

WELL SCHEDULE
GEOLOGICAL SURVEY

Elog # 160

MAY - 5 1975

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION 272C

MASTER CARD

Record by WTO Source of data MBOWG Obs. driller Date 6/69 Map Smith 44 PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

State 28 28 County (or town) Smith 44 6:5

Latitude: 31^{deg} 49^{min} 43^{sec} N Longitude: 08^{degrees} 9^{min} 55^{sec} W Sequential number: 7

Lat-long accuracy: 3²⁰ 10⁰ N 14⁰ E Sec 20, SE & NE & NW

Local well number: R021AB2010N14W Other number: B & M

Local use: 184160 869 11 Owner or name: Town of Jaylowville

Owner or name: TAYLORVILLE Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: P

Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas: Field aquifer char. 3

Hyd. lab. data: _____

Qual. water data; type: MSBON

Freq. sampling: _____ Pumpage inventory: no. period: _____

Aperture cards: _____

Log data: Elog 14' - 719' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 346 ft Meas. rept 3 accuracy

Depth cased; (first perf.) 306 ft Casing type: BI Iron; Diam. 12x8 in 12

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other G

Method Drilled: air rot, bored, cable, dug, hyd rot., jetted, air percussion, reverse, rotary, trenching, driven, wash, other H

Date Drilled: 6/69 969 Pump intake setting: _____ ft

Driller: Arnie Del. Jew, Columbia, Miss.

Lift (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, turb, other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25 Trans. or meter no.

Descrip. MP 1" mant at 210' above ft below LSD, Alt. MP 5

Alt. LSD: 270 Accuracy: Est. OK B&W 5

Water Level: 21.35 ft above below MP; Ft below LSD 21 Accuracy: 4

Date meas: 8/27/69 869 Yield: 517 517 Method determined 4

Drawdown: 44 ft 44 Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron 3 Sulfate _____ Chloride 5 Hard. 28

Sp. Conduct 140 K x 10⁶ 1 Temp. 20°C 20 Date sampled 669

Taste, color, etc. AIK = 113

33
28
2
68

Well No.

R21b

Latitude-Longitude _____ N _____ S _____ d _____ m _____ s

HYDROGEOLOGIC CARD

WE AS ON MASTER CARD 03 Section: _____
 Physiographic Province: _____
 Drainage Basin: D Subbasin: 1130

of site: (D) (C) (E) (F) (R) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp,
 (S) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat.

Hydrogeologic system series TM aquifer, formation, group CA
 Origin: 45 Aquifer Thickness: 3 ft

Length of well open to: 316 ft Depth to top of: 40 ft 302 ft

Hydrogeologic system series _____ aquifer, formation, group _____
 Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Interval cased: 306-346 ft 40' x 8" 030
 h to consolidated rock: _____ ft Source of data: _____
 h to cement: _____ ft Source of data: _____
 Infiltration characteristics: _____
 Coefficient Storage: 3.03
 Coefficient Storage: 840 gpd/ft²; Spec cap: 11 gpm/ft; Number of geologic cards: _____



