

WRD Exp. (GW) G W 01554  
April 1966 0610032-06

Well No.

7/2/96

K92

WELL SCHEDULE

E Log 171

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Dr. + E. Log Date 8-8-67 Map Whitfield  
Florence

State Mississippi County (or town) Rankin

Latitude: 32° 14' 22" N Longitude: 09° 00' 43" W Sequential number: 1

Lat-long accuracy: 2 T. 5 S. R. 2 E. W. Sec 27 SE. 26 SE. 27 SE. SW/SE/SW/SW

Local well number: K092DD2705NO2E Other number: #C

Local use: 064171 Owner or name: Miss. State Hosp. Whitfield

Owner or name: MISSISSIPPI STATE HOSP Address: Test hole #2 1967

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 7

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:  yes  no Pumpage inventory:  no  period:

Aperture cards:  yes

Log data: E Log 3-881, D (M BOWC) CCKP DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 844' ft 838 Meas. accuracy 3

Depth cased: (first perf.) 778' ft 778 Casing type: 1810 in 18

Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. horiz. gallery, (H) open end, (I) perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other 9

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

Date Drilled: 967 Pump intake setting: ft 36 38

Driller: Layne Central Jackson, 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 7 Deep 39 Shallow 40

Power (type): diesel elec nat gas, gasoline, hand, gas, wind; H.P. 125 Trans. or meter no. W

Descrip. MP 320 ft above LSD 320 Alt. MP 20' CI Accuracy: 5

Water Level 167 ft above MP: Ft 167 below LSD 167 Accuracy: D

Date meas: 867 Yield: ? gpm 750 Method determined 61

Drawdown: ft 62 Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10<sup>6</sup> 73 Temp. °F 74 Date sampled 77 79

Taste, color, etc. 77 79

PUNCHED and VERIFIED  
ROLLA COMPUTING BRANCH

Well No. K92

Latitude-longitude N  
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: \_\_\_\_\_

0 Drainage Basin: \_\_\_\_\_ 137 Subbasin: \_\_\_\_\_

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

JOR \_\_\_\_\_ TE \_\_\_\_\_ C/D  
 UIFER: system series aquifer, formation, group

thology: \_\_\_\_\_ S \_\_\_\_\_ 2 \_\_\_\_\_  
 Origin: Aquifer Thickness: ft

70 Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 60 Depth to top of: \_\_\_\_\_ ft 810

NOR \_\_\_\_\_ CCKE \_\_\_\_\_  
 UIFER: system series aquifer, formation, group

thology: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
 Origin: Aquifer Thickness: ft

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

Intervals reamed: 778-838 10" SS

pth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

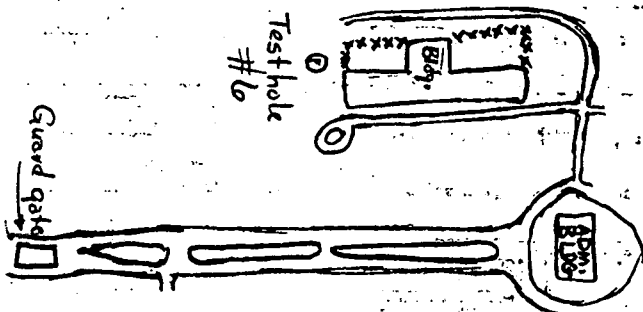
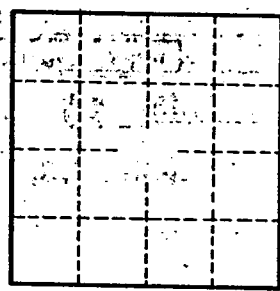
pth to cement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

rficial terial: \_\_\_\_\_ 70-71 \_\_\_\_\_  
 Infiltration characteristics: \_\_\_\_\_

efficient ans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ 73-75 \_\_\_\_\_  
 Coefficient Storage: \_\_\_\_\_

efficient cm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

D, of hole 844



Stake Hospito  
Whitfield

Well No.

Rankin  
K 92  
8-67  
Elec 109

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

MGS  
CODED

WATER WELL DRILLERS LOG

8-20 date well completed 1967 Layne Central Co. firm name Rankin county well located

LANDOWNER:  
Miss. State Hospital  
Whitfield, Miss.  
(mailing address)

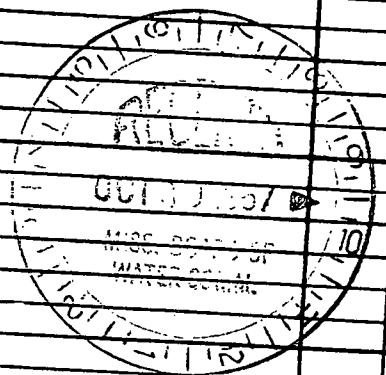
WELL LOCATION: BESE SE  
sec. 27 T 5 N R. 2 E  
S W

\_\_\_\_\_ miles (distance) of \_\_\_\_\_ (direction) of \_\_\_\_\_ (nearest town)

WELL PURPOSE: Domestic  
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 18"
  - (2) total depth (feet) 844'
  - (3) static water level (feet) 167 below above top of ground.
  - (4) casing Steel 778'  
(material) (depth)  
(size) if telescope see back.
  - (5) screen 60' 778'  
(length) (depth to top)  
10" Stainless Steel  
(size) (material)
  - (6) pump 125 \_\_\_\_\_  
(HP) (yield gpm)  
Electric  
(type power)
  - (7) electric log YES  
(yes or no)  
U.S.G.S.  
(organization running log)
  - (8) how well bottom plugged \_\_\_\_\_

description of formations encountered	from	to
Sandy Clay	0	20
SANDY ROCK	20	29
HARD ROCK	29	30
FINE SAND	30	53
Sandy Shale	53	120
Yellow Clay	120	535
Sandy Shale	535	692
FINE SAND-STREAKS Shale	692	775
SAND	775	844
Sandy Shale	844	885

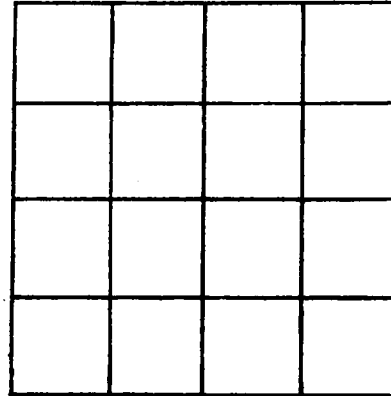


DRILLERS REMARKS:  
No test run as of this date

7

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

**ADDITIONAL INFORMATION**

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/2/96

UNIT DEQ #: \_\_\_\_\_ FILE #: B070218B

HEALTH DEPT. #: 610032-06 ELEV. 320'

USGS #: K92 OLWR #: GW01554

OWNER: MS State Hospital / Whitfield QUAD: Whitfield

LOCATION: SW/SW S. 26 T. 5N R. 2E COUNTY: Rankin

LOCATION DESCRIPTION: Southeast of bldg 63

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/125 HP

GPS FIELD LOCATION: LAT. 32° 14' 24.4 N LONG. 90° 09' 17.6 W

GPS CORRECTED LOCATION: LAT. 32.24047992 LONG. 90.07161844

REMARKS: Measured @ 15' NE of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

02 ORS Well

1.4 from well to  
109

