

WRD Exp. (GW)  
April 1966

Well No. 37

WELL SCHEDULE Log # 20

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD JAC Banc 12/3/71  
Record by C. Jensen Source of data M565 Date 7-18-66 Map  
State Miss. County (or town) Pontotoc 58

Latitude: 34 11 00 00 N Longitude: 08 91 00 03 Sequential number: 1  
Lat-long accuracy: 2 T. 10 N. R. 1 E. W. Sec 26 NE SW

Local well number: E007A02610S01E Other number: B & M

Local use: 021020 Owner or name: Randolph Water Assoc.

Owner or name: RANDOLPH WATER ASSOC. Address: Well # 1

Ownership: County: (C) (F) (M) (N) (P) (S) (W) W

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) P  
(S) (Z) (U) (V) (W) (X) (Y) (Z)  
Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

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

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

Hyd. lab. data:

Qual. water data; type: USGS 11/1/71

Freq. sampling:  Pumpage inventory: yes  no:

Aperture cards:  yes

Log data: Samples 2-1611 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1565 ft Meas. 3 accuracy

Depth cased: (first perf.) 1525 ft Casing type: Steel; Diam. 8x4 in 8

Finish: (C) (F) (G) (H) (I) (P) (S) (T) (W) (X) (Z) 5  
porous concrete, gravel w. (perf.), (screen), gravel w. gallery, end, horiz. open hole, other

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

Date Drilled: 6-24-66 9-6-66 Pump intake setting: 9 ft 38

Driller: Newman Hornum Well Supply

Lift (type): (A) (B) (C) (J) multiple, multiple, (N) (P) (R) (S) (T) (Z) T Deep  Shallow   
air, bucket, cent, jet, (cent.) (turb.) none, piston, rot, submerg, turb, other

Power (type): nat LP 30 Y Trans. or meter no. 30

Descrip. MP 30 above 30 ft below LSD. Alt. MP 30

Alt. LSD: 530 G.L. 530 Accuracy: topo 4

Water Level: 310 ft above MP; Ft below LSD 310 Accuracy: D

Date meas: N:66 Yield: 1000 gpm Method determined 4

Drawdown: 0 ft Accuracy: 0 Pumping period 0 hrs

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

Sp. Conduct 640 K x 10<sup>6</sup> 4 Temp. 28.0 Date sampled 11/1/71 N:71

Taste, color, etc. Field pH = 6.8  
Lab pH 6.8  
MB Field pH 8.2

PUNCHED

Well No.

E7

Well No. E7

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

D Drainage Basin: 156 Subbasin:

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

MAJOR AQUIFER: K3 system series Ez aquifer, formation, group

Lithology: U5 Origin: 6 Aquifer Thickness:

85 Length of well open to: ft 40 Depth to top of: 451 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness:

Length of well-open to: ft Depth to top of: ft

Intervals Screened: 1525-1565, 4" SS

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

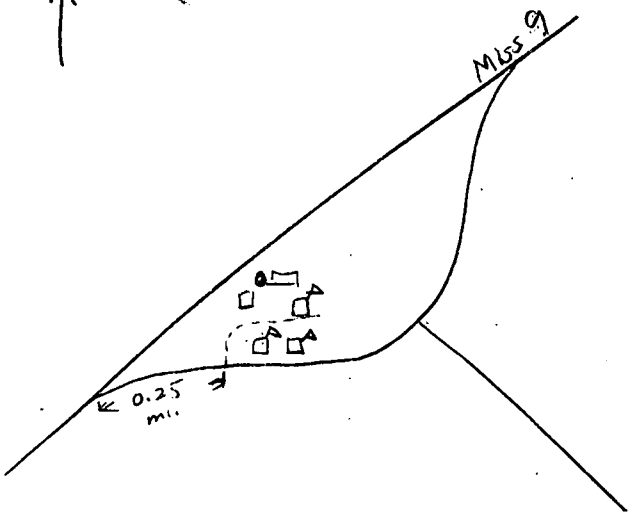
Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

