

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

MASTER CARD

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Record by J. S. Source of data BOWC Date 5/69 Map _____

State 32 28 County (or town) Jackson 310

Latitude: 30 28 52 N Longitude: 088 31 00 Sequential number: 1

Lat-long accuracy: 3 T. 6 S. R. 5 Sec. 31 SW SW SE SE

Local well number: M107AC3106S05W Other number: _____ B & M

Local use: 006 Owner or name: _____

Owner or name: JIM RODGERS Address: Helena, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, _____ (H) _____ (I) _____ (M) _____ (N) _____ (P) _____ (R) _____ (S) _____ (T) _____ (U) _____ (V) _____ (W) _____ (X) _____ (Y) _____ (Z) _____

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. _____ (H) _____ (I) _____ (M) _____ (N) _____ (P) _____ (R) _____ (T) _____ (U) _____ (W) _____ (X) _____ (Z) _____

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes _____

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 590 Meas. rept. accuracy _____ 3

Depth cased; (first perf.) _____ ft 580 Casing type: Galv. Diam. _____ in 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open hole, (K) other _____ (L) _____ (M) _____ (N) _____ (P) _____ (S) _____ (T) _____ (U) _____ (V) _____ (W) _____ (X) _____ (Z) _____

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) percussion, (H) air rot., (I) reverse, (J) trenching, (K) driven, (L) wash, (M) other _____ (N) _____ (P) _____ (S) _____ (T) _____ (U) _____ (V) _____ (W) _____ (X) _____ (Z) _____

Date Drilled: 966 Pump intake setting: _____ ft _____

Driller: _____ name _____ address _____

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) none, (E) piston, (F) rot, (G) submerg, (H) turb, (I) other _____ (J) _____ (K) _____ (L) _____ (M) _____ (N) _____ (P) _____ (R) _____ (S) _____ (T) _____ (U) _____ (V) _____ (W) _____ (X) _____ (Z) _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ LP _____ Trans. or meter no. 5

Descrip. MP _____ 6 ft above below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) CI 10

Water Level: 76 ft above below MP; Ft above below LSD 7 Accuracy: _____

Date meae: 966 Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____

Sp. Conduct _____ K x 10 6 Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No. M107

Well No. M107

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0:3 Section: _____

D Drainage Basin: 13Q Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series **TM** _____ aquifer, formation, group **PA**

Lithology: _____ **S** Origin: **3** Aquifer Thickness: 18 ft

Length of well open to: _____ ft 10 Depth to top of: _____ ft 572

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: 2" SS

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

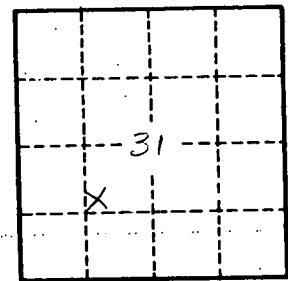
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

clay	0	10
sand	10	100
clay	300	572
sand	572	570



Well No.

M107

