

WELL SCHEDULE

Log # 215

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD Jac 4/75 Singer

Record by M. Smith Source of data All Records Date 6/70 Map

State Miss County 28 (or town) Madison Sequential number 45

Latitude: 32^{deg} 27^{min} 26^{sec} W Longitude: 09^{degrees} 06^{min} 56^{sec} W Sequential number: 2

Lat-long accuracy: 4⁷⁰ T 7⁷⁵ S, R 2⁸⁰ W, Sec 8 Other number: B & M

Local well number: W 040 0807N02E Other number:

Local use: 064215 Owner or name: Town of Madison

Owner or name: MADISON Address:

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

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) P

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

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

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

Hyd. lab. data:

Qual. water data; type: MSBOM 8/64

Freq. sampling: Pumpage inventory: no. period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 578 ft Meas. rept 578 accuracy 6

Depth cased: 518 ft Casing type: S Diam. 16x10 in 16

Finish: (C) porous concrete, (F) gravel w. (H) gravel w. (I) horiz. open (J) screen, (K) sd. pt., (L) shored, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) wash, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other H

Date Drilled: 1964 9:64 Pump intake setting: 277 ft

Driller: name address

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, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other T Deep Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 20 Trans. or meter m

Descrip. MP: above ft below LSD, Alt. MP

Alt. LSD: 330 Accuracy: (source) 5

Water Level: 135 ft above below MP; Ft below LSD 135 Accuracy: 9

Date meas: 1964 64 Yield: 175 60 gpm 215 Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65

QUALITY OF WATER DATA: Iron 2 ppm Sulfate 49.9 ppm Chloride 24 ppm Hard. 55 ppm

Sp. Conduct 6 K x 10 Temp. °F 74 Date sampled 77

Taste, color, etc.

PUNCHED and VERIFIED
ROLLA CO. EAST ST. RANCH

Well No. W 40

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

Drainage Basin: D ISK Subbasin:

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

MAJOR AQUIFER: system series TE aquifer, formation, group CP

Lithology: US Origin: 2 Aquifer Thickness: 66 ft

Length of well open to: ft 60 Depth to top of: 521 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: 6"

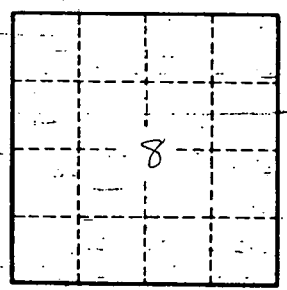
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

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



Well No. W 2