

HL Smallwood
Res. Eng.
State Hwy Dept
Baltimore, Md.

WRD Exp. (GW)
April 1966

Well No. VII
Log # 31

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED
DEC 31 1973

MASTER CARD

Record by P.E. Grantham Source of data Dvh Date 6-28-68 Map _____

State Mississippi County 28 (or town) Panola 54

Latitude: 34 14 28 N Longitude: 08 9 55 08 Sequential number: 1

Lat-long accuracy: 2 T. 10 S. R. 7 E. Sec 3, NW 1/4, NW 1/4, NE 1/4

Local well number: V011BA0310S07W Other number: _____ B & M

Local use: DIG/031 Owner or name: Miss State Hwy Dept

Owner or name: M I S S I S S I W Y D E P T Address: Rest Area 316+34 East

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 5

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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: 4-9??

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1899 ft Meas. 3 accuracy

Depth cased; (first perf.): 761 ft Casing type: _____; Diam. 4x2 in 4

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

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

Date Drilled: 6-68 968 Pump intake setting: _____ ft 30 38

Driller: Luther Ratliff, Grenada, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 5 Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 5 Trans. or meter no.

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

Alt. LSD: 266.5 266 Accuracy: (source) 5

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

Date meas: _____ Yield: 30 gpm 30 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. _____

3164
53
010

Well No.

Well No. _____

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

HYDROGEOLOGIC CARD

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

22 **D** Drainage Basin: _____ 23 **15** 24 **E** Subbasin: _____ 25

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

MAJOR AQUIFER: _____ 28 **TE** 29 _____ 30 **LW** 31 _____
system series aquifer, formation, group

Lithology: _____ 32 **US** 33 _____ Origin: _____ 34 **2** Aquifer Thickness: _____ ft

35 _____ 36 _____ Length of well open to: _____ ft 37 **33** 38 _____ Depth to top of: _____ ft 39 **760** 40 _____ 41 _____ 42 _____ 43

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

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

51 _____ 52 _____ Length of well open to: _____ ft 53 _____ 54 _____ Depth to top of: _____ ft 55 _____ 56 _____ 57 _____ 58 _____ 59

Intervals Screened: **split : 761-772 ;**

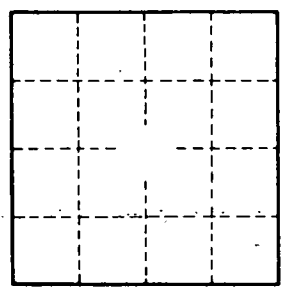
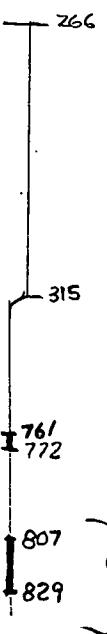
Depth to consolidated rock: _____ ft 60 _____ 61 _____ Source of data: _____ 64

Depth to basement: _____ ft 62 _____ 63 _____ Source of data: _____ 65

Surficial material: _____ 66 _____ 67 _____ Infiltration characteristics: _____ 68 _____ 69 _____ 70 _____ 71 _____ 72

Coefficient Trans: _____ gpd/ft 73 _____ 74 _____ Coefficient Storage: _____ 75 _____ 76 _____ 77 _____ 78

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



Well No. _____