

Coded By BRR 7/96
 Checked By JRS 7-5-97
 Entered By JRS 7/97
 Date 7/97

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 91
 County CALHOUN
 Agency

Well No. K19
112B

WELL RECORD

Agency Code <u>U1S1GIS</u>		Site Id <u>1335242018A119Z11011</u>			Project No. <u>5</u>		
Station Name <u>12-K101191 CALHOUN W/ C1117X</u>				Latitude <u>9-313524101</u>		Longitude <u>10401891119217</u>	
Lat/Long Ac. <u>11-9-01 M</u>		Disc <u>6-29</u>	State <u>7-29</u>	County <u>8-0113</u>	Land Net <u>15-NW1SE1111123MR191E1</u>		
Location Map <u>16-DRUCE</u>			Altitude <u>16-3211</u>		Mec/Meas <u>17-A L</u>	Accuracy <u>18-15T</u>	Hydrologic Unit <u>20-080301205</u>
Agency Use <u>803-A 10</u>		Date Inventoried <u>711</u>		Station Type <u>4</u>		Data Type <u>804</u>	
Instru. <u>805</u>		Remarks <u>806</u>			Relia. <u>3-CLM</u>		<u>2-9 X</u>
Date of Construction <u>21-04/10/11/1996</u>		Well Use <u>23-W</u>	Water Use <u>24-P</u>	Primary Aquifer <u>714-2116ORD</u>		Hole Depth <u>27-2035</u>	
Well Depth <u>29-2031</u>	Water Level <u>30-142</u>	Water Level Date <u>31-05/10/11/1996</u>		Method <u>34-</u>	Status <u>37-</u>	Source <u>33-D</u>	

CONSTRUCTION DATA

Construction Date <u>65-05/10/11/1996</u>		Contractor <u>63-0614</u>		Method <u>65-H</u>		Finish <u>66-51</u>	
Name <u>LAYNE</u>							

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77	78	79
Top/Casing	Bot/Casing	Diameter				
R=76	T=A	725#2	59#1	77	78	79
Top/Casing	Bot/Casing	Diameter				

CONSTRUCTION OPENINGS DATA

R=32	T=A	726#1	59#1	83	84	87	85	89	88
Top/Depth	Bot/Depth	Diameter	Type	Length	Width				
R=32	T=A	726#2	59#1	83	84	87	85	89	88
Top/Depth	Bot/Depth	Diameter	Type	Length	Width				

CONSTRUCTION LIFT DATA

R=22	T=A	254#1	Lift Type <u>43</u>	Date <u>38-05/10/11/1996</u>	Intake <u>44-2201</u>	
Power <u>45-E</u>	H.P. <u>46-160</u>	Serial No. <u>49</u>				

MISCELLANEOUS OWNER DATA

Date of Ownership <u>159-05/10/11/1996</u>		Owner Name <u>161-CALHOUN W/ C1117X</u>					
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MISCELLANEOUS OTHER ID DATA

E-Log No. <u>91</u>		Assigner <u>U1S1GIS</u>					
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MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / / / / / / / .	Aquifer Sampled 1954 / / / / / / / / .	Temp 196400010	Value 1974 / / /
R=192	T=A	738#2	Date of Measurement 1934 / / / / / / / / .	Aquifer Sampled 1954 / / / / / / / / .	So Cond 196400095	Value 1974 / / /
R=192	T=A	738#3	Date of Measurement 1934 / / / / / / / / .	Aquifer Sampled 1954 / / / / / / / / .	OH 196400000	Value 1974 / / /

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994E	Sec. Depth 2004 / / / 14104	End Depth 2014 / 2103 / 41
R=198	T=A	739#2	Log Type 1994D	Sec. Depth 2004 / / / 101	End Depth 2014 / 179 / 91

MISCELLANEOUS NETWORK DATA $706 = Qw \ wL \ wD \ *$

R=114	T=A	730#1	Sec. Year 1154 / 4 / /	End Year 1164 / 4 / /	Agency Source 120-A	Freq. 1174 / / / /
R=114	T=A	730#2	Sec. Year 1154 / 4 / /	End Year 1164 / 4 / /	Agency Source 1174 / / / /	Freq. 1184 / /

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 1844 / / / / / / / / .	Remarks 1854
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148-05 / 09 / 11994	Type 703-PF	Discharge 1504 / 15254	So. Capacity 274 / 1314
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 914 / 1955	Depth Bot. 924 / / / / /	Unit Id 93-211160KD	e 65#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004 / / / / / / / / .	1034 / /
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1 mile W of Hospital

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION (continued) of Land & Water Resources	FROM	TO
RED CLAY	0	8	SHALE	476	525
SANDY GRAY CLAY	8	18	SANDY SHALE	525	645
GRAY CLAY W/SAND STKS	18	28	HARD SHALE	645	702
ROCK	28	28	LIMESTONE & SHALE STKS	702	1260
GRAY CLAY	28	157	SHALE	1260	1490
ROCK	157	157	GRAY CLAY	1490	1540
GRAY CLAY	157	171	SANDY SHALE	1540	1672
ROCK	171	171	SHALE & SAND STREAKS	1672	1773
GRAY CLAY	171	275	ROCKS	1773	1783
SANDY GRAY CLAY	275	335	SANDY SHALE	1783	1790
SHALE	335	476	HARD SHALE	1790	1853
			SAND & GRAVEL	1853	1883
			HARD SHALE	1883	1926
			SANDY SHALE	1926	1950
			SAND & GRAVEL	1950	2035