

WRD Exp. (GW)  
April 1966

Well No. N 38

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by E. J. Harvey Source of data Driller Date 1-5-59 Map Readland

State Mississippi County (or town) Washington Sequential number: 1

Latitude: 33° 06' 28" N Longitude: 091° 03' 29" W

Lat-long accuracy: 4 T. 14 S. R. 8 E. Sec. 31, Irregular

Local well number: N 0 3 8 Other well number: # 2 B & M

Local use: \_\_\_\_\_ Owner or name: W. F. Elkas

Owner or name: W F ELKAS Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

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

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

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

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes  no

Log data: Drillers

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 825 ft Meas. 825 ft accuracy 3

Depth cased; (first perf.): \_\_\_\_\_ ft Casing type: \_\_\_\_\_; Diam. 3 2 in

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

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

Date Drilled: 12-23-54 Pump intake setting: 66 ft 66

Driller: Jimmy Grissom address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, other J Deep  Shallow

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 1 Trans. or meter no. 5

Descrip. MP \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 112 Accuracy: (source) 3

Water Level: 26 ft above MP; Ft below LSD 26 Accuracy: Reported

Date meas: 12-23-54 Yield: 10 gpm Method P determined 10

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 1075 K x 10<sup>6</sup> Temp. 73 °F Date sampled 5-6-68

Taste, color, etc. soft; good. Slightly cloudy - fizz 5-15-68

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DE-645

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Latitude-longitude \_\_\_\_\_  
d m s N S d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: Coastal Plain 03 Section: Miss. River

alluvial plain E Drainage Basin: 15H Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Sparta Sand 55

Lithology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 28 ft 28 Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: \_\_\_\_\_ system, \_\_\_\_\_ series, \_\_\_\_\_ aquifer, formation, group, \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 797 - 825 ft 28' x 2" 80 gr

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

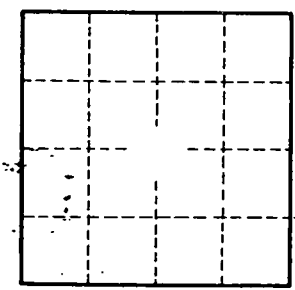
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

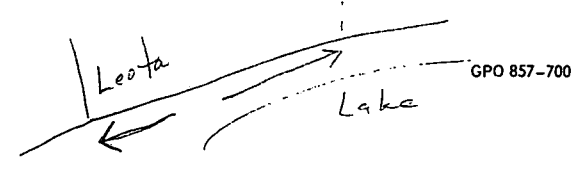
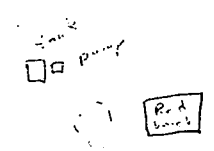
Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

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

- Alluvium {
  - 0 - 8 Top soil 3 inch to 147 ft
  - 8 - 30 Silt
  - 30 - 65 Sand, fine to coarse
  - 65 - 205 Sand and ice gravel
- Cockfield {
  - 205 - 435 Dry sand & clay streaks
  - 435 - 460 Gumbo - hard
- Cook Mt (west side) {
  - 460 - 501 Dry sand streaks
  - 501 - 509 Rock
  - 509 - 645 Gumbo, str yellow clay
- Sparte (Kosciusko) {
  - 645 - 694 Sand, Nat Sandily
  - 690 - 694 Rock
  - 694 - 825 Sand Kos. med gray water



Pump cuts on at 31 lbs off



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