

WRD Exp. (GW)
April 1966

Gene Damon, Eng.

Well No. 71

APR 23 1975

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

REPLACEMENT

MASTER CARD

PUNCHED AND VERIFIED
ROLLA COMPUTATION BRANCH

Record by TN Shows Source of data MR. W.C. Date 5-6-67 Map 12000 scale

State MISSISSIPPI County 28 (or town) Lauderdale

Latitude: 32 25 24 N Longitude: 08 83 04 W Sequential number: 1

Lat-long accuracy: 2 T. 7 S. R. 17 Sec. 25, NE, NW, SE, SW

Local well number: J 001 B A 2507 N 17 E Other number: B & M

Local use: 008 067 25 Owner or name: Toomsuba Water Assoc.

Owner or name: TOOMSUBA WATER ASSOCIATION Address: Toomsuba Miss.

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

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

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

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. Z

Hyd. lab. data: 73

Qual. water data; type: USGS Complete 12-5-67 74 C

Freq. sampling: Original 75 Pumpage inventory: no, period: 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 268 ft Meas. 268 accuracy 3

Depth cased: (first perf.) 250 ft Casing type: 250 ; Diam. 4-2 1/2 in 4

Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. gallery, (H) horiz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) jetted, (J) air rot., (P) percuss., (R) reverse, (T) air reverse, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 10-31-63 9:6:3 Pump intake setting: 36 ft 38

Driller: McDonold & Hill, Meridian, Miss.

Lift (type): (A) air, (B) bucket, (C) cent., (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg., (T) turb., (Z) other 39 Deep 40

Power: (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or meter no. 42

Descrip. MP 3 ft above 43 ft below LSD. Alt. MP 44

Alt. LSD: 300 Accuracy: (source) 47 5

Water Level: 91 ft above MP; Ft below LSD 91 Accuracy: 52 D

Date meas: 10-31-63 0.63 Yield: 25 gpm 25 Method determined 2

Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65

QUALITY OF WATER DATA: Iron 92 ppm Sulfate 16 ppm Chloride 72 ppm Hard. 68 ppm

Sp. Conduct 295 K x 10⁶ 2 Temp. 66 °F 66 Date sampled 67 68

Taste, color, etc. Clear. No stain. Field pH = 6.4 CO2 = 26

Soda Ash & Chlorine. Ph. 6.5

WL Data
11/29/83
WL = 95.70

Well No. 71

Well No. J1

Latitude-longitude 28° 37' N 107° 37' W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: East Gulf

Coastal Plain Drainage Basin: 13K Subbasin:

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, Wilcox, lower formation, group, LW

Lithology: U.S. Origin: 2 Aquifer Thickness: ft

28 Length of well open to: ft 18 Depth to top of: ft

MINOR AQUIFER: system, series, aquifer, formation, group, Aquifer Thickness: ft

Lithology: Origin: Aquifer Thickness: ft

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

Intervals Screened: 250-268 ft - 2 1/2" screen

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

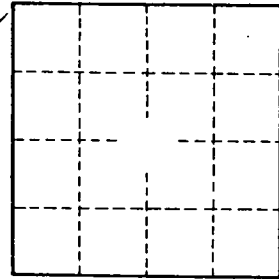
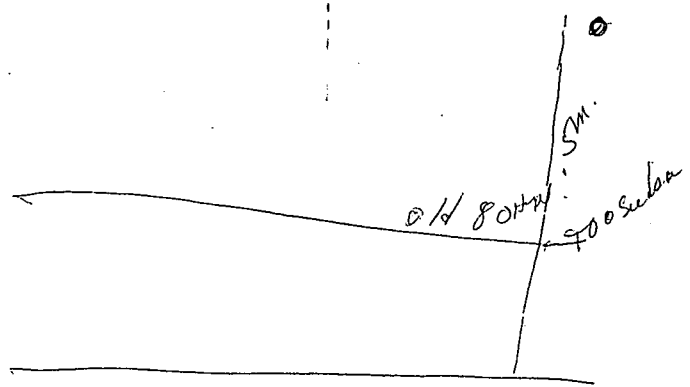
Surficial material: Infiltration characteristics:

Coefficient Trans: 10,000 gpd/ft 104 Coefficient Storage:

Coefficient Perm: 360 gpd/ft²; Spec cap: 2.5 gpm/ft; Number of geologic cards:

Mr. L. L. Price in charge of water system
ave. 200,000 gpm. Heavy duty pump
about 250,000

Sands
125-152
240-268



Well No. J1