

WELL SCHEDULE

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

4 mi NE Carthage MASTER CARD

Record by MAH Source of data BOWC Date 8/20/75 Map

State 28 County (or town) Leake 40

Latitude: 32 48 20 N Longitude: 089 29 35 Sequential number: 10

Lat-long accuracy: 5 T 11 S, R 8 W, Sec 17, NE 1/4, SE 1/4, NE 1/4

Local well number: 6041 DA 17 16 NO 8 E Other number: B & M

Local use: 147 Owner or name:

Owner or name: KEN FEDERICK Address: Carthage, MS

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

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

Hyd. lab. data: 73

Qual. water data, type: 74

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

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 29.5 ft Meas. rept accuracy 24 3

Depth cased: (first perf.) 25.5 ft Casing type: PVC Diam. in 2

Finish: porous gravel w. concrete, (perf.), (screen), gravel w. horiz. gallery, end, (H) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 31

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jected, (H) air reverse, (J) percussive, (P) rotary, (R) reverse, (T) trenching, (U) driven, (V) drive wash, (W) other 32 H

Date Drilled: 9.7.5 Pump intake setting: ft 36 38

Driller: Thomas & Son address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other J Deep Shallow 39 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1 S Trans. or meter no. 41

Descrip. MP above Ft below LSD, Alt. MP

Alt. LSD: Accuracy: (source) 47

Water Level: ft above below MP; Ft below LSD 9.0 Accuracy: 52 0

Date meas: 7.7.5 Yield: gpm 53 55 Method determined 61

Drawdown: ft Accuracy: 62 64 Pumping period: hrs 65 68

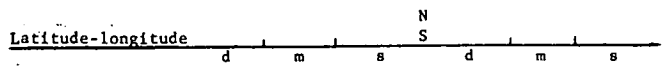
QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10 6 Temp. °F 73 74 76 Date sampled 77 79

Taste, color, etc.

WELL NO. 941

Well No. 041



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ **Physiographic Province:** 03 ^{20 21} **Section:** _____

²² **Drainage Basin:** D ^{23 25} 137 ²⁶ **Subbasin:** _____

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

MAJOR AQUIFER: _____ **TE** _____ **WN** _____
 system _____ series _____ aquifer, formation, group _____
Lithology: _____ **S** **Origin:** _____ **G** **Aquifer Thickness:** 40 ft

Length of well open to: _____ ft **Depth to top of:** 255 ft

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:

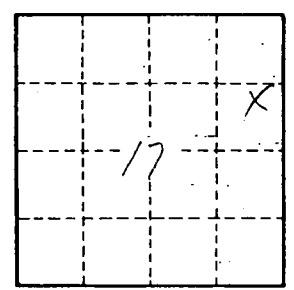
Depth to consolidated rock: _____ ft **Source of data:** _____

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

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft ² **Coefficient Storage:** _____

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



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