

Montpelier

WRD Exp. (GW)  
April 1966

Well No. D-17

WELL SCHEDULE  
GEOLOGICAL SURVEY

**PUNCHED**  
JAN 24 1973  
**PUNCHED**  
DEC 7 1972

U. S. DEPT. OF THE INTERIOR

RESOURCES DIVISION

MASTER CARD

Record by Guenther Source of data well Date 6/16/59 Map MONTPELIER 134-A

State Vt. County CLAY

Latitude: 33° 34' 31.0" N Longitude: 088° 55' 08" W Sequential number: 1

Lat-long accuracy: 3 T. 16 R. 4 Sec 6 SE SW NE

Local well number: D017CA0616S04E Other number: B & M

Local use: 115010 Owner or name: W E THOMPSON

Owner or name: W E THOMPSON Address: Montpelier

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom Irr, Med, Ind, P S, Rec, water: H

Use of (S) (T) (U) (V) (W) (X) (Y) (Z) W  
Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Use of (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W  
well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data: type: C

Freq. sampling:  Pumpage inventory:  no. period:

Aperture cards:  yes

Log data:  E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 800 ft Meas. rept 6 accuracy

Depth cased; (first perf.) 210 ft Casing type: 4 in Diam.

Finish: porous gravel v. gravel v. horiz. open (P) (S) (T) (W) (X) (Z) H  
(type): concrete, (perf.), (screen), gallery, end, other

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H  
Drilled: air bored, cable, d.c., hyd, jetted, air reverse trenching, driven, drive wash, other

Date Drilled: 6/16/59 9:59 Pump intake setting: 33 ft

Driller: Sumner name address

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or meter no. 40

Descrip. MP 335' (12/89) ft above below LSD. Alt. MP

Alt. LSD: 325 Accuracy: (source) 5

Water Level 118 ft above below MP; Ft below LSD 118 Accuracy: 5

Date meas: 33 Yield: 800 gpm Method determined 61

Drawdown: 33 ft Accuracy: 65 Pumping period 60 hrs

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72  
ppm Date sampled 10/25/60 060

Sp. Conduct 73 K x 10<sup>6</sup> Temp. 74 75

Taste, color, etc. 76

Well No.

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
N  
S  
d m s d m s

HYDROGEOLOGIC CARD

1  SAME AS ON MASTER CARD 19 Physiographic Province:  03 Section: \_\_\_\_\_  
 22  Drainage Basin:  13E Subbasin:  20 21 23 25 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_ 27

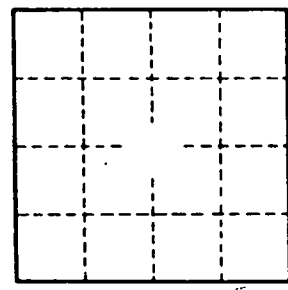
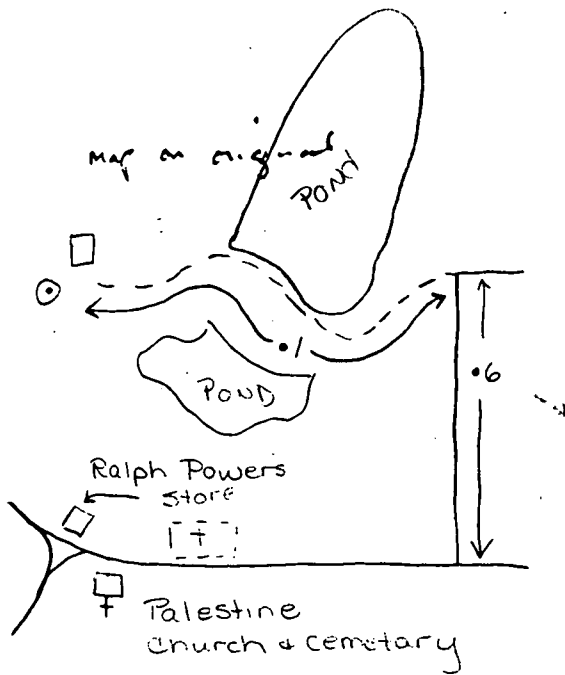
MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series  K3 \_\_\_\_\_ aquifer, formation, group  EU \_\_\_\_\_  
 Lithology: \_\_\_\_\_ Origin:  6 \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
 35 37 38 40 41 43

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_  
 Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
 31 33 34 36 37 39

Intervals Screened: \_\_\_\_\_  
 Depth to consolidated rock: \_\_\_\_\_ ft  40 \_\_\_\_\_ 63 Source of data: \_\_\_\_\_ 64  
 Depth to basement: \_\_\_\_\_ ft  65 \_\_\_\_\_ 68 Source of data: \_\_\_\_\_ 69  
 Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_ 72  
 Coefficient Trans: \_\_\_\_\_ gpd/ft  73 \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 74 78  
 Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup> ; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79



Well No. \_\_\_\_\_