

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

HYDROLOGIC DATA

MASTER CARD

Record by J. Shell Source of data Bowc Date 3/69 Map 34

State 28 County Dones (or town) 34

Latitude: 31^{deg} 42^{min} 53^{sec} N Longitude: 08^{deg} 9^{min} 21^{sec} W

Lat-long accuracy: 2^{sec} T. 90^{min} S. R. 14^{sec} Sec. 25 SW. NE SE

Local well number: A025AD2509N14W Other number: B & M

Local use: 028 Owner or name: W F PEARSON Address: Taylorville

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other. 7

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

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

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: D

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 110 ft Meas. 3 accuracy

Depth cased; (first perf.) 100 ft Casing type: Galv. Iron Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other. S

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) wash, (M) other. H

Date drilled: 9.6.9 Pump intake setting: 30 ft

Driller: 3/4 address 5 Deep 5 Shallow 40

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other. 5

Power (type): (A) diesel, (B) nat gas, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 3/4 Trans. or meter no. 5

Descrip. MP 3/4 ft above LSD, Alt. MP 5

Alt. LSD: 38 ft above MP; 38 ft below LSD Accuracy: 0

Water Level 38 ft above MP; 38 ft below LSD Accuracy: 0

Date meas: 3.6.9 Yield: 30 gpm Method determined 01

Drawdown: 30 ft Accuracy: 0 Pumping period 0 hrs

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 K x 10⁶ Temp. 0 °F Date sampled 0

Taste, color, etc. 0

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH
Well No. A 25

WELL SCHEDULE
Latitude-longitude

HYDROGEOLOGIC CARD

WATER RESOURCES DIVISION

Physiographic Province: 03 Section: 03

Drainage Basin: D Subbasin: 130

Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp, 130

well site: (4) (F) (S) (T) (U) (V)

offshore, pediment, hillside, terrace, undulating, valley, flat

MAJOR AQUIFER: TM CA

system series aquifer, formation, group

Lithology: US Origin: 3 Aquifer Thickness: 40 ft

Length of well open to: 1-0 ft Depth to top of: 7-0 ft

MINOR AQUIFER: CA

system series aquifer, formation, group

Lithology: US Origin: 3 Aquifer Thickness: 40 ft

Length of well open to: 1-0 ft Depth to top of: 7-0 ft

Intervals Screened: 2" ES

Depth to consolidated rock: 40 ft Source of data: 44

Depth to basement: 45 ft Source of data: 49

Surficial material: 70-71 Infiltration characteristics: 72

Coefficient Trans: 73 gpd/ft 73 Coefficient Storage: 74

Coefficient Perm: 75 gpd/ft²; Spec cap: 75 gpm/ft; Number of geologic cards: 79

