

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by E. Harvey Source of data Mr Gault Date 1-15-54 Map Tralake

State Mississippi County (or town) Washington 76

Latitude: 33 18 40 N Longitude: 09 05 44 Sequential number: 1

Lat-long accuracy: 2 T. 17 S. R. 7 Sec 22 NE NW

Local well number: H003AB2217N07W Other number: B & M

Local use: \_\_\_\_\_ Owner or name: Clyde V. Gault

Owner or name: CLYDE V GAULT Address: Leland, Rte 1

Ownership: County, Fed Gov't, 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) Med, (I) Ind, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other 225 acrs rice I

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 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: \_\_\_\_\_ 73

Qual. water data; type: \_\_\_\_\_ 74

Freq. sampling: \_\_\_\_\_ Pumpage inventory: 75 yes \_\_\_\_\_ no: period: \_\_\_\_\_ 76

Aperture cards: \_\_\_\_\_ yes \_\_\_\_\_ 77

Log data: \_\_\_\_\_ 78 79

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 100 ft Meas. 24 6

Depth cased: (first perf.) 75 ft Casing type: \_\_\_\_\_; Diam. 2.0, 12 in 29 30

Finish: porous concrete, gravel w. (perf.), (screen), (horiz. gallery), (open end), (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 31 5

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (E) jetted, (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) wash, (K) other 32 H

Date Drilled: 1949 9 4 9 Pump intake setting: 40 ft 36 38

Driller: Tom Finley 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 T

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40 V Trans. or meter no. \_\_\_\_\_

Descrip. MP Top of 4" by 4", which is 0.58 ft above below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 110 Accuracy: (source) topo 47 3

Water Level 16.71 ft above below MP; Ft above below LSD 1.6 Accuracy: topo 52 A

Date meas: 12-29-54 D 5 4 Yield: 1850 gpm 1850 Method Rep determined 61

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 66 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm 69 70 71 72

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 73 74 76 77 79

Taste, color, etc. \_\_\_\_\_

Well No. I W

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: Miss. River  
19 Drainage Basin: 15I Subbasin: 26

of depression, stream channel, dunes, flat, hilltop, sink, swamp, site: (V) offshore, pediment, hillside, terrace, undulating, valley-flat 27

PERIOD: Quaternary, Pleistocene 06 Miss. River alluvium MIA  
28 29 30 31

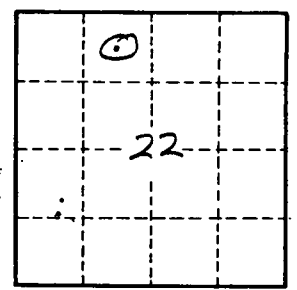
Geology: sand-gravel alluvium 9A Origin: Fluvial 2 Aquifer Thickness: ft  
32 33 34  
Length of well open to: 25 ft 38 25 40 Depth to top of: ft 41 43  
37

PERIOD: system series 44 45 aquifer, formation, group 46 47  
Geology: Origin: 50 Aquifer Thickness: ft  
44 49 50  
Length of well open to: ft 54 56 Depth to top of: ft 57 59  
53

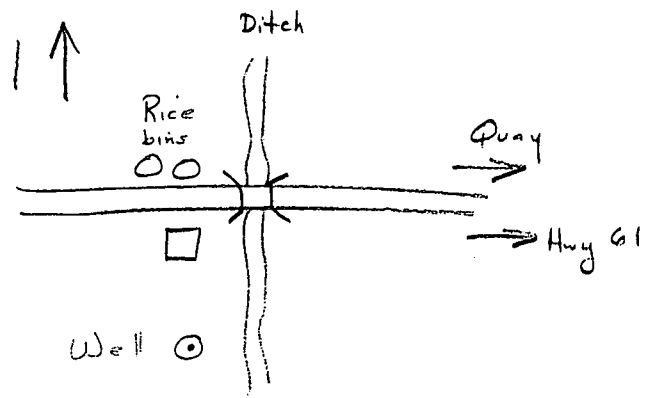
Intervals used: 75-100 ft 25' x 12"

Depth to consolidated rock: ft 60 63 Source of data: 64  
Depth to cement: ft 65 68 Source of data: 69  
Infiltration characteristics: 72  
70 71  
Coefficient Storage: 76 78  
73 75  
Coefficient Storage: 76 78  
73 75  
gpd/ft<sup>2</sup>; Spec cap: gpm/ft; Number of geologic cards: 79

owls - 10"  
Layne turbine, 40 ft setting  
production - less than 1000 gpm before Layne reworked well  
- 1200 to 1300 gpm (1953)



3.4 mi NW Arcola



Well No. H3