

WRD Exp. (GW)
April 1966

Well No. RI

WELL SCHEDULE

E-105 #87

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by C. Jessup Source of data MSG'S Date 7-20-67 Map _____

State Miss. 28 County (or town) Linn 43

Latitude: 31 22 53 N Longitude: 09 01 84 7 Sequential number: 1

Lat-long Accuracy: 3 T. 50 S. R. 90 W. Sec. 20 NW SE SE

Local well number: R001DD2005NO9E Other number: Test hole #1

Local use: 064 Owner or name: Ruth Water Assoc

Owner or name: RUTH WTR ASSOC Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (G) (H) (I) (M) (N) (P) (R) (T) (U) (W) (X) (Z) Z

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

Hyd. lab. data: _____

Qual. water data; type: MSBH 4-27-67

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

Aperture cards: _____

Log data: E Log 174-422 ft. D log Driller's log next DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 390 Meas. rept accuracy 3

Depth cased: _____ ft 350 Casing type: _____; Diam. in 4

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

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 5-2-67 9-6-7 Pump intake setting: _____ ft _____

Driller: Layne Central Co.

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep Shallow 40

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

Descrip. MP 465 ft below LSD, Alt. MP _____

Alt. LSD: 441' 441 Accuracy: (source) 4

Water Level: -99 ft above below MP; Ft. below LSD 99 Accuracy: _____

Date meas: 5-6-7 Yield: 50 gpm 50 Method determined

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

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled 4-6-7

Taste, color, etc. _____

Water sample By MSBH

Well No. RI

Well No. RI

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 13U Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T.M aquifer, formation, group M.Z

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 350' - 390'

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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

5/14/96
WL 10.2

- 0-14 Red clay
- 14-50 Rink sdy clay
- 50-78 Sd + Gr.
- 78-81 Clay
- 81-103 Sdy clay
- 103-163 Sd + Gr.
- 163-223 Blue clay
- 223-229 Clay st. of Sd
- 229-336 Blue Clay
- 336-422 Sd

On e-log best part of aquifer is 385'-420'. Screen is set above most of this interval.

7/22/69 pH 5.3
Temp. 21°C
Sp. cond < 50

