

Booneville

GW559  
59000Z-02

Recorded by V. Court  
Date 1/29/81

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. F-59  
E-Log No. 80  
County PRELIM

TRANSMITTED FOR [unclear]

Site ID 3.4.3.8.1.4.0.8.8.3.1.4.3.0.1 R=0\* T=A\* 2=W\* Well #.2

Data reliab. 3=C\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=1.1.7\*

Lat. Long. 9=3.4.3.8.1.4\* 10=0.8.8.3.1.4.3\* Well No. 12=F.0.5.9\*

Location 13=NE NE S 23 T 0.5 S R 0.7 E\* Alt. 16=550\* 545'

Hyd. Unit (OWDC) 20= \_\_\_\_\_\* Date 21=1.2.1.1.8.1.1.9.8.0\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=513\* Well depth 28=500\*

WL 30=227\* Date 31=0.1.1.2.3.1.1.9.8.1\* Source 33=D\*

Status 273= \_\_\_\_\_\* Project No. 5= \_\_\_\_\_\* (30) WL = 236.46 5/11/88

R=158\* T=A\* Date 159# 0.1.1.2.3.1.1.9.8.1\* Owner No. \_\_\_\_\_

Owner 161# B.I.G. V. W. A.

R=192\* T=A\* Date 193# \_\_\_\_\_\* Temp. 196#00010\* 197= \_\_\_\_\_\*

R=192\* T=A\* Date 193# \_\_\_\_\_\* Cond. 196#00095\* 197= \_\_\_\_\_\*

R=192\* T=A\* Date 193# 0.9.1.1.5.1.1.9.8.2\* pH 196#00400\* 197=7.0\*

R=58\* T=A\* 59# 1\* Date 60# 0.1.1.2.3.1.1.9.8.1\* Remarks \_\_\_\_\_

Drlg. 63=0.6.4\* Name LAYNE CENTRAL Method 65=H\* Finish 66=S\*

R=76\* T=A\* 59# 1\*

Top csgn. 77# 0\* Bot. csgn. 78=4.5.5\* Diam. 79# 1.0\*

R=76\* T=A\* 59# 1\*

Top csgn. 77# 4.0.0\* Bot. csgn. 78=4.5.9\* Diam. 79# 6\*

R=82\* T=A\* 59# 1\* Top 83# 4.5.9\* Bottom 84=5.0.0\*

Type 85=S\* Diam. 87=6\* Size 88= \_\_\_\_\_\*

R=82\* T=A\* 59# 1\* Top 83# \_\_\_\_\_\* Bottom 84= \_\_\_\_\_\*

Type 85= \_\_\_\_\_\* Diam. 87= \_\_\_\_\_\* Size 88= \_\_\_\_\_\*

YIELD R=146\* T=A\* 147# 1\* Q 150=2.5.0\* Q/S 272= \_\_\_\_\_\*

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD QW

CONSTR.

CASING

OPENINGS

YIELD

R=42\* T= A \* Lift type 43# T \* Intake 44# T \* Power type 45# E \*

Date 38= 01/23/1981 \* H.P. 46= 4.0 \* \*

R=198\* T= A \* Log 199# E \* Top 200= 1.0 \* \* Bot 201= 5.13 \* \*

R=198# T= A \* Log 199# D \* Top 200= 0.0 \* \* Bot 201= 5.13 \* \*

R=189\* T= A \* E Log No. 190# 0.80 \* 191= M I S S D I S T \* \*

R=114\* T= A \* Year 115# \* 117# \* 120# \*

R=90\* T= A \* 256# 1 \* Top 91= 4.78 \* \* Bot 92= 5.08 \* \*

Unit ID 93= 211 M.C.S.N. \* Name of Unit m.c.c.l.a.

