

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by E.J. Harvey Source of data Mr Keith Date 5-18-55 Map Tralake Quad

State Mississippi County (or town) Washington

Latitude: 33° 23' 41" N Longitude: 090° 51' 52" W Sequential number: 1

Lat-long accuracy: 2 T. 18 S. R. 6 Sec 19 SW 1 NW 2

Local well number: F003CB1918NO6W Other number: B & M

Local use: _____ Owner or name: Keith Brothers

Owner or name: KEITH BROTHERS Address: Leland

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

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

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: Driller's log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 118 ft Meas. 118 Meas. accuracy 6

Depth cased; (first perf.): 68 ft Casing type: _____; Diam. 16 in

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

Method Drilled: air rot, (H) hyd rot., cable, dug, (J) jetted, air percussion, (P) air, reverse, (T) trenching, (V) driven, wash, drive, other _____

Date Drilled: May 1955 9:55 Pump intake setting: 50 ft

Driller: Irrigation Service Co. Leland

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

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

Descrip. MP hole in pump base, which is 1.6 ft above (LSD) below. Alt. MP _____

Alt. LSD: 116 Accuracy: 3

Water Level: 21.0 ft above (below MP) below (LSD) Accuracy: typed

Date meas: 5-18-55 5:55 Yield: 2500 gpm 2500 Method Rep determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

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

Taste, color, etc. _____

Well No.

FW

Latitude-longitude N
S

GEOLOGIC CARD

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

Coastal Plain E Drainage Basin: 15H Subbasin:

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

PERIOD: Quaternary, Pleistocene Q9 Miss. River alluvial M:A

geology: sand-gravel alluvium 9A Origin: Fluvial 2 Aquifer Thickness: ft

85 Length of well open to: 50 ft 50 Depth to top of: 25 ft

PERIOD:

geology:

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

Values used: 68 - 118 ft 50' shutter screen

Height to consolidated rock: ft Source of data:

Height to cement: ft Source of data:

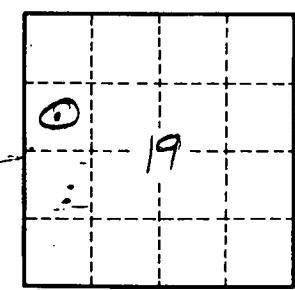
Infiltration characteristics:

Efficient storage: gpd/ft Coefficient Storage:

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

waterless turbine w/ 10" discharge
 1" setting single stage 10' suction
 var! 2500 gpm

- 1-25 Top soil and clay loam
- 25-30 Fine sand
- 30-60 Coarse water sand
- 60-70 do + small gravel.
- 70-80 do + mixed gravel
- 80-110 Large and small gravel & sand
- 110-115 Quicksand and soapstone & clay
- 115-125 Quicksand, clay & small gravel



1.9 mi E
Leland

Well No.

F3