

WELL SCHEDULE Fed. Well No. 331248N905209.1

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by Brown Read Source of data Owner Date 3-8-39 Map Swan Lake

State Mississippi 28 County (or town) Washington 76

Latitude: 33⁵ 12⁷ 48⁹ N¹¹ Longitude: 09¹² 05¹⁵ 20¹⁸ 9¹⁹ Sequential number: 1

Lat-long accuracy: 1²⁰ T. 16^N S, R. 7^E Sec 25, NE $\frac{1}{4}$, NE $\frac{1}{4}$, $\frac{1}{4}$

Local well number: L165AA2516N07W Other number: _____ B & M

Local use: _____ Owner or name: W. D. Atterbury

Owner or name: W. D. ATTERBURY Address: Estill, Miss.

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Irr, Med, Ind, P S, Rec, water: _____ U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____ U

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

Hyd. lab. data: _____

Qual. water data; type: USGS partial

Freq. sampling: original Pumpage inventory: no period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1950 ft 1950 Meas. 6

Depth cased: 1910 ft 1910 Casing type: black iron; Diam. 5 in 5

Finish: porous concrete, gravel w. (perfor.), (screen), gravel w. (horiz. gallery), open end, perf., screen, sd. pt., shored, open hole, other _____ S

Method: air bored, cable, dug, hyd, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other _____ H

Date Drilled: 1908 908 Pump intake setting: _____ ft _____

Driller: A.M. Lockett Co, New Orleans, La

Lift (type): air, bucket, cent, jet, multiple, multiple, non, piston, rot, submerg, turb, other _____ N Deep _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____

Descrip. MP well T, which is 2.4 ft above LSD Alt. MP 121-58

Alt. LSD: 119.7 120 Accuracy: instrument

Water Level +78.88 ft above MP 120 ft below LSD +81 Accuracy: gages - 33.6 # _____ H

Date meas: 3-8-39 339 Yield: 104 gpm 104 Method Meas. 1

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

QUALITY OF WATER DATA: Iron _____ Sulfate 1 Chloride 106 3 Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. 96°F 96 Date sampled 8-16-39 839

Taste, color, etc. clear (occ red)

TRANSMITTED FOR ADP

Well No.

L165

Latitude-longitude 33 12.48^N 090 52.09^W

GEOLOGIC CARD

NAME AS ON MASTER CARD _____ Physiographic Province: Coastal Plain Section: Miss. River

Drainage Basin: 115J Subbasin: _____

of site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) crest nat. levee

FORMATION: Tertiary, Eocene TE Meridian - upper Wilcox MW

Geology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: _____ ft

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

FORMATION: _____ series _____ aquifer, formation, group _____

Geology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals screened: 1910 - 1950 40 ft screen

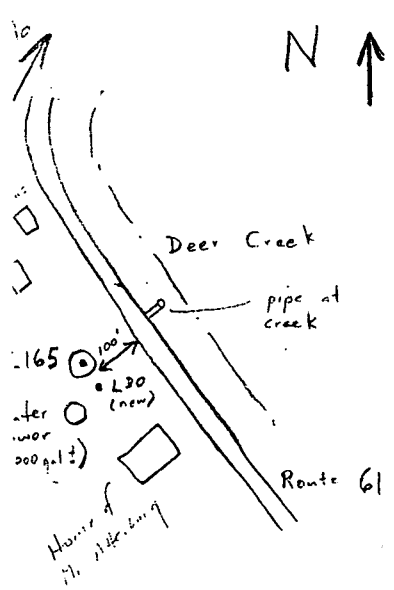
Depth to consolidated rock: _____ ft Source of data: _____

Depth to cement: _____ ft Source of data: _____

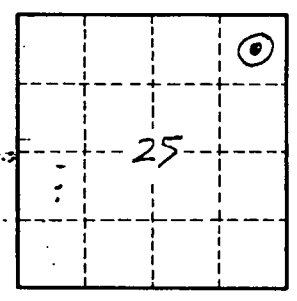
Infiltration characteristics: _____

Efficient storage: _____ gpd/ft Coefficient Storage: _____

Efficient storage: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____



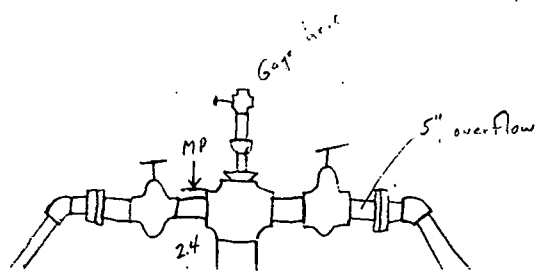
Handwritten calculations:

$$\begin{array}{r} 33.6 \\ 2.3 \\ \hline 100.8 \\ 67.2 \\ \hline 77.75 \\ 1.6 \text{ to } 1.9 \\ \hline 78.88 \end{array}$$


5" overflow into Deer Creek

Static level
Aug 10, 1939
+ 78.9 ft

(Difference in data about elevations)



Layne Central attempted flush out - no success
New well 6 ft

Well No. L165