

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Ex., (GW)
April 1966

Well No. E 40

WELL SCHEDULE

Log # 56

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by R.E. Taylor Source of data Electric log Date 7-26-67 Map _____

State Mississippi County Washington Sequential number 76

Latitude: 33 24 39 N Longitude: 09 05 34 1 Sequential number: 1

Lat-long accuracy: 2 T. 18 S. R. 7 Sec 14, SE $\frac{1}{4}$, NW $\frac{1}{4}$

Local well number: E 0 4 0 D B 1 4 1 8 N 0 7 W Other number: _____ B & M

Local use: 064056 Owner or name: Leland, city of

Owner or name: LELAND Address: _____

Ownership: (C) County, Fed Gov't; (F) City; (M) Corp or Co; (N) Private; (P) State Agency; (S) Water Dist; (W) _____ M

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

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

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

Hyd. lab. data: _____

Qual. water data; type: STATE (1967) 622'-682'

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

Aperture cards: _____

Log data: E-Log 10-684'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 682 Meas. accuracy _____ 3

Depth cased: (first perf.) _____ ft 622 Casing type: _____; Diam. _____ in _____

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) horiz. (screen), (H) open gallery, (I) end, (J) other _____ S

Method: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (E) percussion, (F) rotary, (G) air jettted, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other _____ H

Date Drilled: June 1967 9:67 Pump intake setting: _____ ft _____

Driller: Layne Central Co, Jackson Miss

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 _____ Deep _____ Shallow _____

Power (type): nat _____ LP _____ Trans. or meter no. _____

Descrip. MP _____ ft above _____ ft below LSD. Alt. MP _____

Alt. LSD: 126 _____ 126 Accuracy: (source) _____ topo _____ 3

Water Level _____ ft above _____ ft below MP; _____ ft below LSD _____ Accuracy: _____

Date meas: _____ Yield: _____ gpm _____ Method 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. Cl = 47 ppm Color 70

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

alluvial plain E Drainage Basin: 15J Subbasin: 26

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

MAJOR AQUIFER: system _____ series TE Coastal Plain aquifer, formation, group CΦ

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 60 Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: _____

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

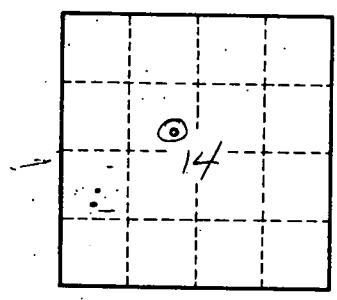
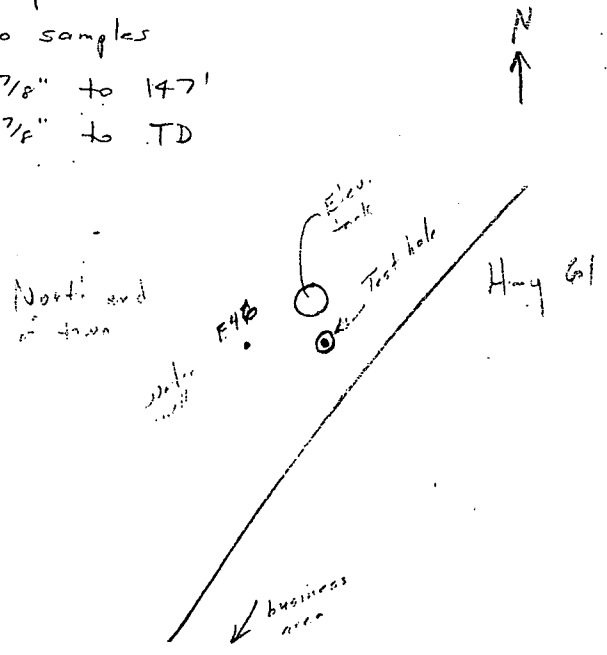
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

City of Leland #3
 No samples
 11 7/8" to 147'
 7 7/8" to TD



Well No. E 40

PW test 622-682' CI = 47
Color: 70