

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by E. H. Boswell Source of data J. L. ARNETT Date 10-22-54 Map Meridian 15' Q

State MISSISSIPPI 28 County (or town) LAUDERDALE 38

Latitude: 32<sup>1</sup>18<sup>2</sup>5<sup>3</sup>1<sup>4</sup>N<sup>5</sup> Longitude: 08<sup>6</sup>8<sup>7</sup>9<sup>8</sup>5<sup>9</sup>10<sup>10</sup>

Lat-long accuracy: 3<sup>11</sup> T. 6<sup>12</sup> S, R 15<sup>13</sup> W, Sec 34<sup>14</sup>, SE<sup>15</sup>, SW<sup>16</sup>

Local well number: M102DC3406N1SE Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: U.S. Fish Hatchery

Owner or name: U.S. FISH HATCHERY Address: Meridian, Miss.

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, \_\_\_\_\_

water: Stock, Inhibit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Hatchery Fish Z replace

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W w/m 130

DATA AVAILABLE: Well data 3 Freq. W/L meas.: \_\_\_\_\_ N Field aquifer char. \_\_\_\_\_

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: USGS Complete 10-22-54 9-28-62 C

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_ D

WELL-DESCRIPTON CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 728 Meas. 2

Depth cased: \_\_\_\_\_ ft 693 Casing type: steel; Diam. \_\_\_\_\_ in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, \_\_\_\_\_

Method Drilled: air bored, cable, dug, hyd rot, jected, air reverse percussion, rotary, \_\_\_\_\_

Date Drilled: 9.5.1 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Gray Artesian Wells Pensacola Fla

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow

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

Descrip. MP Recorder House Floor 6.0 ft above below LSD. Alt. MP 296

Alt. LSD: 290 290 Accuracy: Topo map 3

Water Level \_\_\_\_\_ ft above below MP; \_\_\_\_\_ ft above below LSD 6 Accuracy: \_\_\_\_\_

Date meas: 11/24/62 N62 Yield: \_\_\_\_\_ gpm 352 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

WATER DATA: Iron .02 Sulfate 5.6 Chloride 4 Hard. 16 Sp. Conduct 293 K x 10 2 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled 9.6.2

Taste, color, etc. \_\_\_\_\_

TRANSMITTED FOR ADP

Well No.

M102

Well No. Lauderdale N102

Latitude-longitude 32, 18, 51<sup>N</sup> 088, 45, 10<sup>S</sup>  
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: \_\_\_\_\_

22 D Drainage Basin: 13P 23 Subbasin: \_\_\_\_\_ 26

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

MAJOR AQUIFER: Tertiary system Eocene series TE Lower Wilcox aquifer, formation, group LW 28 29 30 31

Lithology: 39 32 Origin: 2 34 Aquifer Thickness: \_\_\_\_\_ ft

93 35 Length of well open to: \_\_\_\_\_ ft 35 38 Depth to top of: \_\_\_\_\_ ft 693 41 43

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ 44 45 aquifer, formation, group \_\_\_\_\_ 46 47

Lithology: \_\_\_\_\_ 48 49 Origin: \_\_\_\_\_ 50 Aquifer Thickness: \_\_\_\_\_ ft

\_\_\_\_\_ 51 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 5600 65 68 Source of data: S 69

Surficial material: \_\_\_\_\_ 70 71 Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ 73 75 Coefficient Storage: \_\_\_\_\_ 76 78

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79

