

WRD Exp. (GW)  
April 1966

Well No. E1

**PUMPED**  
APR 22 1975

**WELL SCHEDULE**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

**MASTER CARD**

Record by \_\_\_\_\_ Source of data \_\_\_\_\_ Date 2-27-67 Map Forest Quad.

State MISS County NEWTON

Latitude: 32° 27' 28" N Longitude: 089° 16' 12" W Sequential number: 1

Lat-long accuracy: 7 S, R 10 W, Sec 10, SW SW

Local well number: E0019C1007N10E Other number: \_\_\_\_\_

Local use: 010 Owner or name: Conehatta Indian School

Owner or name: CONEHATTA I SCH Address: Conehatta Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) Instit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Z) Desal-other

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

DATA AVAILABLE: Well data 2 Freq. W/L meas.: \_\_\_\_\_ Field aquifer char. \_\_\_\_\_

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

Qual. water data; type: USGS Complete 2-15-67

Freq. sampling: USGS Pumpage inventory: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: Driller log

**WELL-DESCRIPTION CARD**

SAME AS ON MASTER CARD Depth well: 351 ft Meas. rept. accuracy 6

Depth cased: 307 ft Casing type: Steel; Diam. 10x6x3 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

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

Date Drilled: 1-1959 Pump intake setting: 293 ft

Driller: R.R. Nicholson, Dixon Miss

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

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) 5 Hp. Trans. or meter no. 7

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

Alt. LSD: 515 Accuracy: C.I 20

Water Level: 163 ft above MP; Ft below LSD 163 Accuracy: \_\_\_\_\_

Date meas: 1-59 Yield: 60 gpm 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 \_\_\_\_\_

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

11/3/82  
185  
14.81  
170.19  
1.3  
168.89  
515  
169  
346

Well No. 1

Well No. E1

Latitude-longitude 32 27 28 089 16 12  
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: \_\_\_\_\_

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

Top of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, (K) sink, swamp, (L) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_ 27 H

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Sparta Sandstone 30 31 SS

Lithology: Sand 32 33 Origin: U.S. 34 35 Aquifer Thickness: 2 ft

Length of well open to: 44 ft 36 37 Depth to top of: 307 ft 38 39 306 40 41

MINOR AQUIFER: \_\_\_\_\_ system, \_\_\_\_\_ series, \_\_\_\_\_ aquifer, formation, group, \_\_\_\_\_ 44 45 \_\_\_\_\_ 46 47

Lithology: \_\_\_\_\_ 48 49 Origin: \_\_\_\_\_ 50 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft 51 52 Depth to top of: \_\_\_\_\_ ft 53 54 \_\_\_\_\_ 55 56 \_\_\_\_\_ 57 59

Intervals Screened: 307-351

Depth to consolidated rock: \_\_\_\_\_ ft 60 61 Source of data: \_\_\_\_\_ 64

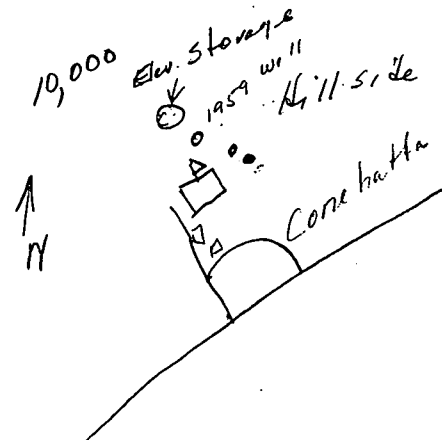
Depth to basement: \_\_\_\_\_ ft 62 63 Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_ 70 71 Infiltration characteristics: \_\_\_\_\_ 72

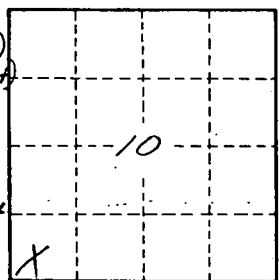
Coefficient Trans: \_\_\_\_\_ gpd/ft 73 75 Coefficient Storage: \_\_\_\_\_ 76 78

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79

Basal Sp



- 0-50 Red Sandy Clay
- 50-66 Sand some water
- 66-112 Pipe Clay (No H<sub>2</sub>O)
- 112-148 Sand Shells (blue dirt)
- 148-168 Large shell & blue dirt
- 168-220 Sandy blue dirt
- 220-273 Fine grey sand
- 273-
- 294-306 Mixed Sand & dirt
- 306-352 Grey water bearing sand



3 wells, two wells are completely cut off from system and not in use.

Mr. Earl C. McLaughlin in charge of Buildings & Grounds  
Phone 656-1524 Philadelphia Pa. 19135

M. James D. Hale Supt.

- 68' of 10"
- 239' of 6"
- 44' of 3" SS Well screen
- Pump set @ 293' Capacity 60 gpm
- 10' of d/d at 60 gpm. Etc.