

Coded By Q 1/89  
Checked By \_\_\_\_\_  
Entered By JL 11/89  
Date \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 81  
County ATTALA  
Agency \_\_\_\_\_

Well No. P24  
1700

WELL RECORD

Agency Code <u>U S G S</u>	Site Id <u>1431301012171018195102131011</u>	Project No. <u>5</u>
Station Name <u>12 P101214 CHARLES B MARRELL</u>	Latitude <u>931310102171</u>	Longitude <u>10401819157012131</u>
Lat/Long Ac. <u>11 SF T M</u>	Dist <u>6=28</u>	State <u>7=28</u>
County <u>8 01017</u>	NE NE and Net <u>13 S E S W S O 11 T 11 3 N R 10 4 E 1</u>	100 yds S of Mt Pleasant Church 15' w of house
Location Map <u>14 D U R A W I T</u>	Altitude <u>16 2189</u>	Met/Meas <u>17 A L M</u>
	Accuracy <u>18 1 15</u>	Hydrologic Unit <u>20 01810161021011</u>

Agency Use <u>803 A I O</u>	Date Inventoried <u>711 016 / 11 21 / 11 9 89</u>	Station Type <u>Y</u>	Data Type <u>804</u>
Instru. <u>805</u>	Remarks <u>806</u>	Relia. <u>3 C L M U</u>	<u>2 W X</u>

Date of Construction <u>21 016 / 11 21 / 11 9 89</u>	Well Use <u>23 W</u>	Water Use <u>24 H</u>	Primary Aquifer <u>714 11 21 4 M U W X</u>	Hole Depth <u>27 17174</u>
Well Depth <u>28 171281</u>	Water Level <u>30 1601</u>	Water Level Date <u>31 016 / 12 21 / 11 9 89</u>	Method <u>34 1</u>	Status <u>37 1</u>
			Source <u>33 D</u>	

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date <u>60 016 / 12 21 / 11 9 89</u>	Contractor <u>63 0185</u>	Name <u>Jack Martin</u>	Method <u>65 H</u>	Finish <u>66 S</u>
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing <u>77 11 101</u>	Bot/Casing <u>78 13114</u>	Diameter <u>79 14</u>
R=76	T=A	725#2	59#1	Top/Casing <u>77 13114</u>	Bot/Casing <u>78 16199</u>	Diameter <u>79 12</u>

R=76\* T=A\* 725#3\* 59#1\*  
77#705\* 78=718\* 79#2\*

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth <u>83 16195</u>	Bot/Depth <u>84 17105</u>	Diameter <u>87 12</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88 101081</u>
R=82	T=A	726#2	59#1	Top/Depth <u>83 17118</u>	Bot/Depth <u>84 17218</u>	Diameter <u>87 12</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88 101081</u>

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type <u>43 S</u>	Date <u>38 016 / 12 21 / 11 9 89</u>	Intake <u>44 11101</u>
Power <u>45 E</u>	H.P. <u>46</u>	Serial No. <u>49</u>			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	159 <u>016 / 12 21 / 11 9 89</u>	Owner Name <u>161 C B U R R E L L</u>
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190 01811</u>	Assigner <u>191 M I S S I S S I D I S T</u>
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MISCELLANEOUS QM DATA

R=192	T=A	738#1	Date of Measurement 1934 / /	Aquifer Sampled 195	Temp 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934 / /	Aquifer Sampled 195	Sp Cond 196#00095	Value 197
R=192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 195	pH 196#00400	Value 197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Beq. Depth 200-13114	End Depth 201-17521
R=198	T=A	739#1	Log Type 199#D	Beq. Depth 200-1101	End Depth 201-1774

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115	End Year 116	Agency Source 120=A 117#	Freq. 118
R=121	T=A	730#2	Beg. Year 115	End Year 116	Agency Source 117#	Freq. 118

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 / /	Remarks 185
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148-016/1221/11989	Type 1703 P	Discharge 150-1113	Sp. Capacity 272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91-16951	Depth Bot. 92-11114	Unit Id 93-12HMYUNX	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100-11111	103
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Clay	0	15	Hard Rock 20"	632	
Sand + Pink Clay	15	28	Pipe Clay	432	440
Black Mud	28	59	Rock 18"	442	
Sand	59	155	Fine Green Sand	448	460
Mud	155	225	Coarse Green Sand	460	488
Sand	225	255	Mud	488	520
Coarse Sand	255	266	Scattered Rock	520	650
Tough Mud	266	318	Mud	650	695
Rock 8"	318		Coarse Sand + Drilling	695	706
Tough Mud	318	420	Mud	706	718
Soft Mud + Rock layers	420	430			
			Sand	718	730
			Mud	730	733
			Sand	733	736
			Mud	736	746
			Mud + Sand Scattered	746	774