



file

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. P. Callahan Source of data 2nd hand Date 10-17-67 Map Chunky Quad

State Miss County Lauderdale (or town) 38

Latitude: 32 30 08 N Longitude: 08 8 5 0 5 9 Sequential number: 1

Lat-long accuracy: 2 9 14 27 SE SE

Local well number: 055 number: 30

Local use: 055 Owner or name: Collinsville School

Owner or name: Collinsville School Address: Collinsville Miss

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 67 C

Use of water: (S) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, 68 U

Use of well: (U) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed 69 U

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: MS BON Partial 9-1-61 74 P

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 492 ft Meas. accuracy: 6

Depth cased: 75 ft Casing type: Steel Diam. 4 in 79

Finish: (C) porous concrete, (F) gravel w. (perfor.), (H) gravel w. (screen), (J) horiz. gallery, (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 81

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jected, (H) air reverse, (P) trenching, (R) driven, (T) drive wash, (V) other 82

Date Drilled: 11-1-67 Pump intake setting: 80 ft 83

Driller: FERRY BROS. MARION name address 84

Lift (type): (P) air, bucket, cent, jet, (cent.) multiple, none, piston, rot, submerg, turb, other 39 Deep 40

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or method 42

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

Alt. LSD: 460 460 Accuracy: 67 5

Water Level 100 ft above below MP; Ft below LSD 60 Accuracy: 8 52

Date meas: 8-29-61 Yield: 8 gpm Method determined 81

Drawdown: 82 ft Accuracy: 83 Pumping period 84 hrs 85

QUALITY OF WATER DATA: Iron 0.1 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72

Sp. Conduct 73 K x 10⁶ Temp. 77 °F 74 75 Date sampled 8-29-61 86 87

Taste, color, etc. PH 8.3 78 79

COPIED FROM LIBRARY
PUMP IN
ROLLING

Well No.

111

Well No. A1

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
20 21

22 D Drainage Basin: 130 Subbasin: _____ 26

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, sink, swamp, (K) (L) (P) (S) (T) (U) (V) _____

MAJOR AQUIFER: Tertiary, Eocene system series TE Tuscaloosa aquifer, formation, group TU 28 29 30 31

Lithology: sand 32 33 Origin: deltic 34 35 Aquifer Thickness: 3 ft

Length of well open to: _____ ft 36 37 top of: _____ ft 38 39

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

Lithology: _____ 48 49 Origin: _____ 50 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 51 52 Depth to top of: _____ ft 53 54 55 56 57 58 59

Intervals Screened: _____

Depth to consolidated rock: _____ ft 60 61 Source of data: _____ 64

Depth to basement: _____ ft 65 66 Source of data: _____ 69

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft 73 74 Coefficient Storage: _____ 75 76 77 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

