FORM 9-1642
(1-68)

Well No. J70

WELL SCHEDULE

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

PUNCHED and VERIFIED BY ROLLA COMPUTATION CENTER

MASTER CARD

Bull 55

Record by RET | Source of data WSP 1024 | Date 10-22-70 | Map

State 28 | County (or town) Grenada 1 | 22

Latitude: 33 40 42 N | Longitude: 089 42 57 W | Sequential number: 1

Lat-long accuracy: 3 | T. 21 N, R. 10 W, Sec. 14, ¼, SW ¼, SW ¼

Local well number: J070CC1821N06E | Other number: #70 B & M Bull 55

Local use: | Owner or name:

Owner or name: A C RILEY | Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — 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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — U

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. — O

DATA AVAILABLE: Well data | Freq. W/L meas.: Discontinued obs well — C | Field aquifer char.

Hyd. lab. data:

Qual., water data; type:

Freq. sampling: | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

Last meas (1942) well was 179 ft

SAME AS ON MASTER CARD | Depth well: ft 670 | Meas. rept | accuracy 6

Depth cased: (first perf.) ft | Casing type: | Diam. in 3

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

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: | Pump intake setting: ft

Driller: Kahl, T (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 — N | Deep | Shallow

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

Descrip. MP Top Casing, 0 ft above/below LSD, Alt. MP

Alt. LSD: 235.37 | 235 | Accuracy: (source) — 1

Water Level ft above/below MP; Ft above/below LSD | F | Accuracy: — G

Date meas: 4 4 2 | 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 10^6 | Temp. °F | Date sampled

Taste, color, etc.

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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: 03 (20–21) Section:

D (22) Drainage Basin: 15G (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) "Holly Springs" aquifer, formation, group LW (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: ft

60 (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)

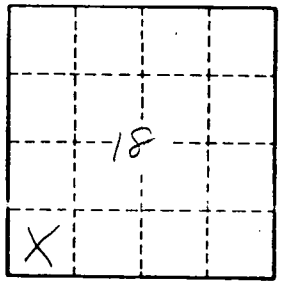
Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

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

Depth measured 1-1-45 179 ft

Water level now below GL

See WSP 1024 and 1072 for measurements.



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GPO 937-142