WRD Exp. (GW)
April 1966

Well No. N 8

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLL

MASTER CARD

Record by J. Shell Source of data BOWC Date 11/68 Map

State 28 County (or town) Lowrence 39

Latitude: 31 22 21 N Longitude: 090 06 59 Sequential number: 1

Lat-long accuracy: 3 T. 5 N, R 11 E, Sec 29, ¼, NW ¼, SE ¼ B & M

Local well number: N008R D29 05N 11E Other number:

Local use: 179 Owner or name:

Owner or name: C E RUTHERFORD Address: Rt. 2, Monticello

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.: 71 O 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: 78 79 D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD 1–19 Depth well: ft 20–23 110 Meas. rept accuracy 24 3

Depth cased: (first perf.) ft 25–28 104 Casing type: ; Diam. in 29–30 4

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: 33–35 967 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 D

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

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 (circled) LSD 48–51 60 Accuracy: 52 D

Date meas: 53–55 367 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 ____ d ____ m ____ s N S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: ____ 0 3 (20–21) Section: ____

____ D (22) Drainage Basin: ____ 1 3 V (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 T M (28–29) ____ aquifer, formation, group M Z (30–31)

Lithology: ____ U S (32–33) Origin: ____ 3 (34) Aquifer Thickness: 30 ft

(35–37) Length of well open to: ____ ft 6 (38–40) Depth to top of: ____ ft 8 0 (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" P.V.C.

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

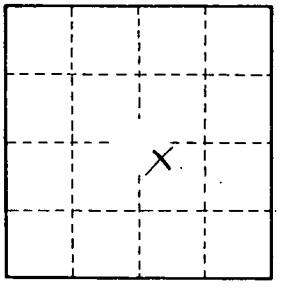
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

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)

5 mi. N/E of Sartinville.



Well No. N 8

GPO 857-700