

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by G. F. Brown Source of data Mr Hollowell Date 5-10-39 Map Tralake Quad

State Mississippi County (or town) Washington

Latitude: 33 deg 24 min 25 sec N Longitude: 09 degrees 05 min 34 sec W Sequential number: 1

Lat-long accuracy: 2 T. 18 S. R. 7 Sec 14, NE 1/4, SW 1/4

Local well number: E 019 AC 14 18 N 07 W Other number: #27 MSGS Bull. 65

Local use: 064 Owner or name: City of Leland

Owner or name: LELAND Address: Leland, Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, Rec. (P) P

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

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

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

Hyd. lab. data:

Qual. water data; type: MSBH 12-14-61

Freq. sampling: none Pumpage inventory: yes no: period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 526 ft Meas. 526 accuracy 6

Depth cased: (first perf.) 426 ft Casing type: 426 Diam. 12 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

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

Date Drilled: 1927 Pump intake setting: 80 ft

Driller: Layne Central

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

Power (type): diesel, elec nat, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. V

Descrip. MP base plate of pump 1.0 ft above below LSD. Alt. MP 127.74

Alt. LSD: 126.74 Accuracy: (source) instrument

Water Level: -20 ft above below MP, Ft. below LSD 19 Accuracy: repeated 1952

Date meas: 38 Yield: 808 gpm Method Rpt determined G

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

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

Taste, color, etc. clear

Well No.

E 19

Latitude-longitude N
S
d m s d m s

GEOLOGIC CARD

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

Drainage Basin: E 15 J Subbasin: 26

of depression, stream channel, dunes, flat, hilltop, sink, swamp, site: (D) (C) (E) (F) (H) (K) (L) (S) (P) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 V

Age: Tertiary, Eocene T E Cockfield C 31

Geology: Unconsolidated sand U S Origin: Deltaic 3 Aquifer Thickness: 60 ft

Length of well open to: 60 ft 100 ft 100 ft Depth to top of: 464 ft 464 ft 43

Age: system series aquifer, formation, group 47

Geology: Origin: Aquifer Thickness: ft 50

Length of well open to: ft ft ft Depth to top of: ft ft ft 59

Wells cased: 426-526

Height to consolidated rock: ft 60 Source of data: 64

Height to cement: ft 65 Source of data: 69

Infiltration characteristics: 70-71 72

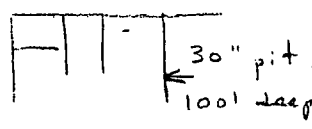
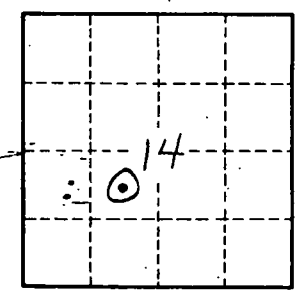
Efficient storage: gpd/ft 73 Coefficient Storage: 76-78

Efficient storage: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

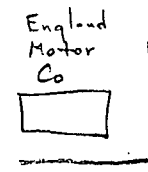
81.03 MP 79.03 GL 7/11/60

1 hp turbine, 1048 gpm capacity.

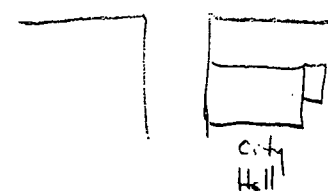
ft dd after 10 hrs pumping May 1928



17-69 35.08 GL



1961 CL=80 Color=80 City well #2



W.W. Supt.

WELL NO.

E 19