

**WELL SCHEDULE**

E-109 # 236

OCT 29 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**MASTER CARD**

Record by GJD Source of data F-109/Bowc Driller Date 8-11-75 Map Ridgeland 1:24,000

State 28 County (or town) MADISON 45

Latitude: 32<sup>deg</sup> 27<sup>min</sup> 34<sup>sec</sup> N Longitude: 09<sup>deg</sup> 01<sup>min</sup> 32<sup>sec</sup> W Sequential number: 1

Local well number: V 236 Other number: B & M

Local use: 282 Owner or name: B L McLEMORE

Owner or name: B L McLEMORE Address: Lake Cavalier

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, 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) Instlt, (O) Unused, (P) Reprssure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other H

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/I meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:

Log data: E-109: 70-705 ft DE

**WELL-DESCRIPTION CARD**

SAME AS ON MASTER CARD Depth well: 582 ft Meas. rept. accuracy 3

Depth cased: 562 ft Casing type: 4 Diam. in 4

Finish: porous concrete, gravel w. concrete, (perf.), (screen), (gravel w. screen), (horiz. gallery), (open perf.), (screen, sd. pt.), (shored, open hole), other S

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

Date Drilled: 8-11-75 975 Pump intake setting: 36 ft 38

Driller: Jack Guinn Water Well Service Raymond

Lift (type): (A) air, (B) bucket, (C) cen., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb, (L) other S Deep 40 Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. S Trans. or meter no. 41

Descrip. MP 320 ft above below LSD, Alt. MP 47

Alt. LSD: 320 Accuracy: (source) 47

Water Level: 130 ft above below MP; Ft. below LSD 52 Accuracy: D

Date meas: 975 Yield: 10 gpm Method determined 61

Drawdown: 64 ft Accuracy: 65 Pumping period: 66 hrs 68

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72 Sp. Conduct K x 10<sup>6</sup> 73 Temp. °F 74 Date sampled 75 79

Taste, color, etc.

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD  Physiographic Province: \_\_\_\_\_ Section: \_\_\_\_\_

Drainage Basin: \_\_\_\_\_ 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 \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

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: \_\_\_\_\_

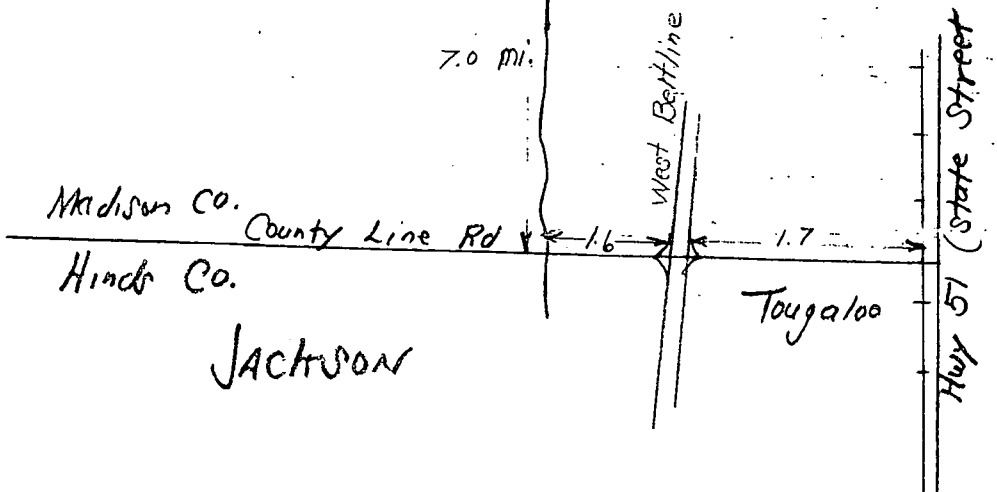
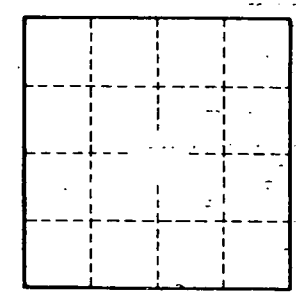
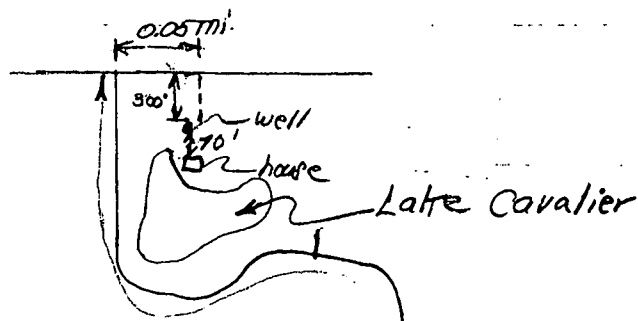
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. \_\_\_\_\_