WRD Exp. (GW)
April 1966

Well No. Q1

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL SCHEDULE

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

MASTER CARD

Record by J. Shell Source of data BOWC Date 9/3/68 Map

State 28 County (or town) Neshoba 50

Latitude: 32 37 21 N (deg 5, min 7, sec 9, 11; N/S) Longitude: 088 59 51 (12 degrees, 15 min, sec 18) Sequential number: 1 (19)

Lat-long accuracy: 2 (20) T. 9 N, R. 13 E, Sec 17, SW¼, SW¼, SW¼ B & M

Local well number: Q001CC1709N13E (21, 25, 30, 34) Other number:

Local use: 014 (35, 40, 45, 51) Owner or name:

Owner or name: FRANK FANCHER (52, 56, 61, 66) Address: Rt. 3 Union

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — 67: 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 — 68: 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 — 69: W

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: [Ø] (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: 68 ft 68 (20, 23) Meas. rept accuracy — 24: 3

Depth cased: (first perf.) 63 ft 63 (25, 28) Casing type: Galv ; Diam. 2 in 2 (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 — 31: S

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 — 32: H

Date Drilled: 1/4/68 968 (33, 35) Pump intake setting: ft [ ] (36, 38)

Driller: 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 (circled), nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 S (41) Trans. or meter no.

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

Alt. LSD: ± 565 (42, 45) Accuracy: (source) — 47: 5

Water Level 30 ft above/below MP; Ft above/below (circled) LSD 30 (48, 51) Accuracy: — 52: D

Date meas: 1/4/68 168 (53, 55) Yield: 6 gpm 6 (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.

Well No. Q1

Well No. Q 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: 13P (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 UW (30–31)

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: >28 ft

(35–37) Length of well open to: ft (38–40) 5 Depth to top of: ft (41–43) 40

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: 63-68' 1¼" x 5'

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

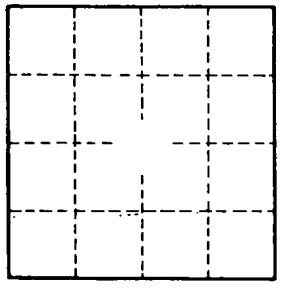
Depth to basement: ft (65–68) Source of data: (69)

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

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

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

6 miles South of Phila.



Well No. Q 1

GPO 857-700