

Sta ID 313330091225101

CI Gw02754

WRD Exp. (GN) April 1966

Well No.

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD
Record by E.H. Boswell Source of data Gaylon Report Mr. Pintart Date 4/26/73 10-24-56 Map Natchez

State Mississippi 7 28 County (or town) Adams 28 01

Latitude: 31 33 30 N Longitude: 09 12 37 Sequential number: 1

Lat-long accuracy: 2 T. 7 S. R. 3 Sec 16 Ir. t. Ir. t.

Local well number: K001 07NO3W Other number: #1 B & M

Local use: 064 5212 Owner or name: City of Natchez

Owner or name: NATCHEZ Address:

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 Abandoned P

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

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

Hyd. lab. data:

Qual. water data; type: USGS - complete

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: See e-log 12

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 451 Meas. 3

Depth cased: 401 Casing type: 16 in 16

Finish: porous gravel w. concrete, (perf.), (screen), gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other G

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

Drilled: 939 Pump intake setting: 310-347 ft 310

Driller: Layne Central Co.

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. 196

Descrip. MP vent at 1.5' ft above LSD, Alt. MP 220.23

Alt. LSD: 220.23 220 Accuracy: 196 0

Water Level 225 ft above MP; Ft below LSD 225 Accuracy: 393 6

Date meas: 8-1-55 855 Yield: 527 gpm 527 Method determined 6

Drawdown: 43 ft 43 Accuracy: 6 Pumping period 6 hrs 6

QUALITY OF WATER DATA: Iron 91 Sulfate 12 Chloride 5.6 Hard. 196

Sp. Conduct 538 K x 10⁶ 4 Temp. 72 F 72 Date sampled 3-3-61 361

Taste, color, etc. ph 6.8

Wilkins 6/6/52

485-5521

all city wells except 1 1/2 r Date 10/16/81 330 66.10 263.70 1.5 262.40 220 +2

70-72

Well No.

Latitude-longitude N
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 152 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) 5

offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series TM Miocene MZ aquifer, formation, group

Lithology: _____ U3 Origin: _____ 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 50 Depth to top of: _____ ft 391

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group

Lithology: _____ _____ Origin: _____ _____ Aquifer Thickness: _____ ft

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

Intervals Screened: _____

Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

