

WRD Exp. (GW)
April 1966

Well No. G3

WELL SCHEDULE

E Log #21

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Paul E. Grantham Source of data Driv. + E Log Date 4-26-68 Map

State Mississippi County 28 (or town) Neshoba 50

Latitude: 32⁴⁸58^N Longitude: 08⁹06²⁶ Sequential number: 1

Lat-long accuracy: 2 T. 11 S, R 12 Sec 7 NE, NW, SW

Local well number: G003BC0711N12E Other number: B & M

Local use: 145021 D68 17 Owner or name: Central Water Assoc

Owner or name: CENTRAL WATER ASSOCIATION Address: N of Philadelphia

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

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

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 W

DATA AVAILABLE: Well data 70 Freq. W/L meas: 71 Field aquifer char. 72 Z

Hyd. lab. data: 73

Qual. water data; type: MSBON PARTIAL USGS-3-18-70 74 C

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78 79 DE

Log data: E Log 4 to 665 ft 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 650 ft Meas. rept 24 3

Depth cased: (first perf.) 610 ft Casing type: IRON Diam. 8 1/2 in 29 30

Finish: (C) concrete, (F) porous gravel v. (G) gravel v. (H) horiz. (I) open (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 31 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) percussion, (G) rotary, (H) air, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other 32 4

Date Drilled: 968 Pump intake setting: 33 35 ft 36 38

Driller: Compass Drilling Co, Sebastopol Miss

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 T Deep 40 Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 41 10 T Trans. or meter no.

Descrip. MP 42 ft above LSD, Alt. MP 43

Alt. LSD: 425 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

Water Level: 42 ft above MP; 43 ft above LSD 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

Date meas: 568 Yield: Open gpm 225 Method determined 4

Drawdown: 13 ft Accuracy: 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

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

Sp. Conduct 79 120 K x 10⁶ 73 Temp. 68 °F 74 75 76 77 78 79 370

Taste, color, etc. Field pH: 5.5

Water Level Data
11/16/82
WL = 80.78
12/2/88
WL = 80.90

RECORDED

Well No.

G3

Well No. G3

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

19 **SAME AS ON MASTER CARD** 20 **0:3** 21 **Section:**

22 **D** 23 **1:3:T** 24 **Subbasin:** 26

(D) (C) (E) (F) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (φ) (P) (S) (T) (U) (V) 27

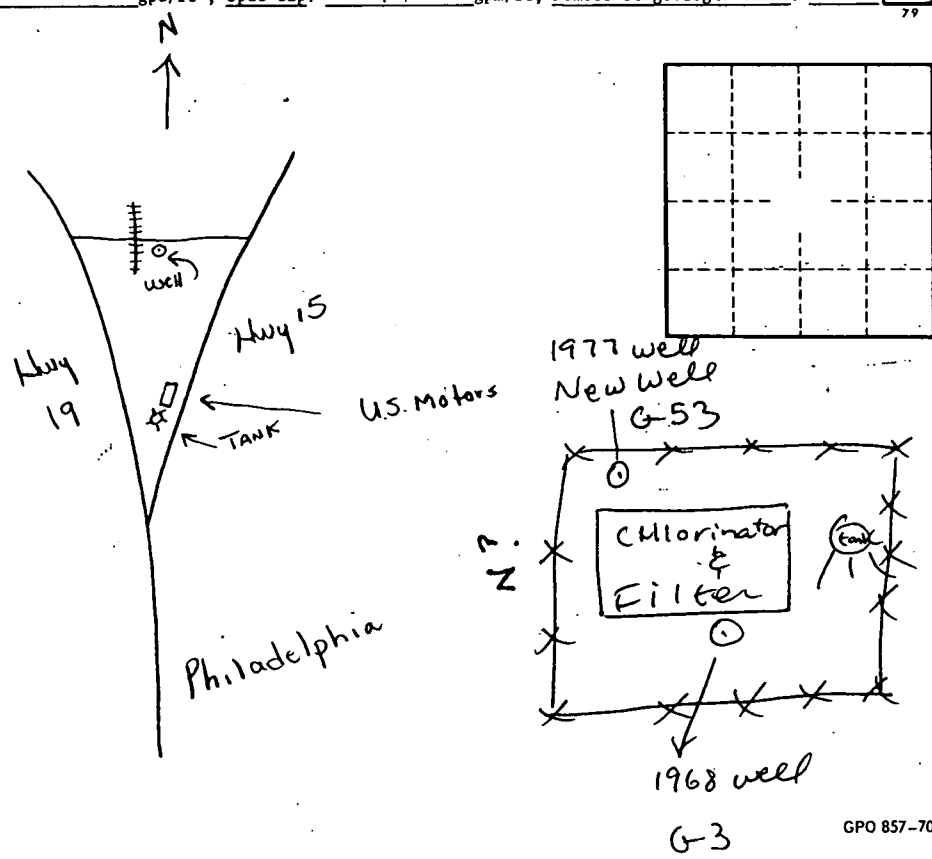
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR
 AQUIFER: 28 **TE** 29 **LW** 30 31
 system series aquifer, formation, group

Lithology: 32 **U:5** 33 Origin: 34 **2** 35 **160+** 36
 Length of well open to: 37 **4:0** 38 39 Depth to top of: 40 **5:0:0** 41 42 43
 MINOR
 AQUIFER: 44 45 46 47
 system series aquifer, formation, group

Lithology: 48 49 Origin: 50 Thickness: 51 ft
 Length of well open to: 52 53 54 55 56 57 58 59
 Intervals Screened: **610' - 650' 40' 12 Slot 35 (Johnson)**

Depth to consolidated rock: 60 61 62 Source of data: 64
 Depth to basement: 65 66 67 Source of data: 69
 Surficial material: 70 71 Infiltration characteristics: 72
 Coefficient Trans: **200,000** 73 gpd/ft **204** 74 Coefficient Storage: 76 77
 Coefficient Perm: 78 gpd/ft²; Spec cap: **17** 79 gpm/ft; Number of geologic cards: 79



Well No. G3