

WELL SCHEDULE

E log # 195

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by WTR Source of data Bowc MSGS Date 8/70 Map _____

State 28 County (or town) Madison 45

Latitude: 32^{deg} 29^{min} 10^{sec} N Longitude: 09^{degrees} 00^{min} 24^{sec} W Sequential number: 7

Lat-long accuracy: 20 T, 10 S, R, 20 W, Sec 1, NE, NE, NW

Local well number: W051AB0107NO2E Other number: _____

Local use: 026195 Owner or name: _____

Owner or name: JOE B. GRAY Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Institt, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____ H

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

Log data: E log 10' - 718' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 652 Meas. 3

Depth cased; (first perf.) _____ ft 637 Casing type: STEEL; Diam. _____ in 2

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

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

Date Drilled: 970 Pump intake setting: _____ ft _____

Driller: Forest name _____ address _____

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. _____ 5 7 Trans. or meter _____

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: topo 4

Water Level: 123 ft above MP; Ft below LSD 123 Accuracy: _____ D

Date meas: 770 Yield: _____ gpm _____ 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 _____

Taste, color, etc. _____

Well No.

67

Well No. W 51

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ Physiographic Province: 03 Section: _____

D ²² Drainage Basin: 13T ^{23 25} Subbasin: _____ ²⁶

Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp,
(Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ ²⁷

MAJOR
AQUIFER: _____ system _____ series ^{28 29} _____ aquifer, formation, group ^{30 31}

Lithology: _____ Origin: _____ ^{32 33} Aquifer Thickness: 37 ft ³⁴

Length of well open to: _____ ft ^{35 37} 15 ^{38 40} Depth to top of: _____ ft 605 ^{41 43}

MINOR
AQUIFER: _____ system _____ series ^{44 45} _____ aquifer, formation, group ^{46 47}

Lithology: _____ Origin: _____ ^{48 49} Aquifer Thickness: _____ ft ⁵⁰

Length of well open to: _____ ft ^{51 53} _____ ^{54 56} Depth to top of: _____ ft ^{57 59}

Intervals Screened: 2' S.S.

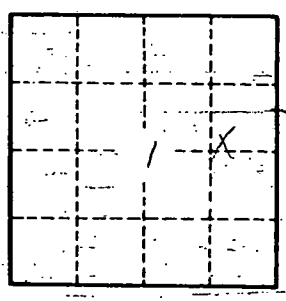
Depth to consolidated rock: _____ ft ^{60 63} Source of data: _____ ⁶⁴

Depth to basement: _____ ft ^{65 68} Source of data: _____ ⁶⁹

Surficial material: _____ ^{70 71} Infiltration characteristics: _____ ⁷²

Coefficient Trans: _____ gpd/ft ^{73 75} Coefficient Storage: _____ ^{76 78}

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



Well No.

W 51