WRD Exp. (GW)
April 1966

Well No. D 73

WELL SCHEDULE

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

MASTER CARD

Record by: TN Sloss   Source of data: Driller Bowie   Date: 12-31-66   Map: Laurel East Quad

State: Mississippi 8 | 28 | County (or town): 49 | 3 |

Latitude: 31 41 58 N   Longitude: 089 00 36   Sequential number: 1

Lat-long accuracy: 3   T. 9 (N) S, R 10 (W) Sec 32, SE ¼, SE ¼, SE ¼

Local well number: D073DD3209N10W   Other number: #2 (North well)

Local use: 028 N66 78   Owner or name: Myrick Mill Creek Waterworks Assoc.

Owner or name: MYRICK-MILL CR   Address: Rt. No. 2, Laurel, Miss.

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

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** (circled), (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, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, **(W) Withdraw** (circled), (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data | | Freq. W/L meas.: | Ø | Field aquifer char. | Y |

Hyd. lab. data: | |

Qual. water data; type: | / |

Freq. sampling: | | Pumpage inventory: yes no, period: | |

Aperture cards: yes | |

Log data: | D |

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 352 ft | 352 | Meas. (rept) accuracy | 3 |

Depth cased: (first perf.) 322 ft | 322 | Casing type: G I   Diam. 6X4 in | 6 |

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., **(S) screen** (circled) 30', (T) sd. pt., (W) shored, (X) open hole, (Z) other — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, **(H) hyd rot** (circled), (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 11-21-66 | 966 | Pump intake setting: ft | |

Driller: C. P. Clark (name), Laurel, 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** (circled), (T) turb, (Z) other — S   Deep / Shallow | / |

Power (type): diesel, **elec** (circled), nat gas, gasoline, hand, LP gas, wind; H.P. 25 | T | Trans. or meter no.

Descrip. MP: Top of 6" casing   ft above below LSD, Alt. MP

Alt. LSD: 310± | 310 | Accuracy: (source) 315 C.I. = 10 ft - Quad. | 4 |

Water Level: 118.10 ft above (below) MP; Ft above below LSD | 118 | Accuracy: | A |

Date meas: 11-30-66 | N66 | Yield: gpm | 170 | Method determined | 4 |

Drawdown: ft | | Accuracy: | | Pumping period hrs | 1 |

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.

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Latitude-longitude ____ d ____ m ____ s N/S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Gulf Coast [0 3] (20–21) Section: East Gulf Coastal Plain [D] (22) Drainage Basin: ____ [1 3 ϕ] (23–25) Subbasin: ____ [5] (26)

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

MAJOR AQUIFER: Tertiary system, Miocene series [T M] (28–29) Catahoula aquifer, formation, group [C A] (30–31)

Lithology: ____ [5] (32–33) Origin: ____ [3] (34) Aquifer Thickness: 84 avg. ft

[8 4] (35–37) Length of well open to: ____ ft [3 0] (38–40) Depth to top of: ____ ft [2 6 4] (41–43)

MINOR AQUIFER: ____ system, ____ series [ ] (44–45) ____ aquifer, formation, group [ ] (46–47)

Lithology: ____ [ ] (48–49) Origin: ____ [ ] (50) Aquifer Thickness: ____ ft

[ ] (51–53) Length of well open to: ____ ft [ ] (54–56) Depth to top of: ____ ft [ ] (57–59)

Intervals Screened: ____

Depth to consolidated rock: ____ ft [ ] (60–63) Source of data: ____ [ ] (64)

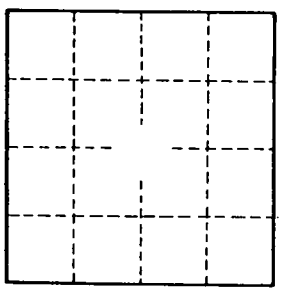
Depth to basement: ____ ft [ ] (65–68) Source of data: ____ [ ] (69)

Surficial material: ____ [ ] (70–71) Infiltration characteristics: ____ [ ] (72)

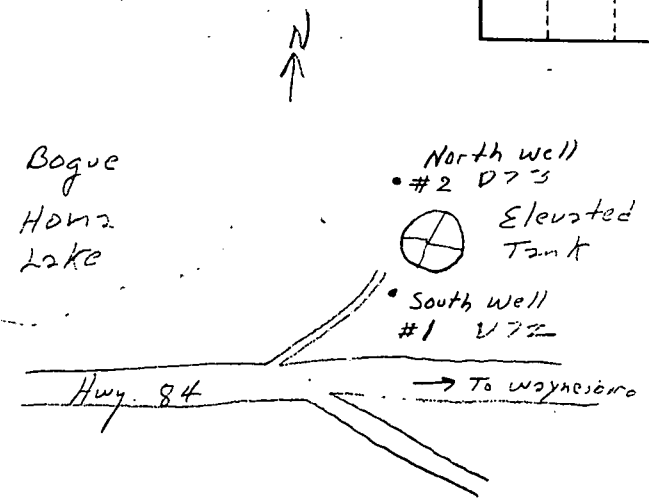
Coefficient Trans: ____ gpd/ft [2 7 3] (73–75) Coefficient Storage: .00033 [3 0 5] (76–78)

Coefficient Perm: 320 gpd/ft²; Spec cap: 7.0 gpm/ft; Number of geologic cards: ____ [ ] (79)

270'-6"
30'-4" screen.
80 ft of 4" casing



Log
0-7- Sandy Clay
7-30 - Grey sticky clay
30-49- Blue Clay
49-86 - Yellow Sand
86-104- Hard Clay
104-187- Sandy Clay
187-210- Clay
210-225- Sandy Clay
225-253- Clay
253-264 - Sand + Clay streaks
264-352 - Good Sand



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GPO 857-700