

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by TN Shows Source of data Bowc Date _____ Map _____

State 28 County (or town) Jones 34

Latitude: 31 47 29 N Longitude: 08 90 15 1 Sequential number: 1

Lat-long accuracy: 3 T. 10 S, R 10 E Sec 31, SE SE B & M

Local well number: 004503110N10W Other number: _____

Local use: 002 Owner or name: _____

Owner or name: EANDERSVILLE Address: _____

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

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

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 Z

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

Hyd. lab. data: _____

Qual. water data; type: MSBON 10-23-62

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____

Aperture cards: _____

Log data: D

2/28/85
Tried to locate old well. looks to be destroyed or under ground. well was behind City Hall

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 710 Meas. rept accuracy 3

Depth cased: _____ ft 670 Casing type: _____; Diam. 8x4 in 8

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other S

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

Date Drilled: 962 Pump intake setting: _____ ft _____

Driller: ROBERT RATLIFF, 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 Deep Shallow

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

Descrip. MP _____ ft above below LSD. Alt. MP _____

Alt. LSD: 283 Accuracy: (source) 4

Water Level: _____ ft above below MP; Ft. below LSD 14 Accuracy: _____

Date meas: 962 Yield: _____ gpm 157 Method determined 61

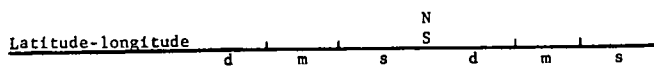
Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. 045



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Province: 03 Section: _____

D Drainage Basin: 130 Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series TE Cockfield aquifer, formation, group C0

Lithology: _____ Origin: S Aquifer Thickness: 2 ft

Length of well open to: _____ ft 40 Depth to top of: _____ ft 621

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: _____

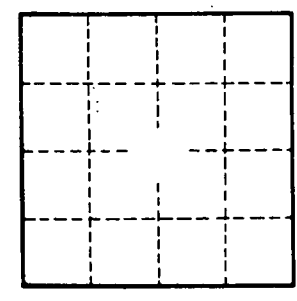
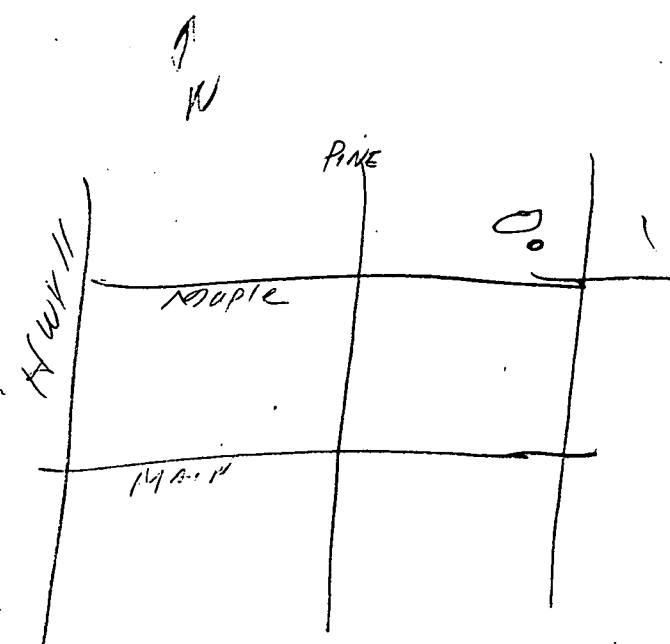
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² 283 Coefficient Storage: 305

Coefficient Perm: 320 gpd/ft²; Spec cap: 5.8, 7.0 gpm/ft; Number of geologic cards: _____

- 0-15 Clay
- 15-34 - sd
- 34-79 - Clay
- 79-89 - sd
- 89-178 - shale
- 178-179 - rock
- 179-189 - Sand
- 180-210' Shale
- 210'-212' rock
- 212'-227' Shale
- 227'-228' rock
- 228'-258' shale
- 258'-259' rock
- 259'-261' shale
- 261'-262' rock
- 262'-269' shale
- 269'-293' hard rock
- 293'-303' Shale
- 303'-315' rock
- 315'-325' sand
- 325'-327' rock
- 327'-367' sd shale
- 367'-607' b. shale (gyp)
- 607'-609' rock
- 609'-671' Shale
- 671'-708' sand
- 708'-730' F. Sand
- 731'-761' Shale
- 760'-790 - sd shale
- 790'-804 - h shale



Well No.

D 45

MSBOM (1962)

SiO₂ - 14.8 SO₄ = 50 CO₂ = 50 pH = 8.4
 Fe: .1 CL = 27 TDS = 489 Colour = 65
 Ca: 1.0 F = .2 hard = 10