

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

Record by Hitt Source of data owner Date 10-23-56 Map

State Mississippi County 28 (or town) Kemper 35

Latitude: 32^{deg} 50^{7 min} 25^N Longitude: 088^{12 degrees} 49^{13 min} 02^{sec 18} Sequential number: 1

Lat-long accuracy: 2²⁰ T. 12^N S. R. 14^W Sec. 36 SE t. SW t. SE t.

Local well number: A002CD3612N14E Other number: B & M

Local use: 055 Owner or name: S. C. PALMER Address:

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

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) Insttit, (N) Unused, (O) Reprressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H

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.: N Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS: 10156

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

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 194 ft Meas. rept accuracy 6

Depth cased: (first perf.) 140 ft Casing type: Steel; Diam. 3x2 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horz. gallery, (I) open perf., (J) sd. pt., (K) shored, (L) open hole, (M) other S

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

Date Drilled: 1954 954 Pump intake setting: 36 ft

Driller: Terry Marion

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) open, (H) none, (I) piston, (J) rot, (K) submerg, (L) turb, (M) other P Deep D Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 1/2 S Trans. or meter no. 41

Descrip. MP 510 ft above below LSD, Alt. MP 5

Alt. LSD: 510 Accuracy: (source) 5

Water Level: 510 ft above below MP; Ft below LSD Accuracy: 52

Date meas: 53 Yield: 55 gpm Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65

QUALITY OF WATER DATA: Iron 1.0 ppm Sulfate 2.0 ppm Chloride 2.2 ppm Hard. 37 ppm

Sp. Conduct 89 K x 10⁶ Temp. 73 °F Date sampled 056

Taste, color, etc. Good Clear

Well No.

A2

DS-56

Well No. A2

Latitude-longitude N S
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D 13T Subbasin: _____

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group LW

Lithology: _____ Origin: S 2 **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft Depth to top of: _____ 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 **Coefficient Storage:** _____

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

