

Recorded 12/82

R10 PUNCHED
See E-log #87 22

WRD Exp. (GW)
April 1966

Well No. _____

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
ROLLA DISTRICT OFFICE
ROLLA DISTRICT BRANCH

MASTER CARD

Record by WTD Source of data Bowc Date 6/69 Map _____

State 0 28 County Linn (or town) 50 43

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

Lat-long accuracy: 4 T. 50 S. R. 90 W. Sec 20 NW, SE, SE

Local well number: R010002005NO9E Other number: Test #2

Local use: 184 Owner or name: Ruth Water Assoc.

Owner or name: RUTH W A Address: _____

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

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) Inscit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other P

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: C

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

Aperture cards: _____ yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 420 ft Meas. 3

Depth cased: (first perf.) 380 ft Casing type: Steel; Diam. 8, 6 in

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open gallery, (I) end, (J) other S

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

Date Drilled: 4/69 Pump intake setting: 9:69 ft

Driller: Shiner Dlg Jew

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other J Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 10 Trans. or meter no. U

Descrip. MP 1/2" disc. at 2.0' ft above LSD. Alt. MP _____

Alt. LSD: 440 Accuracy: 465 (source) 11/3/81 6

Water Level: 49 ft above MP; 469 ft below LSD Accuracy: _____ D

Date meas: 4:69 Yield: 150 gpm Method determined 4

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

QUALITY OF WATER DATA: Iron 1 ppm Sulfate 2 ppm Chloride 2.3 ppm Hard. 10 ppm

Sp. Conduct 43 K x 10⁶ Temp. 20.0 C Date sampled 2/16/70 2.70

Taste, color, etc. pH 6.3

11/3/81
121
15.77
105.23
2.0
103.23
465
103
367

Well No.

R10

Well No. R10
 Latitude-longitude _____

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC PROVINCE: 03 Section: _____

Drainage Basin: 113:U Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
Lithology: U/S Origin: 3 **Aquifer Thickness:** 86 ft

Length of well open to: 8.6 ft **Depth to top of:** 40 ft **Depth to top of:** 336 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: _____

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

Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

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

SPR on test well R1

