

Coded By Q 12/97
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 Date 12/97

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 109 Well No. N137
 County LAUDERDALE
 Agency LAUDERDALE

WELL RECORD

Agency Code U S I G S Site Id 13211851101883171010111 Project No. 54

Station Name 12 N137 LONG OK W IA Latitude 3218511 Longitude 101018317101

Lat/Long Ec. 13 S F W Dist 5=28 State 7=28 County 2=0175 Land Net 13 S I E S W S I B I G T O K I N I R I I I 1 6 1 F 2

Location Map 10 M I M V I L U E L Altitude 16=5201 Met/Meas 17= A L Accuracy 18= 1 5 Hydrologic Unit 20= 1031171010102

Agency Use 303= A I Date Inventoried 711= / / Station Type 4 Data Type 804=

Inserts 305= 306= Remarks 3= C L M Relia. 2=9

Date of Construction 21= 10 / 11 / 97 Well Use 23= W Water Use 24= P I Primary Aquifer 71= 1214 W I L C I X I U Hole Depth 27= 1950

Well Depth 25= 945 Water Level 30= 295 Water Level Date 31= 10 / 15 / 1997 Method 34= 1 Status 37= 1 Source 33= D

CONSTRUCTION DATA

Construction Date 60= 10 / 11 / 97 Contractor 53= 0164 Name LAYNE Method 65= H Finish 66= G

CONSTRUCTION CASING DATA

R=	T=A	Top/Casing	Bot/Casing	Diameter
76	725#2	59#2	77# 19	78# 18 1/4
76	725#2	59#2	77# 1790	78# 18 1/4

CONSTRUCTION OPENINGS DATA

R=	T=A	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	726#2	59#2	83# 1895	84# 945	87# 81	88# 9	89# 1012101
82	726#2	59#2	83#	84#	87#	88#	89#

CONSTRUCTION LIFT DATA

R=42 T=A 254#2 Lift Type 43# 1 Date 38# 10 / 11 / 97 Intake 34# 142101

Power 45# 1 H.P. 46# 175 Serial No. 49#

MISCELLANEOUS OWNER DATA

Date of Ownership 719# 1 Owner Name 161# LONG OK W IA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190# 109 Assigment 191# M I S S I D I S I

MISCELLANEOUS DW DATA

R=192	T=A	738#1	Date of Measurement 1954 / /	Aquifer Sampled 1954	Temp 196700010	Value 1974
R=192	T=A	738#2	Date of Measurement 1954 / /	Aquifer Sampled 1954	So Cond 196700095	Value 1974
R=192	T=A	738#3	Date of Measurement 1954 / /	Aquifer Sampled 1954	pH 196700400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200# 140#	End Depth 201# 9150#
R=198	T=A	739#2	Log Type 199#D	Sec. Depth 200# 10#	End Depth 201# 9150#

MISCELLANEOUS NETWORK DATA $T_{106} = Q_w WL W_D \times$

R=114	T=A	730#1	Sec. Year 1154 9	End Year 1164 2 9	Agency Source 120#A	Freq. 1164 -
R=121	T=A	730#2	Sec. Year 1154 9	End Year 1164 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# 10 11 5 11 9 9 7	Type 783#A	Discharge 150# 100#	Sp. Capacity 273#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 8715#	Depth Bot. 92#	Unit Id 93# 1214W4C#1	304#
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HYDRAULIC DATA

R=72	T=A	790#1	Unit Tested 100#	103#
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand	0	35	Rock	610	612
Clay/Streaks of Sand	35	110	Shale	612	665
Clay	110	230	Rock	665	668
Sand & Shale	230	310	Hard Shale	668	745
Black Clay	310	400	Shale	745	875
Rock	400	403	Fine Sand/Streaks		
Shale	403	495	of Shale	875	950
/Fine Sand	495	580			
Shale	580	610			