

Mendenhall East

270113

WRD Exp. (GW)
April 1966

REPLACEMENT WELL SCHEDULE

Well No. J6

E Log # 82

APR 22 1975

SITE ID - 315729089521801

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCE
MENDENHALL EAST

MASTER CARD

Record by P.E. Grantham Source of data Dr. & E Log Date 11-10-67 Map

State Mississippi County Simpson

Latitude: 31° 57' 29" N Longitude: 089° 52' 18" W Sequential number: 1

Lat-long accuracy: 30' T. 1 S. 4 W. Sec 3 NW 4 NE 4

Local well number: J006A0301N04E Other number: B & M

Local use: 009082 670 3.7 Owner or name: Town of Mendenhall

Owner or name: MENDENHALL Address: Mendenhall Miss

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

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 88

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed 89

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

Hyd. lab. data: 73

Qual. water data; type: USGS 74 C

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

Aperture cards: 77 yes

Log data: E Log 5' to 408 D(m/Bowic) 78 79 D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 341 ft 341 Meas. rept accuracy 24 3

Depth cased: 269 ft 269 Casing type: Steel Diam. 10 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other 31

Method Drilled: air rot., bored, cable, dug, rot., jetted, percussion, air reverse, rotary, trenching, driven, wash, other 32 H

Date Drilled: 11-67 967 Pump intake setting: 36 ft 38

Driller: Carlson Well Supply Memphis, Tenn.

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 V Trans. or merer no. 41

Descrip. MP airline gage 2.5 ft above LSD. Alt. MP 41

Alt. LSD: 317 Accuracy: 47 4

Water Level: 90 ft above below MP; 88 ft above below LSD Accuracy: 100 52 A

Date meas: 670 Yield: 235 gpm 4 Method determined 58

Drawdown: 49 ft Accuracy: 50 Pumping period: 2 hrs 58

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 2 K x 10⁶ 73 Temp. 19 °F 74 76 Date sampled 6-24-69 669 79

Taste, color, etc.

Well No.

16

Well No. J6

Latitude-longitude _____
 _____ d m s N
 _____ d m s S

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
 22 D Drainage Basin: 137 23 Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series T.M 28 29 aquifer, formation, group CA 30 31
 Lithology: _____ 32 33 Origin: 3 34 Aquifer Thickness: _____ ft
5.5 35 Length of well open to: _____ ft 38 7.2 39 Depth to top of: _____ ft 41 26.5 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: 269-341 6" 55

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: 6500 gpd/ft 6.52 73 75 Coefficient Storage: 20.5 76 78
 Coefficient Perm: 1.20 gpd/ft²; Spec cap: 3.7 (1-day) gpm/ft; Number of geologic cards: _____ 79



