FORM 9-1642
(1-68)

Well No. M 10

WELL SCHEDULE

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

MASTER CARD

Record by J. S. Source of data BOWC Date 12/69 Map

State 28 County (or town) Jefferson 32

Latitude: 31 38 25 N (deg 7 min 9 sec 11) Longitude: 091 10 40 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 5 (20) T ___ N S, R ___ E W, Sec 35, ___ ¼, ___ ¼, ___ ¼ ___ B & M

Local well number: M 0 1 0 - 3 5 0 8 N 0 1 W (21–34) Other number: ___

Local use: 060 (35–51) Owner or name: ___

Owner or name: F BRADY (52–66) Address: Cannonsburg

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ___ 67 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 ___ 68 H

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. 69 W

DATA AVAILABLE: Well data (70) Freq. W/L meas.: ___ (71) 0 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: ___ (78 79) D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) Depth well: ___ ft (20–23) 147 Meas. rept ___ accuracy 24 J

Depth cased: (first perf.) ___ ft (25–28) 140 Casing type: ___; Diam. ___ in (29–30) 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other ___ 31 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 ___ 32 H

Date Drilled: ___ (33–35) 9 6 9 Pump intake setting: ___ ft (36–38)

Driller: ___ name, ___ address

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

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

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

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

Water Level, 74 ft above below MP; Ft above (below) LSD (48–51) 74 Accuracy: ___ 52 D

Date meas: ___ (53–55) 0 6 9 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. M 10

Well No. 14 10

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

HYDROGEOLOGIC CARD

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

_____ D (22) Drainage Basin: _____ 15L (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: 41 ft

(35–37) Length of well open to: _____ ft (38–40) 5 Depth to top of: _____ ft 106 (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: 2" Dia.

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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Well No. 14 10

GPO 937-142