FORM 9-1642
(1-68)

Well No. J51

PUNCHED MAR 21 1975

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by: BE Wasson / JAC
Source of data: Sept File
Date: 9-15-60 / 11/15/70
Map:

State: 28
County (or town): 63

Latitude: 32 42 40 N
Longitude: 090 56 57 1
Sequential number: 1

Lat-long accuracy: 3
T. 10 (N) S, R 7 (W) E, Sec 17, SE ¼, NW ¼, ¼ — B & M

Local well number: J051 R13 17 10 N07 W
Other number:

Local use: 064
Owner or name:

Owner or name: S Ø U NATURAL GAS
Address:

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

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: N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) 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; Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water data; type: USGS 4/64 — 74: C

Freq. sampling: (75); Pumpage inventory: yes no, period: (76)

Aperture cards: yes (77)

Log data: (78–79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1235 ft; Meas. rept accuracy: 6

Depth cased (first perf.): ft; Casing type: ; Diam. 8X4 in — 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — 5

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

Date Drilled: 948; Pump intake setting: ft

Driller: Layne Central Co. (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 — T; Deep / Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 7½ — U; Trans. or meter no.

Descrip. MP: Gage opening 2.0 ft (above) below LSD, Alt. MP

Alt. LSD: 102; Accuracy: (source) — 3

Water Level: 3.5 ft above below MP; Ft (above) below LSD: +6; Accuracy: A

Date meas.: 9/15/60 — 960; Yield: @ 30# gpm — 172; Method determined:

Drawdown: ft; Accuracy: ; Pumping period: hrs

QUALITY OF WATER DATA: Iron ppm; Sulfate ppm; Chloride ppm; Hard. ppm

Sp. Conduct K x 10^6; Temp. 82 °F; Date sampled 5/15/64 — 464

Taste, color, etc. Ph. 8.6

Well No. J51

Well No. J 51

Latitude-longitude ____ N S ____
d m s d m s

HYDROGEOLOGIC CARD

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

_____ [E] (22) Drainage Basin: _____ [1 5 J] (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 [T E] (28–29) _____ aquifer, formation, group [S S] (30–31)

Lithology: _____ [U S] (32–33) Origin: _____ [2] (34) Aquifer Thickness: _____ ft

[ ] (35–37) Length of well open to: _____ ft [ ] (38–40) Depth to top of: _____ ft [ ] (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)

T 27 1945

Well No. J 51

GPO 937-142