FORM 9-1642
(1-68)

Well No. D 21

WELL SCHEDULE

DEC 19 1972

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

PUNCHED

MASTER CARD

Record by B. D. Source of data BOWC Date 7-71 Map

State 28 County (or town) Staunton 29

Latitude: 34 21 30 N S (deg 7 min 9 sec 11) Longitude: 082751 (12 degrees 15 min sec 18) Sequential number: 1 19

Lat-long accuracy: 1 20 T 8 N R 8 E W, Sec 28, W½, NW ¼, NE ¼ B & M

Local well number: D021 BA2808508E 21 25 30 34 Other number:

Local use: 021 35 40 45 51 Owner or name:

Owner or name: MAX KIRKSEY 52 56 61 66 Address: Montachue

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 FISH 68 S

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) 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.: Φ 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 147 20 23 Meas. rept accuracy 24 3

Depth cased; (first perf.) 41'8" ft 42 25 28 Casing type: Steel; Diam. in 16 29 30

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

Date Drilled: 971 33 35 Pump intake setting: ft 36 38

Driller: Herndon - Ho (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 S 39 Deep Shallow 40

Power (type): diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. 1½ 5 41 Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 340 42 45 Accuracy: (source) topo 47 4

Water Level 40 ft above below MP; Ft (above) below LSD 410 48 51 Accuracy: 52 D

Date meas: 53 671 55 Yield: gpm 10 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. 021

Well No. D

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: [03] (20-21) Section: [ ]

[D] (19) Drainage Basin: [13B] (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 [K3] (28-29) ____ aquifer, formation, group [EZ] (30-31)

Lithology: [S] (32-33) Origin: [6] (34) Aquifer Thickness: 102 ft

[ ] (35-37) Length of well open to: ____ ft [102] (38-40) Depth to top of: ____ ft [145] (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)

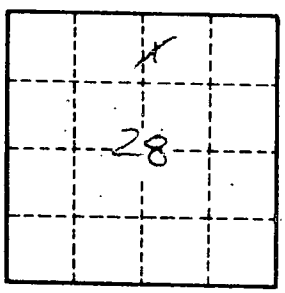
Depth to basement: ____ ft [ ] (65-68) Source of data: ____ [ ] (69)

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)

sand + clay 0-36
clay, clay 36-45
sand 45-147



Well No. 021

GPO 937-142