FORM 9-1642
(1-68)

Well No. N 1

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by B.D. Source of data Book Date 5-71 Map

State [2 8] County (or town) Marshall [4 7]

Latitude: [3 4 4 3 1 5 N] (deg 3, min 7, sec 9, N/S 11) Longitude: [0 8 9 3 6 3 8] (12 degrees, 15 min, sec 18) Sequential number: [1] (19)

Lat-long accuracy: [5] (20) T 4 (N) S R 4 (W) E Sec 21 , ¼, ¼, ¼ B & M

Local well number: [N 0 0 1] (21–25) [2 1 0 4 S 0 4 W] (30–34) Other number:

Local use: [3 0 0] (35–42, 45–51) Owner or name:

Owner or name: [W. T. MCCALLUM] (52–60, 61–66) Address: Madison

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P] (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 [H] (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. [W] (69)

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas: [ ] [Ø] (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: [D] (78 79)

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] (1–19) Depth well: [ ] ft [1 3 0] (20–23) Meas. rept / accuracy [3] (24)

Depth cased (first perf.): [ ] ft [1 2 4] (25–28) Casing type: PVC ; Diam. [4] in (29 30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S] (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) wash, (Z) other [H] (32)

Date Drilled: [9 7 1] (33 35) Pump intake setting: [ ] ft (36 38)

Driller: Bumpas (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, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 [S] (41) Trans. or meter no.

Descrip. MP [ ] ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] (42–45) Accuracy (source): [ ] (47)

Water Level 65 ft above below MP; Ft above below LSD [6 5] (48 51) Accuracy: [D] (52)

Date meas: [4 7 1] (53 55) Yield: [1 0] 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 10⁶ (73) Temp. [ ] °F (74 76) Date sampled [ ] (77 79)

Taste, color, etc.

Well No.

Well No. N

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

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

D (22) Drainage Basin: 15E (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Ø) 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: 65 ft

(35–37) Length of well open to: ft (38–40) 60 Depth to top of: ft (41–43) 65

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: 4" Dia. Well

Depth to consolidated rock: 0 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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Well No. 2