

WRD Exp. (GW)
April 1966

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
Tank well - #1
254B

Well No. 61

MASTER CARD

Record by TNShowers Source of data Layno files Date 1-18-67 Map STONEWALL

State MISSISSIPPI County Clarke Sequential number: 12

Latitude: 32° 08' 07" N Longitude: 088° 47' 14" W

Lat-long accuracy: 3' T. 3' S. R. 15' W. Sec 5 NE 1/4 NW 1/4 B & M

Local well number: G001AB0503N15E Other number: Erwin mills plant #8

Local use: 064 Address: Stonewall, Miss

Owner or name: ERWIN MILLS

W/L Rate
11/1/67
26.10 50E

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

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

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

Field aquifer char.

DATA AVAILABLE: Well data Freq. W/L meas.:

Hyd. lab. data: USGS

Qual. water data; type: Complete chemical analysis Pumpage inventory: no yes period: 5-26-55

Freq. sampling: Aperture cards:

Log data: Drillers log

WELL-DESCRIPTION CARD

Depth well: 4 ft Meas. rep: 411 accuracy 34% 65

Depth cased: 379 ft Casing type: 10 1/2 in Diam. 10 1/2 in

Finish: porous concrete, gravel w. (perf.), (screen), (H) horiz. gallery, (G) gravel w. gallery, (F) gravel w. gallery, (S) perf., (T) screen, (W) sd. pt., (X) shored, (Z) open hole, other

Method: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other

Date Drilled: May, 1954 Pump intake setting: 154 ft

Driller: Layne central name address Jackson, Miss

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25 ft below LSD. Alt. MP 25

Descrip. MP 240 Accuracy: (source) 20 L.E.T. - top map

Alt. LSD: 240 ft above LSD

Water Level: 22.7 ft below MP; Ft below LSD 111 Accuracy: measured

Date meass: 5-26-55 Yield: 179 gpm 185 gpm Pumping period: 18.5 hrs

Drawdown: 82 ft Accuracy: 82

QUALITY OF WATER DATA: Iron .05 ppm Sulfate 12 ppm Chloride 3.0 ppm Hard. 2 ppm

Sp. Conduct 373 K x 10⁶ Temp. 67 °F Date sampled 5-26-55

Taste, color, etc.

Well No. 61

Latitude-longitude 32.08.07 088.47.14

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Coastal Plain

Coastal Plain D

Drainage Basin: 131P

Section: 03

Subbasin: East Gulf

Topo of well site: (D) depression, stream channel, dunes (E) (F) Flat (H) hilltop, sink, swamp, (K) (L) offshore, pediment, hillside, terrace, undulating, valley flat (T) (U) (V)

MAJOR AQUIFER: Tertiary system Eocene series TIE aquifer, formation, group M.W.

Lithology: Sand Length of well open to: 40 ft Origin: U.S. Depth to top of: 36 ft Thickness: 2 ft

MINOR AQUIFER: U.S. series U.S. aquifer, formation, group M.W.

Lithology: Length of well open to: 37 ft Origin: U.S. Depth to top of: 37 ft Thickness: 6 ft

Intervals Screened: 37 to 40 ft Depth to consolidated rock: 6 ft

Depth to basement: 6 ft Source of data: No. 8 Brownie Shutter, 6"

Surficial material: U.S. Source of data: U.S.

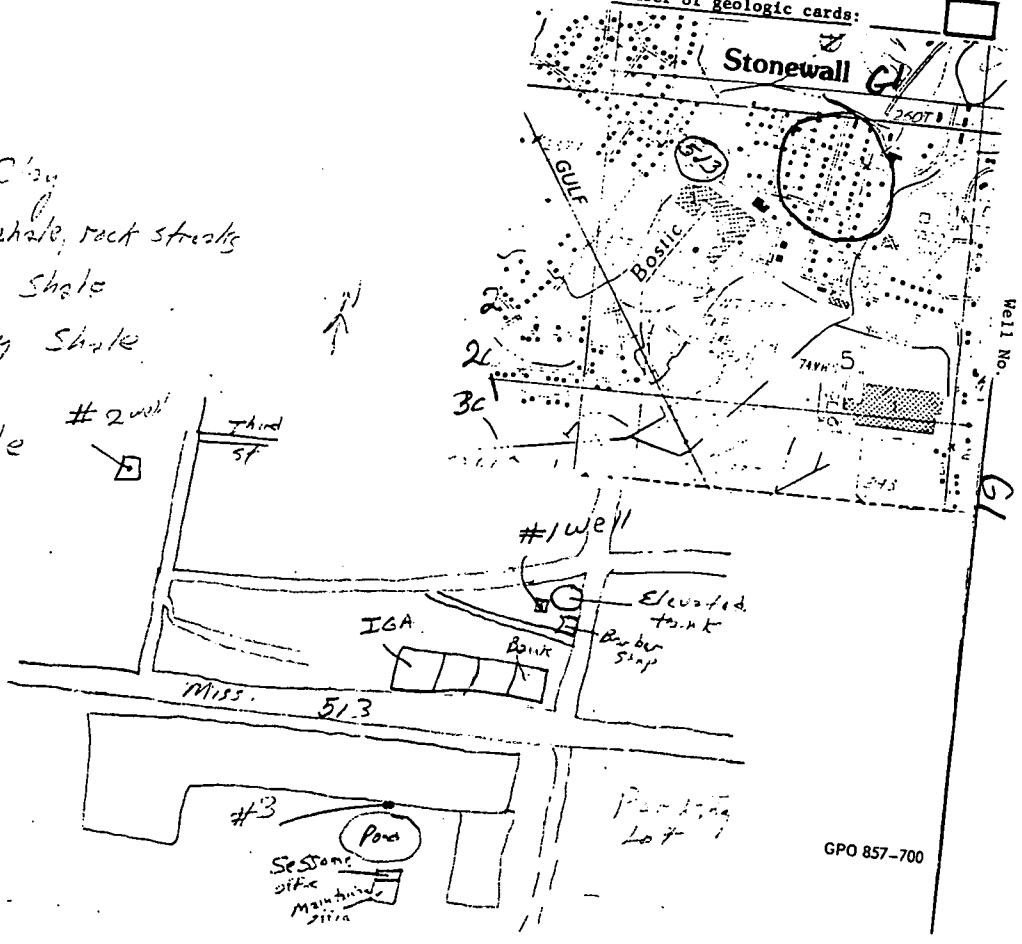
Coefficient Trans: U.S. Infiltration characteristics: U.S.

Coefficient Perm: U.S. gpd/ft; Spec cap: U.S. gpm/ft; Number of geologic cards: U.S.

150' Air Log

Log

- 5 - Clay
- 52 - 17 - Silty Clay
- 205 - 183 - Hl shale, rock streaks
- 305 - 103 - sd + shale
- 361 - 53 - Sarry shale
- 411 - 50 - Sand
- 419 - 8 - shale



Date 7/55 - (23) - LSO