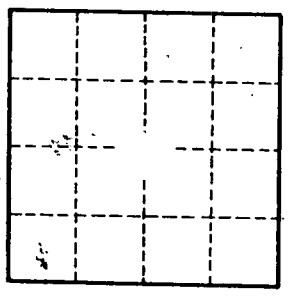
Coefficient Perm: gpd/ft<sup>2</sup>; Spec cap: gpm/ft; Number of geologic cards:



800' of 8" casing

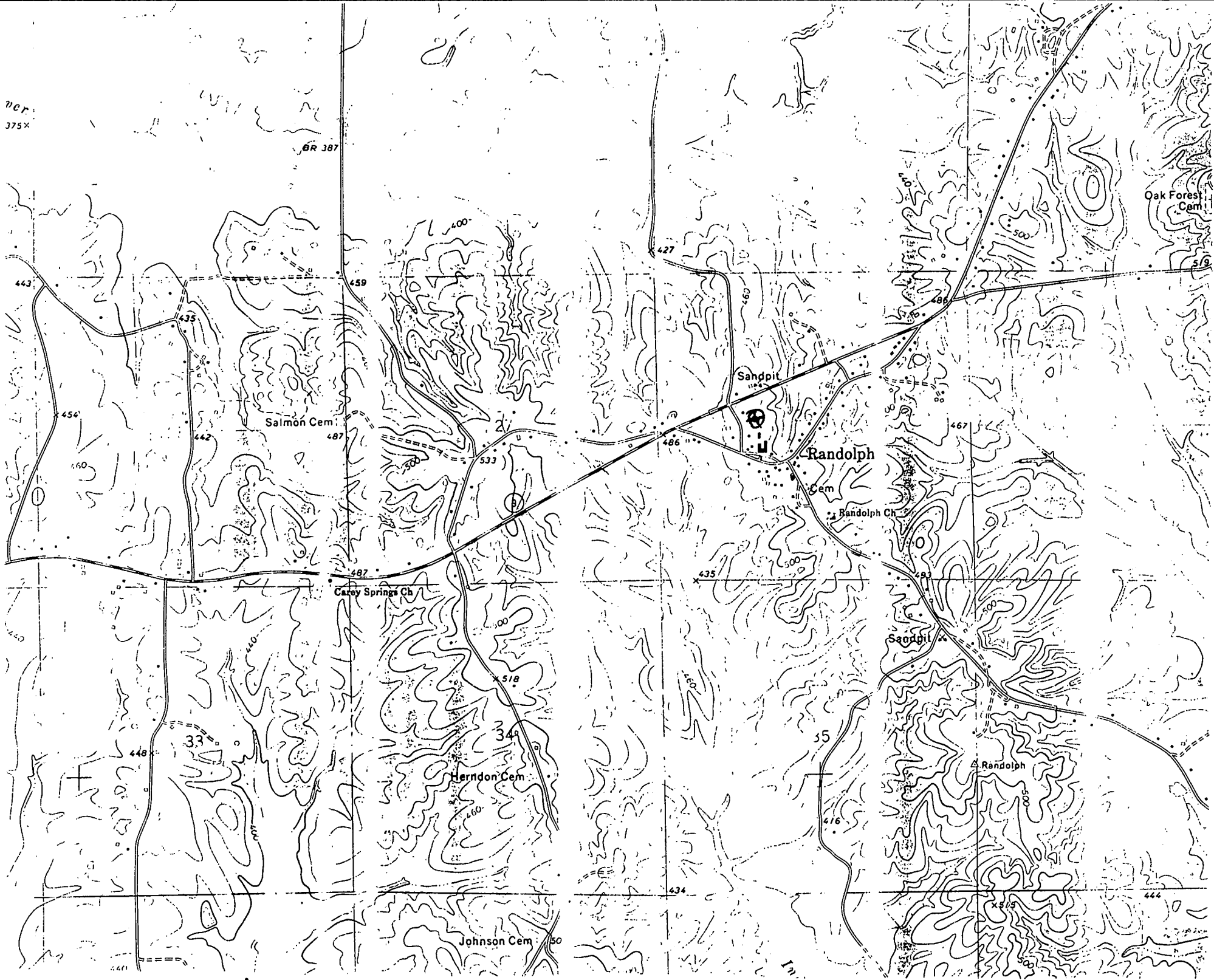


4000-gal tank  
4" disch. Tee  
Geo. Hodges



Well No. E7

707  
375X



BR 387

Oak Forest Cem

Salmon Cem

Sandpit 1194

Randolph Cem

Randolph Ch

Carey Springs Ch

Harndon Cem

Johnson Cem

Sandpit

Randolph

Pontotoc  
E T  
11-66  
M.G.S.

