WRD Exp. (GW)
April 1966

Well No. F17

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA, MO. WATER RESOURCES BRANCH

MASTER CARD

Record by J. Harrell Source of data Bowc Date 8/1/68 Map

State [2 8] (1 2) County (or town) LEAKE [4 0] (3 4)

Latitude: [3 2 5 0 0 3 N] (5 deg 7 min 9 sec 11; N S) Longitude: [0 8 9 3 4 5 2] (12 degrees 15 min sec 18) Sequential number: [1] (19)

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

Local well number: [F 0 1 7] (21 25) [0 4 1 1 N 0 7 E] (30 34) Other number: ____

Local use: [0 4 6] (35 40 45 51) Owner or name: ____

Owner or name: [O L L I E G A N N O N] (52 56 61 66) Address: Cantina, Mo

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.: ____ [D] (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 [6 9] (20 23) Meas. rept accuracy [3] (24)

Depth cased: (first perf.) ____ ft [6 3] (25 28) Casing type: ____; Diam. [2] in [2] (29 30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other ____ [5] (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 ____ [H] (32)

Date Drilled: [3/62] [9 6 2] (33 35) Pump intake setting: ____ ft [ ] (36 38)

Driller: ____ 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. ____ [ ] (41) Trans. or meter no. ____

Descrip. MP ____ ft above below LSD. Alt. MP ____

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

Water Level [45] ft above below MP; Ft above (below) LSD [4 5] (48 51) Accuracy: ____ [D] (52)

Date meas: [3 6 2] (53 55) Yield: [6.6] 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. ____

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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: 13T (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 SS (30–31)

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

(35–37) Length of well open to: ____ ft 6 (38–40) Deptn to top of: ____ ft 50 (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: 63-69 1¼"

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

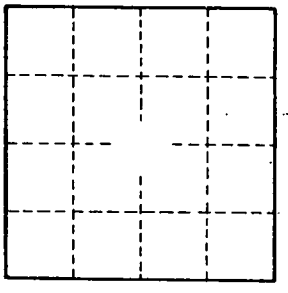
Depth to basement: ____ ft (65–68) Source of data: (69)

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)

8 miles N of Gatlinburg



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GPO 857-700