

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)
April 1966

COPY
WELL SCHEDULE

Well No. E 46

Well no. fault:

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W.T. Calkins Source SANDIFER Date 1-16-68 Map _____
of data: WATER County Washington State Mississippi
Latitude: 32 27 27 N Longitude: 09 05 34 W Sequential number: 1
Lat-long accuracy: 2 T 18 S, R 7 Sec 14 t, SE t, NW t
Local well number: E 0460 B 14 18 N 07 W Other number: #1 B & M
Local use: 064 168 43 Owner or name: Town of Leland
Owner or name: LELAND Address: Leland, Miss
Ownership: County, Fed Gov't (M) City (P) Corp or Co, Private, State Agency, Water Dist (M)
Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other (P)
Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Y) Destroyed (W)
DATA AVAILABLE: Well data Freq. W/L meas.: Original Field aquifer char. (Z)
Hvd. lab. data: _____
Qual. water data: type: Complete 2 2
Freq. sampling: Original Pumpage inventory: no period: _____
Aperture cards: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 652' w/blank ft Meas. 6 4 5 accuracy 3
Depth cased; (first perf.) 585 ft Casing type: steel Diam. 18, 10 in 1 8
Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pc., (W) shored, (X) open hole, (Y) other
Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other
Date Drilled: 12-67 9 6 7 Pump intake setting: 155' ft 1 5 5
Driller: Layne Central name address Jackson Miss
Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) curb, (X) other (T) Deep Shallow
Power (type): (nat) diesel, (elec) elec, (gas) gas, (hand) hand, (LP) gas, (wind) wind; H₂O 75 Trans. or meter no. _____
Descript. MP _____ ft above LSD, Ait. MP _____
Ait. LSD: 1 2 5 Accuracy: _____
Water Level 34.32 ft above MP; 3 4 ft below LSD Accuracy: _____
Date meas: 1-17-68 1 6 8 Yield: 930 gpm Method determined 4
Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____
QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
Sp. Conduct 210 K x 10 4 Temp. 71 °F 2 2 Date sampled 1-17-68 1 6 8
Taste, color, etc. 0.5 (C.u.)

DS=481

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Latitude-longitude _____
N
S

HYDROGEOLOGIC CARD

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

alluvial plain E Drainage Basin: 115J Subbasin: _____

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

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

Lithology: Unconsolidated Sand US Origin: 2 Aquifer Thickness: _____ ft

200 Length of well open to: 60 ft 60 Depth to top of: _____ ft 571

MINOR AQUIFER: _____ U.S. Origin: FW Aquifer Thickness: _____ ft

Lithology: _____ U.S. Origin: FW Aquifer Thickness: _____ ft

_____ Length of well open to: _____ ft _____ Depth to top of: 42 ft _____

Intervals Screened: _____

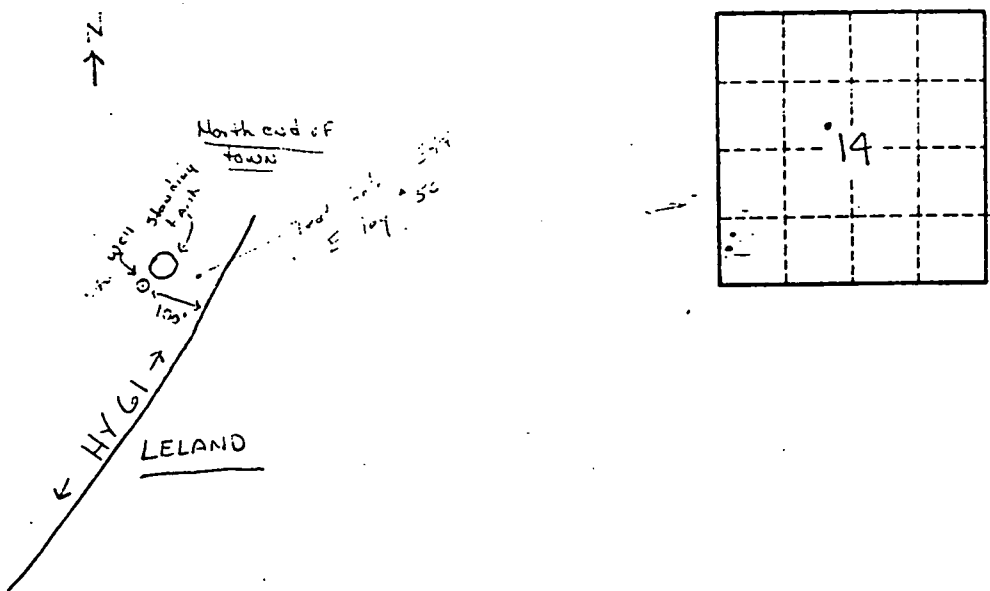
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 160,000 gpd/ft 164 Coefficient Storage: N.A.

Coefficient Perm: 200 gpd/ft²; Spec cap: 43 gpm/ft; Number of geologic cards: _____



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