

Coded By Q 3190
 Checked By 8-7-91
 Entered By 116
 Date 87-08-91

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 91 Well No. C55
 County LAUDERDALE
 Agency

WELL RECORD

Agency Code: U S G S Site Id: 1323110608842191011 Project No.: 5

Station Name: 121055 IN LAUDERDALE WIA Latitude: 9312311016 Longitude: 10408181421191

Lat/Long Ac.: 11 S F T M Dist: 6=28 State: 7=28 County: 8 0715 SW Land Net: 13 S E S W S L I T I O I 8 N R 1 1 6 E 2

Location Map: 14= DIALEM 144E Altitude: 164914 Met/Meas: 17 A L N Accuracy: 18 1 5 Hydrologic Unit: 20= 103116101210121

Agency Use: 803 A 10 Date Inventoried: 711 / / / / / / / / Station Type: J Y Data Type: 804

Instru.: 805 Remarks: 806 Relia.: 3 C L M U 2 W X

Date of Construction: 21 04 / 12 11 / 19 89 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 1 24 W L C X L 4 Hole Depth: 27 17 15

Well Depth: 28 16 50 Water Level: 30 2 14 Water Level Date: 31 3 6 / 10 11 / 19 90 Method: 34 Status: 37 Source: 33 11

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60 01 6 / 10 11 / 19 90 Contractor Name: Layne Method: 65 A Finish: 66 6

CONSTRUCTION CASING DATA

R	T	ID	Top/Casing	Bot/Casing	Diameter
R=76	T=A	725#1	59#1 77 11 10	78 5 25	79 11 21
R=76	T=A	725#2	59#1 77 4 10	78 5 30	79 1 8

R=76*T=A* 725#3 59#1
 77# 560.* 78=620.* 79#9.*

CONSTRUCTION OPENINGS DATA

R	T	ID	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=82	T=A	726#1	59#1 83 15 30	84 15 60	87 18	85 S	89	88
R=82	T=A	726#2	59#1 83 6 20	84 6 50	87 18	85 S	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43 T Date: 38 9 6 / 10 11 / 19 90 Intake: 44

Power: 45 E H.P.: 46 175 Serial No.: 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159 0 6 / 10 11 / 19 90 Owner Name: 161 N LAUDERDALE WIA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No.: 190 9 11 Assigner: 191 M I S S I D I S T

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 1994E *	Beg. Depth 200 / / 120 / *	End Depth 201 / / 171 / 5 / *
R=198	T=A	739#1	Log Type 1994D *	Beg. Depth 200 / / 10 / *	End Depth 201 / / 171 / 5 / *

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 / 0 / 6 / 1 / 1 / 1 / 9 / 9 / 10 / *	Type 703 (P) F	Discharge 150 / / 160 / 10 / / *	Sp. Capacity 272 / / / / / *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 / 1505 / *	Depth Bot. 92 / 1583 / *	Unit Id 93 / 1214 / W / L / C / X / L / *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 / / / / / / / / *	103 / / *
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Well #6

53' dd e 600gpm

Fe = 3.5

Co2 = 100

pH = 6.1

description of formations encountered	from	to
Red Clay	0	15
Black Clay	15	30
Sand	30	35
Clay	35	38
Hard Shale	220	28
Sandy Shale	283	385
Sand + Lignite	387	407
Clay	407	415
Sand	415	495
Shale	495	505
Sand	505	583
Clay	583	613
Sand	613	655
Clay Sand streaks	652	715