

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by ej Source of data BOWC Date 3-27-68

State 28 County (or town) Newton 51

Latitude: 32^{deg} 23^{min} 04^{sec} N Longitude: 08^{deg} 91^{min} 14^{sec} W

Lat-long accuracy: 30 T, 60 S, R 110 W, Sec 4, SW, SW

Local well-number: K038 0406 N1E Other number: B & M

Local use: 003 Owner or name: Pine Bluff Church

Owner or name: PINE BLUFF CH. Address: Newton

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

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 H

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 Freq. W/L meas.: Field aquifer char

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: period:

Aperture cards: Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 318 ft Meas. rept accuracy 3

Depth cased (first perf.): 135 ft Casing type: 2 Diam. in 2

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

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

Date Drilled: 10-15-62 9:62 Pump intake setting: 36 ft 38

Driller: H Z 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., (I) Trans. or meter no. 41

Descrip. MP above ft below LSD, Alt. MP 47 Accuracy: (source) 48

Water Level: 42 ft above MP; 43 ft below LSD Accuracy: 52

Date meas: 062 Yield: 53 gpm Method determined: 51 60

Drawdown: 62 ft Accuracy: 64 Pumping period: 65 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72 ppm Sp. Conduct 73 K x 10⁶ Temp. 74 °F Date sampled 75 76 77 79

Taste, color, etc. 79

Well No. 1538

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

2 Drainage Basin: 13P Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat
(Ø) (S) (T) (U) (V)

MAJOR AQUIFER: _____ system _____ series TE aquifer, formation, group SS

Lithology: US Origin: 2 Aquifer Thickness: _____ ft
Length of well open to: _____ ft 53 Depth to top of: _____ ft 265

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: _____

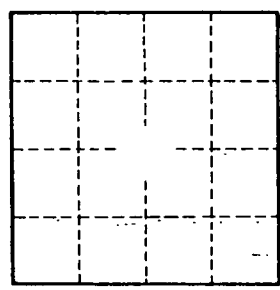
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

4 miles N. of Newton.



Well No. 1538