FORM 9-1642
(1-68)

Well No. E52

WELL SCHEDULE

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

PUNCHED
DEC 8 1972

MASTER CARD

Record by JCM Source of data BOWC Date 8-72 Map

State [28] County (or town) Marshall [47]

Latitude: [34 55 41 N] deg 7 min 9 sec 11 N S Longitude: [089 34 20] 12 degrees 15 min sec 18 Sequential number: [1] 19

Lat-long accuracy: [3] 20 T. 2 S N R. 4 E W Sec. 10, W ½, SW ½, NE ½

Local well number: [F 052 CA 1002 S04W] 21 25 30 34 Other number: B & M

Local use: [162] 35 40 45 51 Owner or name:

Owner or name: [WILL TODD] 52 56 61 66 Address: Red Banks

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.: [Φ] 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 [150] 20 23 Meas. rept accuracy [3] 24

Depth cased (first perf.): [ ] ft [144] 25 28 Casing type: [ ]; Diam. [4] in 29 30

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, (W) other, (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 2] 33 35 Pump intake setting: [ ] ft 36 38

Driller: R L Carpenter (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, gas, gasoline, hand, nat gas, LP gas, wind; H.P. 3/4 [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 [78] 48 51 Accuracy: [ ] [D] 52

Date meas: [3 7 2] 53 55 Yield: [10] gpm 56 60 Method determined [ ] 61

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

QUALITY OF WATER DATA: Iron. c [ ] 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.

Well No. E52

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: ____

Drainage Basin: D (22) ____ 15E (23-25) Subbasin: ____ (26)

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

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

Lithology: ____ 45 (32-33) Origin: ____ 3 (34) Aquifer Thickness: 72 ft

(35-37) Length of well open to: ____ ft 60 (38-40) Depth to top of: ____ ft 78 (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" Plc

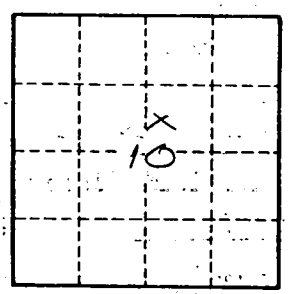
Depth to consolidated rock: ____ ft (60-63) Source of data: ____ (64)

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. E 52

GP.O 937-142