

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

NOV 18 1972

PUNCHED

MASTER CARD

Record by E. S. W. Source of data W.P. E. L. Date 5-18-72 Map W. 1/4 Sec 29

State MISS. County ITAWAMBA

Latitude: 34° 22' 45" N Longitude: 088° 23' 25" W Sequential number: 2

Lat-Long accuracy: 2 T 8 R 9 W, Sec 18, SW, SE

Local well number: E004CD1808S09E Other number: B & M

Local use: 043 Owner or name: USCE

Owner or name: USCE NO 64B Address: \_\_\_\_\_

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

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

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

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

Hyd. lab. data: 72

Qual. water data; type: C 74

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: D.E 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 4.0 ft Meas. rept accuracy 24

Depth cased: 3.0 ft Casing type: PVC Diam. 4 in

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

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

Date Drilled: 5-17-72 972 Pump intake setting: \_\_\_\_\_ ft 36 38

Driller: USCE Parker name 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, other S Deep 40 Shallow

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 41 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 300 Accuracy: (source) \_\_\_\_\_ 47

Water Level: 2.55 ft above below MP; Ft below LSD 2 Accuracy: \_\_\_\_\_ 52

Date meas: 072 Yield: \_\_\_\_\_ gpm 4 Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 66 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct K x 10 11 Temp. 17.0 Date sampled N 72 73 74 75 76 77 78 79

Taste, color, etc. \_\_\_\_\_

111974

Well No. E4

(64B)

Latitude-longitude \_\_\_\_\_

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

**REMOVED**

Drainage Basin: D Subbasin: 13B

Topo of well site: (D) depression, stream channel, dunes, (E) flat, hilltop, sink, swamp, (F) offshore, pediment, hillside, terrace, undulating, valley flat (G) \_\_\_\_\_

MAJOR AQUIFER: system \_\_\_\_\_ series L3 aquifer, formation, group EU

Lithology: 3S Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 010 ft Depth to top of: 112 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: \_\_\_\_\_

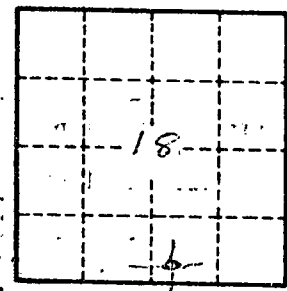
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

**Driller's log**

Well 64

- 0-20 clay & sand
- 20-40 sand, clay, gravel
- 40-50 clay, sand
- 50-60 gravel & clay
- 60-80 clay, blue
- 80-93 " " , gravel
- 93-94 rock
- 94-110 Sand & gravel
- 110-150 gravel flow at 120'
- 150-180 clay
- 180-220 gravel & clay
- 220-228 rock



See sketch 64A