

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by ej Source of data M3WC Date 7-22-74 Map \_\_\_\_\_

State 28 County Newton (or town) 51

Latitude: 32 21 10 N Longitude: 08 9 18 00 Sequential number: \_\_\_\_\_

Lat-long accuracy: 3 0 10 S, R 10 W, Sec 20, NE & NW

Local well number: J067AB2006N10E Other number: \_\_\_\_\_

Local use: 003 Owner or name: \_\_\_\_\_

Owner or name: J. A. COTTEN Address: Lawrence, ma.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Reppure, (P) Desal-P S, (Q) Desal-other, (R) Other \_\_\_\_\_ 68

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed \_\_\_\_\_ 69

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char. \_\_\_\_\_ 70

Hyd. lab. data: \_\_\_\_\_ 73

Qual. water data; type: \_\_\_\_\_ 74

Freq. sampling: \_\_\_\_\_ Pumpage inventory: yes  no, period: \_\_\_\_\_ 76

Log data: \_\_\_\_\_ 78  79

WELL-DESCRIPTION CARD

Depth well: 191 ft Meas. rept accuracy \_\_\_\_\_ 24

Depth cased: 181 ft Casing type: OVC Diam. in \_\_\_\_\_ 29  30

Finish: porous concrete, gravel w. (perfor.), gravel w. (screen), horiz. open perf., screen, sd. pt., shored, open hole, other \_\_\_\_\_ 31

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other \_\_\_\_\_ 32

Date Drilled: 6-16-74 9-7-74 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 36  38

Driller: W. L. Welch name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ 39  Deep \_\_\_\_\_ 40  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 41  Trans. or meter no. \_\_\_\_\_

Descr. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 47

Water Level \_\_\_\_\_ ft above MP; \_\_\_\_\_ ft below LSD \_\_\_\_\_ 52  Accuracy: \_\_\_\_\_

Date meas: 6-7-74 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ 53  Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ 56  Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 60

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ 69  Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ 70  Chloride \_\_\_\_\_ ppm \_\_\_\_\_ 71  Hard. \_\_\_\_\_ ppm \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10 \_\_\_\_\_ 73  Temp. \_\_\_\_\_ °F \_\_\_\_\_ 74  \_\_\_\_\_ 76  Date sampled \_\_\_\_\_ 77  \_\_\_\_\_ 79

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

Well No. 067

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

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD    03 Section: \_\_\_\_\_  
Province: \_\_\_\_\_

D Drainage Basin: 137 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series TE \_\_\_\_\_ aquifer, formation, group CΦ

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 51 ft

Length of well open to: \_\_\_\_\_ ft 10 Depth to top of: \_\_\_\_\_ ft 140

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: \_\_\_\_\_

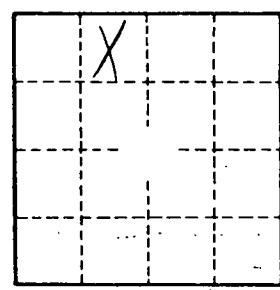
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



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