

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION  
**PUNCHED DEC 7 1972**  
**PUNCHED JAN 24 1973**

MASTER CARD

Record by Callahan Source of data \_\_\_\_\_ Date 3/25/60 Map MONTPELIER 134-A

State VT County (or town) Clary Sequential number: 1

Latitude: 33° 41' 00" N Longitude: 088° 55' 50" W

Lat-long accuracy: 4 sec

Local well number: D018C1816S04E

Local use: 002005

Owner or name: BEASLEY SCHOOL Address: Montpelier

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instic, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other  (P) H

Use of well: Anode (A) Drain (D) Seismic (G) Heat Res (H) Obs (O) Oil-gas (P) Recharge (R) Test (T) Unused (U) Withdraw (W) Waste (X) Destroyed (S)  (W)

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:

Log data:  (D) (E)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 122.8 ft

Depth cased: \_\_\_\_\_ ft Casing type: \_\_\_\_\_ ; Diam. 4 x 2 1/2 in

Finish: porous concrete (C), gravel w. (F), gravel w. (G), horiz. (H), open (O), perf., screen, ad. pt., shored, other (B)

Method drilled: air rot (A), bored (B), cable (C), dug (D), hyd rot (H), jetted (J), air percussion (P), reverse (R), trenching (T), driven (V), drive wash (W), other (S)

Date drilled: 3/60 Pump intake setting: 9.60 ft

Driller: Ratiff

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

Power (type): diesel (D), elec (E), gas (G), gasoline (H), hand (I), gas, wind (J), H.P. (K), LP (L), other (M)

Descrip. MP: Top of casing 20 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 295 Accuracy: \_\_\_\_\_

Water Level: 106.0 ft above below MP; Ft. below LSD 99 Accuracy: \_\_\_\_\_

Date meas: 9.6.0 Yield: \_\_\_\_\_ 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<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled: 9.6.0

Taste, color, etc. \_\_\_\_\_

Data  
2/1/82  
123.7  
0/29/87  
24.96

need flashlight - tricky

Montpelier  
✓ go

LAG  
WL 10/5/78  
106.3

Well No.

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U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

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

MASTER CARD

Record by Cellahan Source of data \_\_\_\_\_ Date 3/25/60 Map \_\_\_\_\_

State 28 County (or town) Clay 13

Latitude: 334100N Longitude: 0885550 Sequential number: 1

Lat-long accuracy: 4 t. 16 R 4 W, Sec 18 t. Sw t. Sw t.

Local well number: D018CC1816S04E Other number: \_\_\_\_\_ B & M

Local use: 002005 Owner or name: BEASLEY SCHOOL Address: Montpelier

Ownership: County (C) Fed Gov't (F) City, Corp or Co (M) Private (N) State Agency (P) Water Dist (S) \_\_\_\_\_

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) \_\_\_\_\_

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

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (W) (X) (Y) (Z) \_\_\_\_\_

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes  no

Log data: \_\_\_\_\_ DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1228 ft. Meas. 0

Depth cased; (first perf.) \_\_\_\_\_ ft. Casing type: \_\_\_\_\_; Diam. 4 x 2 1/2 in

Finish: (C) porous concrete, (F) gravel v. (G) gravel v. (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open end, (M) other \_\_\_\_\_

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) wash, (M) other \_\_\_\_\_

Date Drilled: 3/60 9.6.0 Pump intake setting: \_\_\_\_\_ ft.

Driller: Ratliff

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, LP, H.P. 7 1/2 Trans. of water no. \_\_\_\_\_

Descrip. MP top of concrete base 2.0 ft. above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 295 Accuracy: \_\_\_\_\_

Water Level: 101.08/2676 ft. above below MP; Ft. below LSD 99 Accuracy: \_\_\_\_\_

Date meas: 9.6.0 Yield: \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft. Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs.

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 060 K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Water = 0.24  
Data  
12/1/82  
WL=123.7  
10/29/87  
124.96

16  
1/5/78  
106.3

Well No.

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

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

**GEOLOGIC CARD**  
SAME AS ON MASTER CARD

STEP 5 DEC 1950

Physiographic Section: 03  
Subbasin: 13E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat  
(F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V)

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group G4

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

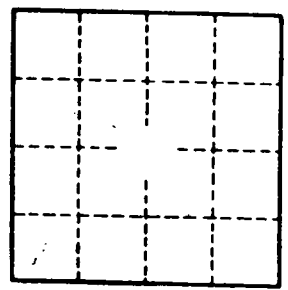
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpd/ft<sup>2</sup>; Number of geologic cards: \_\_\_\_\_

3-200 Limestone  
 200-244 Limestone + Rock  
 244-439 Limestone  
 439-503 shale  
 503-528 fine sand & shales  
 528-535 shale  
 535-564 shale  
 564-569 591 shale - Rocks at 576  
 591-592 rock  
 592-612 Limestone + Rock  
 612-699 shale  
 699-720 sandy shale  
 720-733 shale  
 733-767 798 Rock at 733  
 767-800 sandy shale  
 800-800 Rock  
 800-917 sandy shale  
 917-969 do  
 969-987 do  
 987-1003 do  
 1003-1024 do



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