing type: PVC; Diam. [4] (29 30) in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other [S] (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: [9 7 4] (33 35) Pump intake setting: [ ] (36 38) ft

Driller: McDonald & Hill, Inc. (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 [S] (39) Deep / Shallow [ ] (40)

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 1/2 [S] (41) Trans. or meter no.

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

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

Water Level ft above/below MP; Ft above/(below) LSD [1 3 5] (48 51) Accuracy: [D] (52)

Date meas: [D 7 4] (53 55) Yield: [1 0] (56 60) gpm 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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U.S. G.P.O. 1972/720-793/96/1303

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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: (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 WN (30–31)

Lithology: S (32–33) Origin: 6 (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft (38–40) Depth to top of: ft 380 (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) Coefficient Storage: (76–78)

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

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GPO 937-142