

Well No. 05

WELL SCHEDULE

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

MASTER CARD

Record by JAC Source of data Crayton Report 4/26/75 Date 2-19-70 Map Natchez

State 6 28 County (or town) 321 01

Latitude: 313330 N Longitude: 0912237 Sequential number: 4

Lat-long accuracy: 4 T, 7 S, R 3 Sec 16, T, Ir, t, Ir, t

Local well number: 0005 07N03W Other number: #5 B & M

Local use: 064 49 69 Owner or name: NATCHEZ Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 17

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instat, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other Abandoned P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) 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: yes no, period: _____

Aperture cards: yes

Log data: See e-log 12 D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 421 ft Meas. rept accuracy 3

Depth cased: (first perf.) 371 ft Casing type: _____; Diam. 16x10 in 16

Finish: porous concrete, gravel w. concrete, (perf.), (screen), (galler), end, horiz. open end, other 3

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air percussion, (G) reverse rot., (H) trenching, (I) driven, (J) wash, (K) drive wash, (L) other 4

Date Drilled: 2/25 949 Pump intake setting: 340 ft 313

Driller: Laurie Central address _____

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 7 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 60 Trans. or meter no. _____

Descrip. MP 190 ft above below LSD, Alt. MP _____

Alt. LSD: 212 Accuracy: (source) 05 20 391 5

Water Level: 194 ft above below MP; Ft below LSD 194 Accuracy: 53000 D

Date meas: 4/49 449 Yield: 503 gpm Method determined 41

Drawdown: ft 7.3 Accuracy: 6 Pumping period hrs _____

QUALITY OF WATER DATA: Iron 10 ppm Sulfate 15 ppm Chloride 4.0 ppm Hard. 228 ppm

Sp. Conduct 520 K x 10⁶ 4 Temp. 70 °F 70 Date sampled 10-24-56 056

Taste, color, etc. pH 8.0

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

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Latitude-longitude _____ N S

HYDROGEOLOGIC CARD

UNRECORDED

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

22 Drainage Basin: 23 24 15L Subbasin: _____

25 (D) (C) (E) (F) (H) (K) (L) Topo of well site: 26 depression, stream channel, dunes, flat, hilltop, sink, swamp, 27 (G) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ S

28 MAJOR AQUIFER: 29 system series 30 31 T M aquifer, formation, group M Z

32 Lithology: 33 34 U S Origin: 35 36 3 Aquifer Thickness: _____ ft

37 Length of well open to: 38 39 40 50 ft 41 42 43 365 Depth to top of: _____ ft

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

48 Lithology: 49 50 Origin: 51 52 Aquifer Thickness: _____ ft

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

60 Intervals Screened: # 7 Station

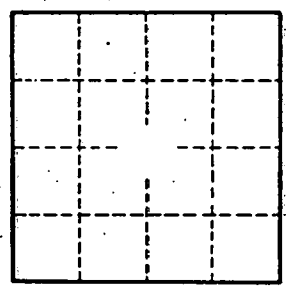
61 Depth to consolidated rock: 62 ft 63 64 Source of data: 65 _____

66 Depth to basement: 67 ft 68 69 Source of data: 70 _____

71 Surficial material: 72 73 Infiltration characteristics: 74 _____

75 Coefficient Trans: 76 gpd/ft 77 78 Coefficient Storage: 79 _____

80 Coefficient Perm: 81 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



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