FORM 9-1642
(1-68)

Well No. A 4

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.S. Source of data Bonc Date 1/70 Map

State 28 County (or town) Covington 16

Latitude: 31 44 59 N (deg 7, min 9, sec 11, N/S) Longitude: 089 39 42 (12 degrees, 13 min, sec 18) Sequential number: 1 (19)

Lat-long accuracy: 3 (20) T. N S, R E W, Sec 13, ¼, ¼, ¼ B & M

Local well number: A004DB13091N17W (21–34) Other number:

Local use: 161 (35–51) Owner or name:

Owner or name: JOHN LEWIS (52–66) Address: RT 1, Mt. Olive.

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.: Φ 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 140 (20–23) Meas. rept accuracy 24: 3

Depth cased; (first perf.) ft 130 (25–28) Casing type: Pl. ; Diam. in 2 (29–30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., 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: 970 (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: V; Deep / Shallow 40

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

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

Alt. LSD: (42–45) Accuracy: (source) 47

Water Level +2 ft above / below MP; Ft (above) / below LSD +2 (48–51) Accuracy: 52: D

Date meas: 53 170 55 Yield: gpm 27 (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. A 4

CONTINUED

Well No. 44

Latitude-longitude d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 13N (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 TM (28–29) ____ aquifer, formation, group MZ (30–31)

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: 12 ft

(35–37) Length of well open to: ____ ft 10 (38–40) Depth to top of: ____ ft 128 (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" Pl.

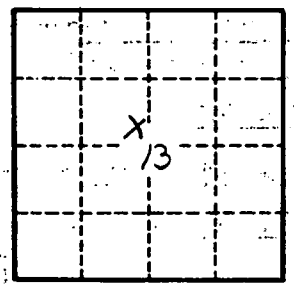
Depth to consolidated rock: ____ ft (60–63) Source of data: (64)

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. 44

GPO 937-142