FORM 9-1642
(1-68)

Well No. V39

Elog # 220

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES

PUNCHED

MAR 18 1974

MASTER CARD

Record by WDE Source of data Obs driller Date 4-27-72 Map Ridgeland Quad

State MISS 28 County (or town) MADISON 45

Latitude: 32 28 08 N (deg 7 min 9 sec 11) Longitude: 090 13 24 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 2 T 7 N, R 1 W, Sec 8, NW ¼, SW ¼, NW ¼ B & M

Local well number: V039C308071NO1E Other number:

Local use: Owner or name:

Owner or name: LAKE CAVALIER Address:

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

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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) 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: yes / no, period:

Aperture cards: yes

Log data: 1' - 790' — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 785 Meas. rept 3

Depth cased: (first perf.) ft 745 Casing type: ; Diam. 4x2½ in accuracy 4

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

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

Date Drilled: 4-27-72 972 Pump intake setting: ft

Driller: JACK GUINN (name), RAYMOND, MISS (address)

Lift (type): (A) air, (B) bucker, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — S; Deep / Shallow

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

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

Alt. LSD: 305 Accuracy: (source) topo 3

Water Level ft above/below MP; Ft above/below LSD 150 Accuracy: D

Date meas: 4 7 2 Yield: gpm 30 Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10 Temp. °F Date sampled

Taste, color, etc.

Well No.

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Latitude-longitude ____ N S ____ d m s d m s

HYDROGEOLOGIC CARD

[ ] SAME AS ON MASTER CARD (1–19)

Physiographic Province: ____ [0 3] (20–21) Section: ____

[D] (22) Drainage Basin: ____ [15K] (23–25) Subbasin: ____ [ ] (26)

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

MAJOR AQUIFER: ____ system, ____ series [TE] (28–29) ____ aquifer, formation, group [CΦ] (30–31)

Lithology: ____ [3S] (32–33) Origin: ____ [2] (34) Aquifer Thickness: ____ ft

[ ] (35–37) Length of well open to: ____ ft [40] (38–40) Depth to top of: ____ ft [ ] (41–43)

MINOR AQUIFER: ____ system, ____ series [ ] (44–45) ____ aquifer, formation, group [ ] (46–47)

Lithology: ____ [ ] (48–49) Origin: ____ [ ] (50) Aquifer Thickness: ____ ft

[ ] (51–53) Length of well open to: ____ ft [ ] (54–56) Depth to top of: ____ ft [ ] (57–59)

Intervals Screened: ____

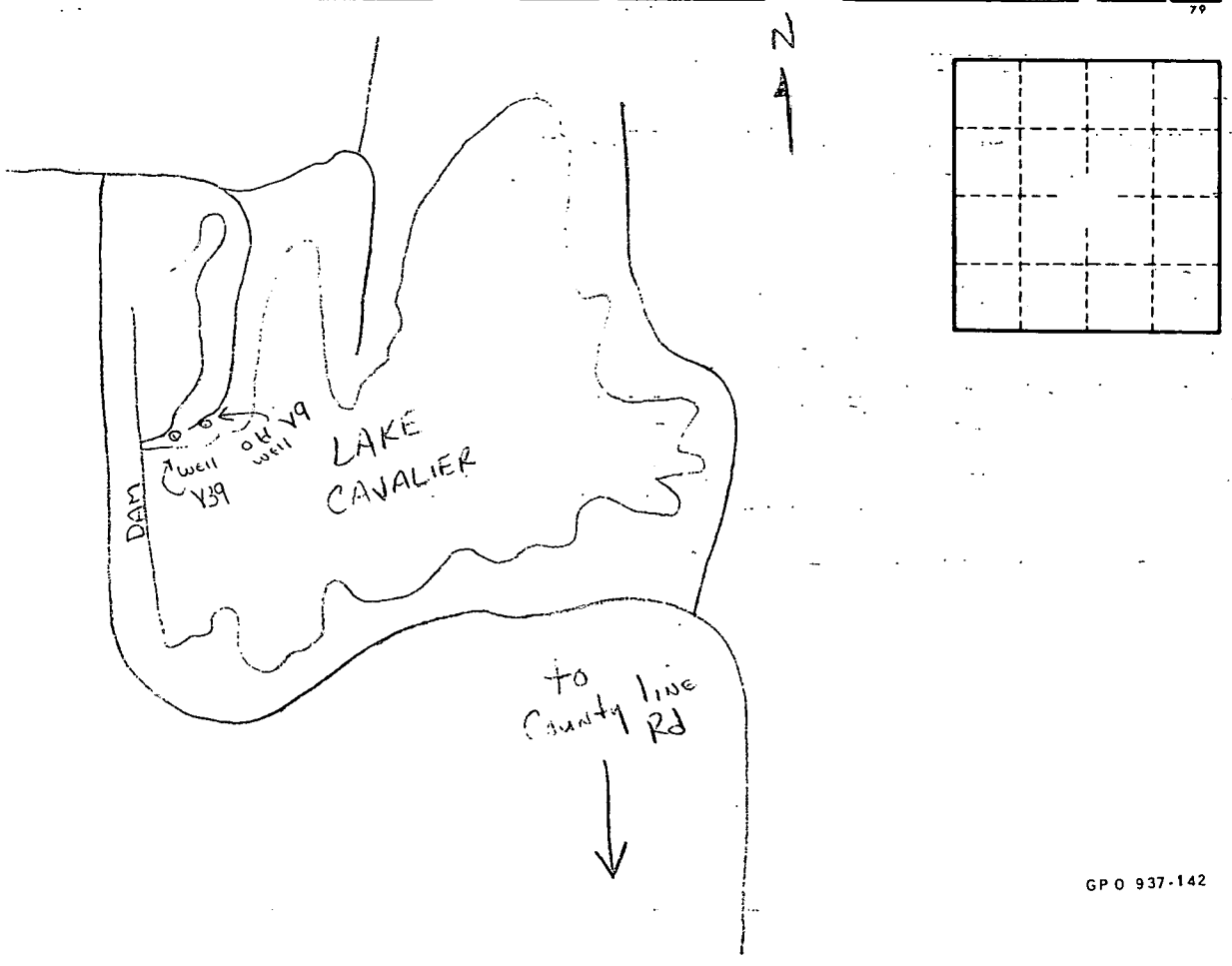
Depth to consolidated rock: ____ ft [ ] (60–63) Source of data: ____ [ ] (64)

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/ft^2; Spec cap: ____ gpm/ft; Number of geologic cards: ____ [ ] (79)



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GP O 937-142