

WRD Exp. (GW)  
April 1966

Well No. K 8

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by J. A. Callahan Source of data Driller Date 2-27-68 Map TN Shows 3-31-64

State 63 MISS County 28 JONES 6 3:4

Latitude: 31 35 03 W Longitude: 089 12 57 Sequential number: 1

Local well number: K 0 0 8 A D 0 8 0 7 W 1 2 W Other number: #5

Local use: 064 Owner or name: ELLISVILLE STATE SCHOOL

Owner or name: ELLISVILLE ST SH Address: ELLISVILLE MISS

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

Use of water: (S) (T) (U) (V) (W) (X) (Z) W

Use of well: (A) (D) (G) (H) (I) (M) (N) (P) (R) (T) (U) (W) (X) (Z) W

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

Eyd. lab. data:

Qual. water data; type: MSBON 10-14-63

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

Aperture cards:  yes

Log data:

#### WELL-DESCRIPTION CARD

EAME AS ON MASTER CARD Depth well: 548 ft 548 Meas. Driller 24 3

Depth cased: (first perf.) 508 ft 508 Casing type: Steel ; Diam. 12 1/8 in 1 1/2

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

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

Date Drilled: 1963 9.6.3 Pump intake setting:  ft

Driller: LAYNE CENTRAL CO. JACKSON MISS

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 50 Trans. or meter no.

Descrip. MP Base of Pump 2 ft above LSD, Alt. MP 215 Accuracy: 220 Topo. CI

Ait. LSD: 215 Accuracy: 220

Water Level: 51.5 ft above MP; 51 LSD Accuracy: Measured

Date meas: 1-7-64 1.6.4 Yield: 400 gpm 400 Method determined

Drawdown:  ft Accuracy:  Pumping period:  hrs

QUALITY OF WATER DATA: Iron 0 Sulfate  Chloride 0 Hard.

Sp. Conduct  K x 10  Temp.  Date sampled 063

Taste, color, etc.

140  
12.9  
15.10  
2.5  
9.7.60  
220  
90  
130

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Latitude-longitude \_\_\_\_\_  
d m s N S d m s

**HYDROGEOLOGIC CARD**

19 SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_  
20 21 03 Section: \_\_\_\_\_  
22 D Drainage Basin: \_\_\_\_\_  
23 24 25 130 Subbasin: \_\_\_\_\_  
26

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

MAJOR AQUIFER: Tertiary system, Miocene series, T.M. aquifer, Catahoula formation, group  
28 29 30 31 C.A.

Lithology: Sand \_\_\_\_\_  
32 33 S Origin: beach \_\_\_\_\_  
34 3 Aquifer Thickness: \_\_\_\_\_ ft

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

MINOR AQUIFER: \_\_\_\_\_  
44 45 \_\_\_\_\_ aquifer, formation, group  
46 47

Lithology: \_\_\_\_\_  
48 49 \_\_\_\_\_ Origin: \_\_\_\_\_  
50 \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

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

Intervals Screened: 508-548 40' of 8" #8 shutter screen

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

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_  
65 68 Source of data: \_\_\_\_\_  
69

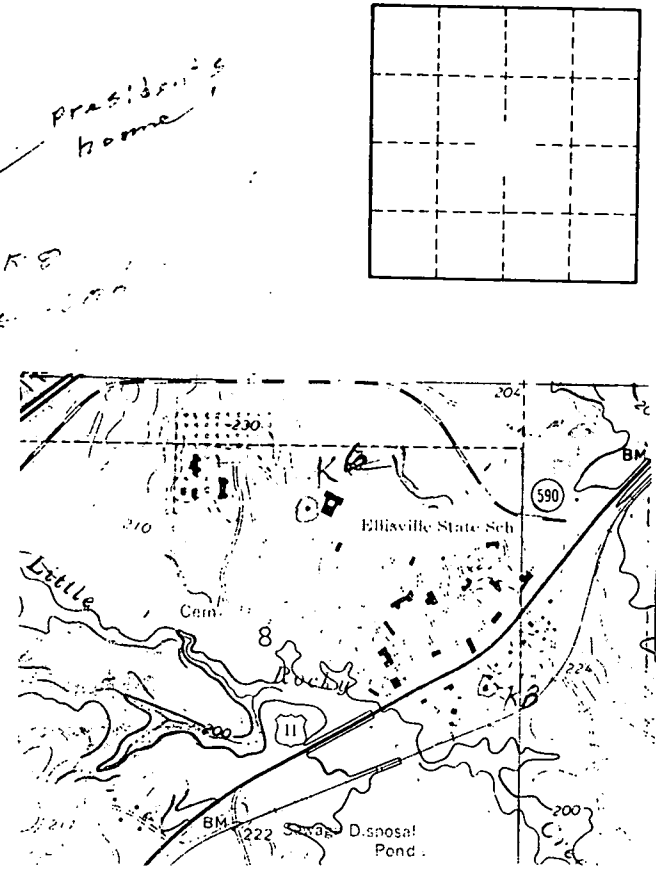
Surficial material: \_\_\_\_\_  
70 71 Infiltration characteristics: \_\_\_\_\_  
72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_  
73 75 Coefficient Storage: \_\_\_\_\_  
76 78

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_  
79

495' of 12"  
69' of 8"

See Topo & K6



Well No. K8