

WRD Exp. (GW)
April 1966

Well No. _____

P3

WELL SCHEDULE

E-log 18

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA DISTRICT OFFICE BRANCH

MASTER CARD

Record by P.E. Grantham Source of data E Log + Driv Date 3-24-67 Map Porterville 216-A

State Mississippi County (or town) Kemper 35

Latitude: 32° 44' 17" N Longitude: 088° 28' 08" W Sequential number: 7

Lat-long accuracy: 2' T. 10 S. R. 18 W. Sec 5 NE 1/4 SE 1/4 SE 1/4

Local well number: P003D0510N78E Other number: _____ B & M

Local use: 056018 Owner or name: Thelma H. Hatchcock

Owner or name: T H HATCHCOCK Address: Electric Mills, Miss

Ownership: 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, _____

(S) Stock, Inscit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ H

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: E. Log. 234-1123 ft

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1455 ft Meas. rept accuracy _____ 4

Depth cased: 1375 ft Casing type: Steel; Diam. 4" x 2" in _____ 4

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other _____ P

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) percussion, (R) rotary, (T) reverse, (U) trenching, (V) driven, (W) wash, (Z) other _____ H

Date Drilled: 3-67 967 Pump intake setting: _____ ft _____ 38

Driller: Terry Drlg. Co., Meridian Miss

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 _____ 5 Deep _____ D Shallow _____ 40

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

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

Alt. LSD: 212 Bay _____ 212 Accuracy: (source) _____ 50' CI _____ 3

Water Level _____ ft above _____ ft below MP; _____ ft below LSD Accuracy: _____

Date meas: _____ Yield: _____ gpm _____ Method determined _____

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

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

Sp. Conduct 5,500 K x 10⁶ 7 Temp. _____ °F _____ Date sampled _____ 70

Taste, color, etc. Salty (Bitter salt)

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 13G Subbasin: _____

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

MAJOR AQUIFER: K3 M.S 28 29 30 31

Lithology: S Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 80 Depth to top of: _____ ft 35 37 38 40 41 43

MINOR AQUIFER: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft 44 45 46 47 48 49 50 51 53 54 56 57 59

Intervals Screened:

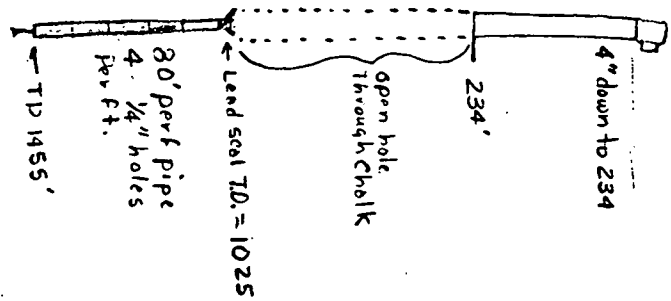
Depth to consolidated rock: _____ ft Source of data: _____ 64

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

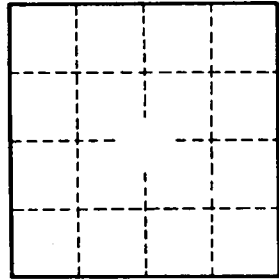
Surficial material: _____ Infiltration characteristics: _____ 70 71 72

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

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



$K_{ma} @ 834 \text{ ft.}$
 $K_e @ 1104 \text{ ft.}$



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