

Coded By Q 589
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Date 7-20-89

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 90
County LAUDERDALE
Agency [Blank]

Well No. 87
TEX
2350

WELL RECORD

Agency Code <u>U S G S</u>		Site Id <u>1432116157101818130151011</u>				Project No. <u>5</u>			
Station Name <u>12 T101871 LLOWIG CREEK W IA</u>						Latitude <u>94321161571</u>		Longitude <u>104018181314501</u>	
Lat/Long Ac. <u>11 S(F) T M</u>		Dist <u>6=28</u>	State <u>7=28</u>	County <u>8=0715</u>	Land Net <u>13 NE1/4 S1131 T15 N1 R117 E2</u>				
Location Map <u>14 N11 W1112121</u>				Altitude <u>16 5316</u>		Met/Meas <u>17 A (M)</u>	Accuracy <u>18 15</u>	Hydrologic Unit <u>20 013117d d d z</u>	
Agency Use <u>803 A I (O)</u>		Date Inventoried <u>711015/081/1191891</u>		Station Type <u>[Blank]</u>		Data Type <u>804</u>			
Instru. <u>305</u>	Remarks <u>806</u>				Relia. <u>3 (C) L M U</u>		<u>2 (W) X</u>		
Date of Construction <u>21 015/10181/1191891</u>		Well Use <u>23 T</u>	Water Use <u>24 W</u>	Primary Aquifer <u>714 1124 WLCXMI</u>		Hole Depth <u>27 1719</u>			
Well Depth <u>28 161901</u>	Water Level <u>30 219101</u>	Water Level Date <u>31 05/10181/1191891</u>		Method <u>34</u>	Status <u>37</u>	Source <u>33 D</u>			

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date <u>60 05/1019/1191891</u>		Contractor <u>63 01081</u>	Name <u>McDonogh</u>	Method <u>65 H</u>	Finish <u>66 C</u>
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CONSTRUCTION CASING DATA

F=76	T=A	725#1	59#1	Top/Casing <u>77 11101</u>	Bot/Casing <u>78 15719</u>	Diameter <u>79 14</u>
R=76	T=A	725#2	59#1	Top/Casing <u>77 15719</u>	Bot/Casing <u>78 16101</u>	Diameter <u>79 12 15</u>

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth <u>83 16101</u>	Bot/Depth <u>84 16191</u>	Diameter <u>87 12 15</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88 10181</u>
R=82	T=A	726#2	59#1	Top/Depth <u>83</u>	Bot/Depth <u>84</u>	Diameter <u>87</u>	Type <u>85</u>	Length <u>89</u>	Width <u>88</u>

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type <u>43 S</u>	Date <u>38 05/10181/1191891</u>	Intake <u>44 13157</u>
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Power <u>45 E</u>	H.P. <u>46 15</u>	Serial No. <u>49</u>
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MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership <u>159 05/10181/1191891</u>		Owner Name <u>161 LLOWIG CREEK W IA</u>			
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190 01910</u>	Assigner <u>191 M I S S I D I S T</u>				
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MISCELLANEOUS QW 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 *	Beg. Depth 200 / / 8 / *	End Depth 201 / 175 / *
R=198	T=A	739#2	Log Type 199#D *	Beg. Depth 200 / / 10 / *	End Depth 201 / 175 / *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115 / 9 / *	End Year 116 / 9 / *	Agency Source 120=A 117# / / / / *	Freq. 118 / / *
R=121	T=A	730#2	Beg. Year 115 / 9 / *	End Year 116 / 9 / *	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 / 15 / 10 / 8 / 1 / 19 / 99 / *	Type 703#P	Discharge 150 / / 150 / *	Sp. Capacity 272 / / / / *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 / 164 / 5 / *	Depth Bot. 92 / 169 / 10 / *	Unit Id 93 / 112 / 4 / W / L / C / K / M / *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 / / / / / / / / *	103 / / *
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(1 mile SW of ...)

Assoc. Const Meridian
Jim White

(was not able to measure drawdown)

Test well 4x2 1/2
690' T: 72°F

35 gpm

Lab pH = 8.3

Alk = 140

Fe = 0.1

CO2 = 2

Mg = .0419

Hard = 20

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
COURSE Red SAND	0	10	SANDY SHALE st SAND/rock	430	478
CLAY w st SAND	10	118	Rock	478	480
Shale	118	130	SAND	480	528
SANDY shale	130	150	Rock	528	530
FINE SAND	150	161	SAND st SHALE	530	590
SHALE, Rock st Lig	161	245	FINE SAND st SHALE	590	650
FINE SAND	245	260	SAND	650	690
SANDY shale st Rock	260	320	SAND st SHALE	690	750
SHALE w st SAND/rock	320	410			
FINE SAND	410	428			
Rock	428	430			

IF MORE SPACE IS NEEDED, USE BACK