

E Log # 10

M 8

W&D Exp. (GW)
April 1966

Well No.

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by BE Wasson Source of data Diller Date 2/1/67 Map Shuman

State Miss County Union (or town) Union

Latitude: 34 24 04 N Longitude: 08 8 56 28 Sequential number: 1

Local well number: M 008 DB 1208 S 03 E Other number: B & M

Local use: 047010 Owner or name: S. C. RAKESTRAW

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, (H) Dom, Irr, Med, Ind, P S, Rec, Stock, Inact, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

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

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

Hyd. lab. data:

Qual. water data; type: USGS 3/67 Freq. sampling: Pumpage inventory: Aperture cards:

Log data: E log D-634

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 684 ft 684 meas. 4 layers

Depth cased; (first perf.): 265 ft 265 Casing type: steel; Diam. 4 in

Finish: porous gravel v. concrete, (perf.), (screen), gravel v. gallery, horz. open end, (H) (P) (S) (T) (W) (X) (Z)

Method Drilled: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z)

Date Drilled: 2/1/67 967 Pump intake setting: 491 ft

Driller: Ewing Gas Co. Tupelo

Lift (type): (A) (B) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 5 Deep Shallow

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

Descrip. MP top of 4" casing 1487 ft above LSD. Alt. MP 491 ft below LSD. Accuracy: 20'

Level 198.50 ft above MP; Ft below LSD 198 Accuracy: A

Date meas: 2/2/67 267 Yield: 267 gpm Method determined

Drawdown: 267 ft Accuracy: 267 Pumping period 267 hr

QUALITY OF WATER DATA: Iron 267 ppm Sulfate 267 ppm Chloride 267 ppm Hard. 267 ppm

Sp. Conduct 267 K x 10 Temp. 267 °F Date sampled 267

1988
WL = 210.9

W.L. 210.0
cut 5.7
204.3
2 mp
204.1 4/83

open log

ETW 250' by 1400

ROLLA COUNTY PLATON DRAINAGE
Well No. M 8

Well No. _____

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

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

22 **D** Drainage Basin: 23 25 **15F** Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series **K3** _____ aquifer, formation, group **C5** 30 31

Lithology: _____ 32 **S** 33 Origin: _____ 34 **6** Aquifer Thickness: _____ ft

35 _____ 37 Length of well open to: _____ ft 38 _____ 40 Depth to top of: _____ ft 41 _____ 43

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

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

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

Intervals Screened: _____

Depth to consolidated rock: _____ ft 60 _____ 63 Source of data: _____ 64

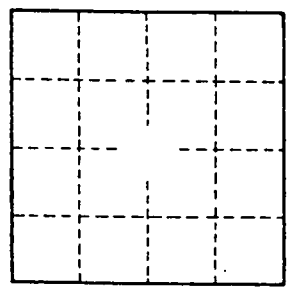
Depth to basement: _____ ft 65 _____ 68 Source of data: _____ 69

Surficial material: _____ 70 _____ 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft 73 _____ 75 Coefficient Storage: _____ 76 _____ 78

Coefficient Perm: _____ 2 gpd/ft; Spec cap: _____ 79 gpm/ft; Number of geologic cards: _____

A.E.C. McCracken M 7



Well No. _____
M 3