

Coded By Q 4/99  
 Checked By JAY 04-02-99  
 Entered By JAY 04-02-99  
 Date 4/99

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 64  
 County DESOTO  
 Agency \_\_\_\_\_

Well No. F103

WELL RECORD

Agency Code U I S I G S Site Id 3456330900053011 Project No. 5

Station Name F103 HORN LAKE W A Latitude 345633 Longitude 1091010053

Lat/Long Ac. S F T M Dist 6=28 State 7=28 County 8=033 Land Net. 13 SWNE 1/4 21 T10 24 S1 R10 18 W x I

Location Map 14= HORN LK Altitude 16=340 Met/Meas 17= A U Accuracy 18= 15 Hydrologic Unit 20= 018101102111

29B

Agency Use 803= A I Date Inventoried 711= / / Station Type 4 Data Type 804=

Instru. 905= Remarks 806= Relia. 3= C L M U 2= W X

Date of Construction 21= 93 / 11 / 1978 Well Use 23= W Water Use 24= P Primary Aquifer 714= 1245PRT Hole Depth 27= 16109

Well Depth 28= 481 Water Level 30= Water Level Date 31= / / Method 34= Status 37= Source 33=

CONSTRUCTION DATA

Construction Date 60= 05 / 11 / 1998 Contractor 63= 0164 Name LAYNE Method 65= H Finish 66= G

CONSTRUCTION CASING DATA

R=	T=	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1	77# 11 10
76	A	725#2	59#1	77# 35 11

CONSTRUCTION OPENINGS DATA

R=	T=	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83# 11 20	84# 11 81	87# 11 0	85# S
82	A	726#2	59#1	83#	84#	87#	85#

CONSTRUCTION LIFT DATA

Lift Type 43= Date 38= 05 / 11 / 1998 Intake 44= 1190

Power 45= E H.P. 46= 75 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 05 / 11 / 1998 Owner Name 161= HORN LAKE W A

MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 0164 Assigner 191= M I S S 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 199#E	Beq. Depth 200# / / / / / .	End Depth 201# 6107 / .
R=198	T=A	739#1	Log Type 199#D	Beq. Depth 200# / / / / / .	End Depth 201# 6109 / .

MISCELLANEOUS NETWORK DATA 706 = Qw WL WD \*

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 05/14/1998	Remarks 185# MSGW 15280
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 05/14/1999	Type 703# P	Discharge 150# 11013 / .	So. Capacity 272# 50 / .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 3190 / .	Depth Bot. 92# 1489 / .	Unit Id 154=126. * 155=D k 93# 124SPRIT / .	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / / .	103# / .
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R=234 \* T=A \* 235# 05/14/1998 \* 243 = L \*

(20' dd @ 1013 gpm) 237=126. \*

Great Oaks location

14	14	Top Soil
52	38	Sand Gravel
55	3	White Clay
58	3	Sand & Clay Str
63	5	Sand
78	15	Hard Clay
116	38	Hard Clay & Sand Str
219	103	Shale & Sandy Str
220	1	Rock
232	12	Shale Lignite
264	32	Sandy Shale & Lignite
284	20	Fine Sand & Clay Str & Lig
342	58	Med Sand & Clay Str
348	6	Sand & Clay Str
393	45	Med Sand & Clay Str & Lig
420	27	Fine Sand & Clay Str
530	110	Med Sand & Clay Str & Lig
557	27	Fine Sandy Clay
609	52	Fine Sand & Clay Str