Fulton NE

FORM 9-1642
(1-68)

Well No. M9
Elog #5

# WELL SCHEDULE

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

PUNCHED DEC 27 1972

## MASTER CARD

Record by Q  Source of data MSGS  Date 9/71  Map

State [2 8] (1 2)  County (or town) PRENTISS [5 7] (3 4)

Latitude: [34 29 15 N] (5 deg 7 min 9 sec 11 N/S)  Longitude: [088 20 40] (12 degrees 15 min sec 18)  Sequential number: [1] (19)

Lat-long accuracy: [2] (20)  T. 7 N, R. 9 W, Sec. 10 SW¼, NW¼, NW¼

Local well number: [M009CB1007S09E] (21 25 30)  Other number: #2 B & M (34)

Local use: (35 40 45 51)  Owner or name:

Owner or name: MSGS TEST HOLE (52 56 61 66)  Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [S] (67)

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 [U] (68)

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. [T] (69)

DATA AVAILABLE: Well data (70)  Freq. W/L meas: (71)  Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water data; type: (74)

Freq. sampling: (75)  Pumpage inventory: yes no, period: (76)

Aperture cards: yes (77)

Log data: Elog 3'-187' [E] (78 79)

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (10)  Depth well: ft (35 39)  Meas. rept accuracy (24)

Depth cased: (first perf.) ft (33 38)  Casing type: ; Diam. in (39 45)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other (31)

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 (32)

Date Drilled: 2/59 [9 5 9] (53 55)  Pump intake setting: ft (36 38)

Driller: MSGS (name)  (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other (39)  Deep  Shallow (40)

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

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

Alt. LSD: [4 4 7] (43 45)  Accuracy: (source) topo (47)

Water Level ft above below MP; Ft above below LSD (48 51)  Accuracy: (52)

Date meas: (53 55)  Yield: gpm (56 60)  Method determined (61)

Drawdown: ft (62 64)  Accuracy: (65)  Pumping period hrs (66 68)

QUALITY OF WATER DATA: Iron ppm (69)  Sulfate ppm (70)  Chloride ppm (71)  Hard. ppm (72)

Sp. Conduct K x $10^6$ (73)  Temp. °F (74 76)  Date sampled (77 79)

Taste, color, etc.

Well No.

Latitude-longitude N S d m s d m s

GEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 113B (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series (28–29) aquifer, formation, group (30–31)

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft (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)

Well No.

GPO 937-182

UNITED STATES
EPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# FULTON NE QUAD