

TRANSMITTED FOR ADP

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U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

Well No. C54
 E-Log No. 89
 County LAUDERDALE
 Agency _____

WELL RECORD

Agency Code <u>U S G S</u>	Site Id <u>132331140181316591011</u>	Project No. <u>54 </u>
Station Name <u>12-CP1514 MI BI NAVY </u>		Latitude <u>9-3233114</u>
		Longitude <u>10-01813161571</u>
Lat/Long Ac. <u>11-9 F T M</u>	Dist <u>6-28</u>	State <u>7-28</u>
County <u>8-0115</u>	SE Land Net <u>13-51E1W1S112M0181N1R1161E1</u>	
Location Map <u>14-1 LAUDERDALE </u>	Altitude <u>16-218101</u>	Met/Meas <u>17- A L M</u>
	Accuracy <u>18- 15.1</u>	Hydrologic Unit <u>20- 0131161021021</u>

Agency Use <u>803- A I 0</u>	Date Invented <u>711-101/1011/11918171</u>	Station Type <u> Y</u>	Data Type <u>804- </u>
Instru. <u>805- 806- </u>	Remarks <u> </u>	Relia. <u>3- C L M U</u>	<input checked="" type="checkbox"/> 2=W

Date of Construction <u>21-151/1091/11718181</u>	Well Use <u>23- </u>	Water Use <u>24- </u>	Primary Aquifer <u>714-1241W1L1C1X1</u>	Hole Depth <u>27- 1219101</u>
Well Depth <u>28- 121231</u>	Water Level <u>30- 1414</u>	Water Level Date <u>31-151/1091/11918181</u>	Method <u>34- </u>	Status <u>37- </u>
Source <u>33- </u>				

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date <u>60-151/1091/11718181</u>	Contractor <u>63-11814</u>	Name <u>Griner</u>	Method <u>65- </u>	Finish <u>66- </u>
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CONSTRUCTION CASING DATA

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

CONSTRUCTION OPENINGS DATA

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>
R=82	T=A	726#2	59#1	<u>83- </u>	<u>84- </u>	<u>87- </u>	<u>85- </u>	<u>89- </u>	<u>88- </u>

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type <u>43- </u>	Date <u>38-151/1091/11918181</u>	Intake <u>44- </u>
Power <u>45- </u>	H.P. <u>46- </u>	Serial No. <u>49- 8181-12101619131 </u>			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership <u>159-151/1091/11918181</u>	Owner Name <u>161- U S NAVY </u>
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190- </u>	Assigner <u>191- M I S S O I S T </u>
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Well #1 replacement

MISCELLANEOUS QM DATA

R=192	T=A	738#1	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00095	Value 197
R=192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00400	Value 197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199	Beg. Depth 200	End Depth 201
R=198	T=A	739#1	Log Type 199	Beg. Depth 200	End Depth 201

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Network Type 706	Beg. Year 115	End Year 116
R=121	T=A	730#1	Analysis 120	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	147#1	148	151 / 109 / 119 8 8	703 (P) F	150	16	14	272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91	Depth Bot. 92	Unit Id 93	304 = P *
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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GRINER DRILLING SERVICE, INC.

TELEPHONE 801-736-6347
POST OFFICE DRAWER 825
COLUMBIA, MISS. 39429

PAGE

FORMATION LOG FOR NAVAL AIR STATION

ADDRESS WELL NO. 1 (Re: 02734, Per. 1, 2, 3 and

TEST HOLE NO. 1 TEST HOLE LOCATION SE/4 SE/4 NW/4 SEC. 12 T8N. R16E

FORMATION AND TEST HOLE INFORMATION

GDS E-LOG

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
2	2	TOP SOIL
40	38	CLAY
80	40	CLAY AND STREAKS OF SAND
108	28	SAND
120	12	CLAY
150	30	SAND
160	10	CLAY
224	64	SAND WITH SMALL AMOUNT OF MICA
244	20	CLAY
268	24	SAND
280	12	CLAY AND SAND STREAKS WITH SOLID LIGNITE

HYDRAULICS FORM

SITE ID 3233-14088365901

Well No. C054

Co. LAUDERDALE

- 146) Discharge Data (A, M, D) ---
- 147) RECORD SEQUENCE NO. ---
- 148) DATE DISCHARGE MEASURED 5/9/88
- 703) TYPE OF DISCHARGE ---
- 150) DISCHARGE 614
- 272) Specific Capacity 42.86 gpm/ft

- 98) Hydraulic Data (A, M, D) ---
- 790) RECORD SEQUENCE NO. ---
- 100) HYDRAULIC UNIT IC 124 WLCXL
- 101) Depth to Top of Interval 123
- 102) Depth to Bottom of Interval 223
- 103) HYDRAULIC UNIT TYPE A
- 104) Remarks -----
- 305) hydraulic Source Agency -----

- 105) Coefficients (A, M, D) ---
- 106) RECORD SEQUENCE NO. ---
- 99) SEQUENCE NO. OF PARENT RECORD ---
- 107) Transmissivity (Integer) 21700
- 108) Horizontal Conductivity 217
- 109) Vertical Conductivity -----
- 110) Storage Coefficient -----
- 111) Leakance -----
- 112) Diffusivity -----
- 113) Specific Storage -----
- 271) Barometric Efficiency -----
- 306) Porosity -----