WRD Ex. (GW)
April 1966

Well No. E 39

WELL SCHEDULE

Log #57

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

146A LELAND

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by R.E. Taylor Source of data Electric log Date 8-17-67 Map

State Mississippi 9 [2 8] County (or town) Washington 4 [7 6]

Latitude: [3 3 2 4 3 5 N] Longitude: [0 9 0 5 4 2 W] Sequential number: [1]
(deg 7 min 9 sec 11 N/S; 12 degrees 15 min sec 18 E/W)

Lat-long accuracy: [2] T. 18 N, R 7 W, Sec 15, SW ¼, NE ¼, ___ ¼ B & M

Local well number: E 039 C A 15 18 N 07 W Other number:

Local use: 0640571 Owner or name: City of Leland

Owner or name: LELAND Address: Leland, Miss

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) 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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: ___ [Φ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: STATE 8-9-67 [P]

Freq. sampling: MSEOH [ ] Pumpage inventory: yes / no, period: [ ]

Aperture cards: yes [ ]

Log data: #57 10-709' MES + Driller's log [D E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 652 w/blank ft [6 4 6] (Meas, rept) log accuracy [3]

Depth cased; (first perf.) 596 ft [5 9 6] Casing type: steel; Diam. 18, 19 in [1 8]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other: not finished [G]

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, (Z) other [A]

Date Drilled: 7-1967 [9 6 7] Pump intake setting: ___ ft

Driller: Layne Central (name), Jackson Miss. (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep / Shallow

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 75 [V] Trans. or meter no.

Descrip. MP none ft above/below LSD. Alt. MP ___

Alt. LSD: 125 [1 2 5] Accuracy (source): topo [3]

Water Level 39 ft above/below MP; Ft above/below LSD [3 9] Accuracy: Air line [A]

Date meas: 12-67 [D 6 7] Yield: 205 gpm [2 0 5] Method determined [ ]

Drawdown: ___ ft [ ] Accuracy: ___ [ ] Pumping period ___ hrs [ ]

QUALITY OF WATER DATA: Iron ___ ppm [ ] Sulfate ___ ppm [ ] Chloride ___ ppm [ ] Hard. ___ ppm [ ]

Sp. Conduct ___ K x 10^6 [ ] Temp. ___ °F [ ] Date sampled [ ]

Taste, color, etc.

Well No. E 39

Well No. E34

Latitude-longitude N S d m s d m s

ROGEOLOGIC CARD

ME AS ON MASTER CARD (19) | Physiographic Province: Coastal Plain (20-21) 03 | Section: Miss. River

l plain (22) E | Drainage Basin: (23-25) 15J | Subbasin: (26)

of site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27) V

R FER: Tertiary system, Eocene series (28-29) TE, Cockfield aquifer, formation, group (30-31) CØ

ology: unconsolidated sand (32-33) US | Origin: Deltaic (34) 3 | Aquifer Thickness: ft

(37) 61 Length of well open to: 50 ft (38-40) 50 | Depth to top of: ft (41-43) 590

R FER: Quaternary system, Pleistocene series (44-45), Miss. River alluvium aquifer, formation, group (46-47)

ology: sand-gravel alluvium (48-49) | Origin: Fluvial (50) | Aquifer Thickness: 70 ft

(53) Length of well open to: 0 ft (54-56) | Depth to top of: 39 ft (57-59)

rvals ened: 596 - 646 ft 50' x 10" SS

h to olidated rock: ft (60-63) | Source of data: (64)

h to ment: ft (65-68) | Source of data: (69)

icial rial: (70-71) | Infiltration characteristics: (72)

ficient s: gpd/ft (73-75) | Coefficient Storage: (76-78)

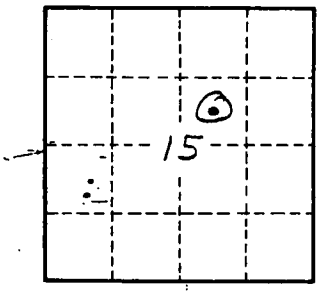
ficient : gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

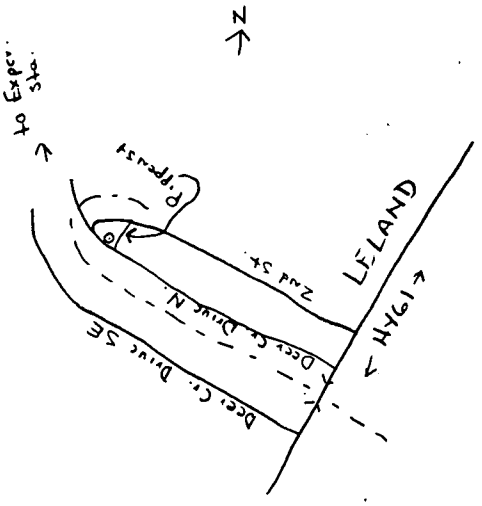
Test Hole #3

Test hole at corner of Pippin St. and W. 2nd St.

No samples

WL - 44 GL (rept by Layne)





Well No. E34

GPO 857-700

WELL NO. E-39

LOCATION City of Leland

Alt. 125 Pippen St. MP= 2.00

DATE	HOLD	CUT	MP	LSD	COND
12-67				39.0	
11-14-80			47.11 2.00	45.11	✓
11-89				43.79	✓
4-16-91	49.99	8.27	41.72 2.00	39.72	✓
10-21-91	50.00	4.99	45.01 2.00	43.01	✓
3-12-92	OFF 0845 50.00	9:05 ON 5.52	44.48 2.00	42.48	✓

Updated
5-12-92
JJG

GWSI UPDATES

Well No E 39
County WASHINGTON

Item	Changed		Requested by		Updated by	
No	From	To	Initial	Date	Initial	Date
C9	332435	332439	DEB	11-2-92		
C10	0905429	0905434	"	"		