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

CODER

WATER WELL DRILLERS LOG

November 19 66 Heardon-Hornum Well Supply, Pontotoc  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Randolph</u>	<u>Red clay</u>	<u>0</u>	<u>10</u>
<u>Water District</u>	<u>Red sand (clay)</u>	<u>10</u>	<u>29</u>
<u>Pontotoc Co, Miss</u>	<u>White sand - white</u>	<u>29</u>	<u>43</u>
(mailing address)	<u>clay streaks</u>		
WELL LOCATION:	<u>Blue clay</u>	<u>43</u>	<u>43</u>
sec <u>26</u> T <u>10</u>	<u>Blue clay</u>	<u>430</u>	<u>507</u>
<u>NE 1/4 SW 1/4</u>	<u>Light sand (mudstone)</u>	<u>507</u>	<u>645</u>
R <u>1</u> E	<u>Rock</u>	<u>645</u>	<u>645</u>
miles of (distance) (direction) (nearest town)	<u>Sand</u>	<u>645.8</u>	<u>658</u>
WELL PURPOSE: <u>Community</u>	<u>Blue clay</u>	<u>658</u>	<u>663</u>
(home, irrigation, municipal, industrial)	<u>Dark blue clay</u>	<u>663</u>	<u>787</u>
WELL COMPLETION DATA:	<u>White chalk</u>	<u>787</u>	<u>810</u>
(1) diameter (inches) <u>8"</u>	<u>Blue clay</u>	<u>810</u>	<u>1086</u>
(2) total depth (feet) <u>1101</u>	<u>Fine sand</u>	<u>1086</u>	<u>1114</u>
(3) static water level (feet) <u>310'</u> below top of ground.	<u>Blue clay</u>	<u>1114</u>	<u>1410</u>
(4) casing <u>Steel</u> , <u>800'</u> (material) (depth)	<u>Shell</u>	<u>1410</u>	<u>1450</u>
<u>8"</u> (size) If telescope see back.	<u>Sand</u>	<u>1450</u>	<u>1545</u>
(5) screen <u>40'</u> , <u>15.25</u> (length) (depth to top)	<u>Coarse sand (gravel)</u>	<u>1545</u>	<u>1610</u>
<u>4"</u> (size) <u>stainless steel</u> (material)			
(6) pump <u>30</u> (HP) <u>100</u> (yield gpm)			
<u>electric</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>M.G.S.</u> (organization running log)			
(8) how well bottom plugged <u>BLW</u>			
DRILLERS REMARKS:			

APR 30 1966

MISS. BD. OF  
 WATER COM.

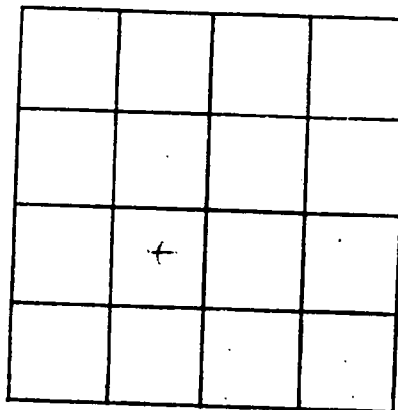
(7)

If well telescopes please sketch and show depths.

E7

GROUND LEVEL

800' of  
8" casing



SECTION 26

Please indicate well location X.

ADDITIONAL INFORMATION

Lead Seal

4" casing

Top of Screen  
1525

40' Screen  
4"

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

# RANDOLPH QUAD