R=90\* T= A \* 256# 1 \* Top 91= \* \* Bot 92= \* \*

Unit ID 93= \* Name of Unit

R=98\* T= A \* 99# 1 \* Unit tested 100# \* 103# \*

R=105\* T= A \* 99# 1 \* Test No. 106# \*

107# \* Transmissivity (gal/d)/ft

108# \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

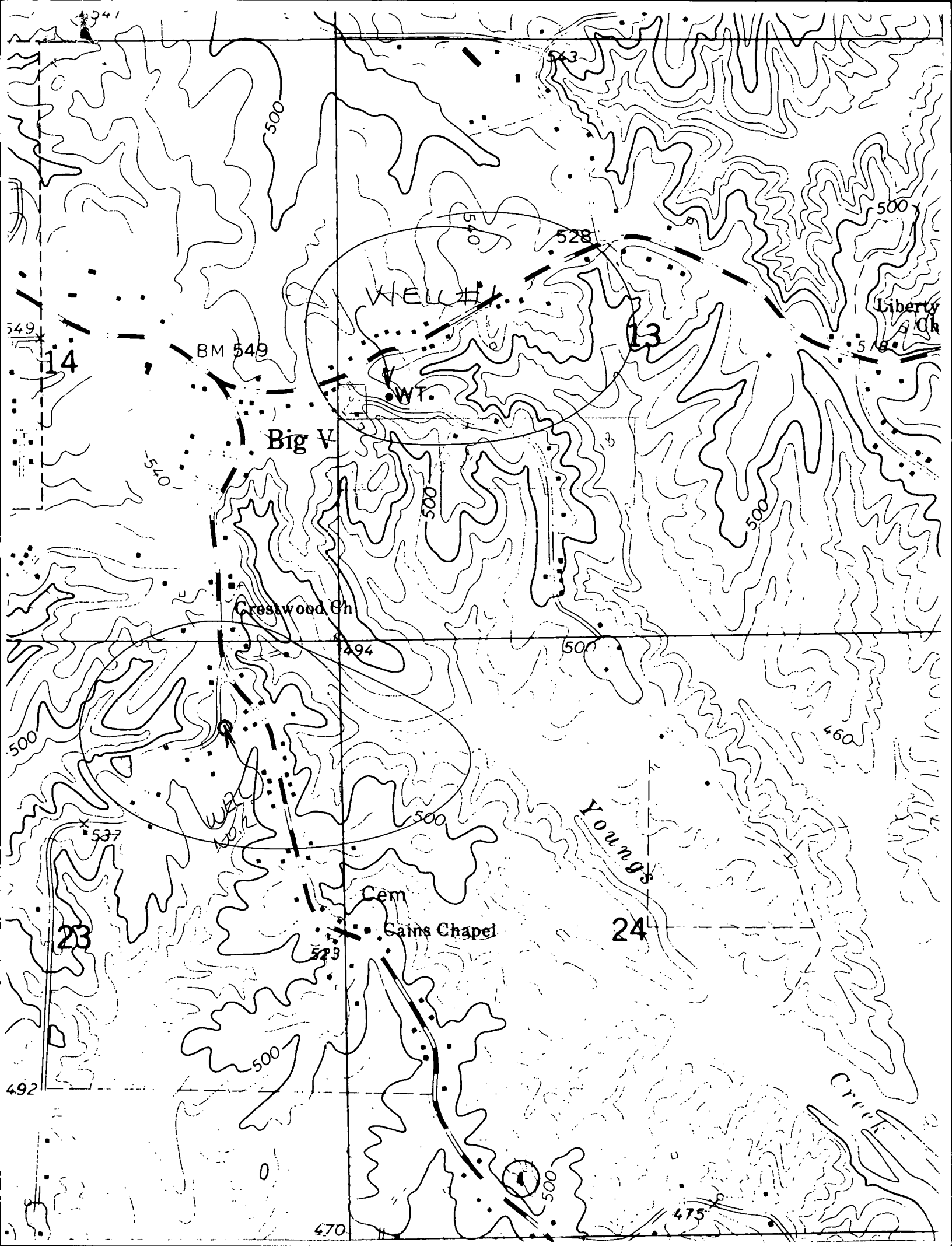
110# \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \* Network 25

Water Level Data Collection (1)

10/21/92  
 260.0  
 18.4  
 241.6  
 2.8 m.p.  
 238.8

description of formations encountered	from	to
Red Clay	0	15
Yellow Clay	15	20
Blue Clay with sandy st.	20	102
Sand & Clay st.	102	130
Sandy Clay	130	141
Sand & Clay st.	141	153
Sandy Clay	153	156
Blue Clay	156	183
Rock	183	184
Sandy Clay	184	203
Sand & Clay st.	203	220
Clay	220	229
Rock	229	234
Sand & Clay st.	234	250
Rock	250	251
Sandy Clay	251	254
Tough Blue Clay	254	326
Sandy Clay	326	356
Sandy Clay & sand st.	356	366
Sandy Clay	366	434
Gravel & Clay	434	438
Sandy Clay	438	448
Gravel & Sand & lt1. clay	448	508
stks.		
Clay	508	513



D  
PRENTISS  
F 59  
1/23/81

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

**CODED**

**WATER WELL DRILLERS LOG**

1/23/81 19 81 Layne-Central Company Prentiss  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Big V Water Assoc.	Red Clay	0	15
P. O. Box 778	Yellow Clay	15	20
Booneville, MS 38829	Blue Clay with sandy st.	20	102
(mailing address)	Sand & Clay st.	102	130
<b>WELL LOCATION:</b>	Sandy Clay	130	141
sec. <u>23</u> T. <u>5</u> N R. <u>7</u> E	Sand & Clay st.	141	153
3 miles SE of Booneville	Sandy Clay	153	156
(distance) (direction) (nearest town)	Blue Clay	156	183
<b>WELL PURPOSE:</b> municipal	Rock	183	184
(home, irrigation, municipal, industrial)	Sandy Clay	184	203
<b>WELL COMPLETION DATA:</b>	Sand & Clay st.	203	220
(1) diameter (inches) <u>10"</u>	Clay	220	229
(2) total depth (feet) <u>506'</u>	Rock	229	234
(3) static water level (feet) <u>227'</u> below	Sand & Clay st.	234	250
top of ground.	Rock	250	251
(4) casing <u>steel</u> <u>455'</u>	Sandy Clay	251	254
(material) (depth)	Tough Blue Clay	254	326
<u>10"</u> If telescope see back.	Sandy Clay	326	356
(size)	Sandy Clay & sand st.	356	366
(5) screen <u>41'</u> <u>459'</u>	Sandy Clay	366	434
(length) (depth to top)	Gravel & Clay	434	438
<u>6"</u> stainless steel	Sandy Clay	438	448
(size) (material)	Gravel & Sand & lt. clay	448	508
(6) pump <u>40</u>	stks.		
(HP) (yield gpm)	Clay	508	513
elec.			
(type power)			
(7) electric log <u>Yes.</u>			
(yes or no)			
Bureau of Geology			
(organization running log)			
(8) how well bottom plugged <u>6' back</u>			
pressure valve			
<b>DRILLERS REMARKS:</b>			

DEPT. OF NATURAL RESOURCES  
 BUREAU OF LAND & WATER RESOURCES  
 MAR 9 1981  
**RECEIVED**