

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Latitude-Longitude 38 34 44 N 75 36 34 W

MASTER CARD

Record by R. JOHNSON Source of data DELMARVA Date 1/72 Map LAUREL 7 1/2' QUAD

State DEL County DESSY (or town)

Latitude: 38 34 44 N Longitude: 75 36 34 W Sequential number: 1

Local well number: QC 146 Other number: 1

Local use: COLLEMAN WAREHOUSE

Owner or name: WHEATLEY Address: DETHEL, DEL.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Ind, (H) Mad, (I) P, (J) Rec, (K) Stock, (L) Instlt, (M) Unused, (N) Repressure, (O) Recharge, (P) Desal-P, (Q) Diesel-other, (R) Other: T

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Ex, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed: 1

DATA AVAILABLE: Well data: 3 Freq. W/L meas.: 1 Field aquifer char.: 7

Hyd. lab. data: 1

Qual. water data: type: 1

Freq. sampling: 1 Pumpage inventory: 1 yes 1 no 1 Period: 1

Aperture cards: 1 yes 1 no 1

Log data: DRILLER'S LOG P

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC PROVINCE: ATLANTIC COASTAL PLAIN Section: EMBEDD

MAJOR AQUIFER: QUAT. PLASTIC Q6 COLUMBIA CLAY

Lithology: SAND & GRAVEL R Origin: ? Thickness: ?

Length of well open to: 8 ft Depth to top of: 8 ft

Lithology: ? Origin: ? Thickness: ?

Length of well open to: ? ft Depth to top of: ? ft

Unconsolidated rock: ? ft Source of data: ?

Depth to basement: ? ft Source of data: ?

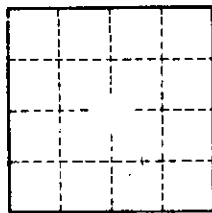
Surface material: QC 14-07 Infiltration characteristics: ?

Coefficient of storage: 48,000 * 4.83 Coefficient of storage: ?

Coefficient of transmissibility: ? 32 Number of geologic cards: ?

* BASED ON SPEC. CORRECTION X 1500 FT

LOCATED 1/2 MILE N.E. OF
BETHEL, DEL. ON ROAD TO ROAD
78.



DRILLER'S LOG:

- 1-7 FT. F.G. - CSE SAND
- 7-9 CLAY
- 9-60 F.G. - CSE SAND W/ GRAVEL
- 60-78 CSE SAND & GRAVEL
- 78-90 F.G. SAND
- 90-92 CLAY

WELL-DESCRIPTION CARD

DEPTH WELL: 90 ft. Accuracy: 90 ft. 3

Depth cased: 17 ft. Casing type: CONCRETE; Dia: 17 in. 17

Finish: (C) porous gravel, (D) concrete, (E) gravel w. screen, (F) open part., (G) galv., (H) galv. and, (I) other: F

Method: (A) air bored, (B) cable, (C) dug, (D) hyd. jacked, (E) air reverse, (F) trenching, (G) driven, (H) drive, (I) wash, (J) other: 1

Date drilled: ? Pump intake setting: ? ft. ?

Driller: DELMARVA DRILLING CO. BRIDGEVILLE DEL.

Life: (A) air, (B) bucket, (C) cant., (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot., (J) submerg., (K) curb, (L) other: 1 Deep 1 Shallow 1

Power: (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) other: 1 Trans. of motor no.: ?

Descrip. MP: LSD ft. below LSD, Alt. MP: 30

Alt. LSD: 30 Accuracy: 7 1/2' TOP MAP 3

Water level: 8 ft. above/below MP; 8 ft. below LSD Accuracy: DRILLER'S MAP 1

Date: ? Yield: 550 gpm 550 Method determined: ?

Drawdown: 17 ft. Accuracy: 3 Pumping period: 3 hrs. 3

QUALITY OF WATER DATA: Iron ? Sulfate ? Chloride ? Hard. ?

Sp. Conduct. ? K x 10⁶ Temp. ? Data sampled: ?

Taste, color, etc. ?