

Coded By 0692
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 Date 1/23/93

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 146 Well No. B39
 County PEARL RIVER
 Agency PEARL RIVER

WELL RECORD

Agency Code U S I G I S Site Id 13056020893326011 Project No. 5

Station Name 12 B0391 N LUMBERTON W IA Latitude 93056021 Longitude 100893326

Lat/Long Ac. 11 S T M Dist 6=28 State 7=28 County 8=1091 Land Net 13 SWNW S 25 T 01 S R 116 W

Location Map 14 01 N I S I B W R K Altitude 16 3601 Met/Meas 17 A L M Accuracy 18 11101 Hydrologic Unit 20 03171010171

Agency Use 903 A 0 Date Inventoried 711 Station Type 4 Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M 2=H X

Date of Construction 21 05 / 11 31 / 11 99 12 Well Use 23 W Water Use 24 P Primary Aquifer 714 22 M O C N Hole Depth 27 11 31 101

Well Depth 28 11 93 Water Level 30 24 44 Water Level Date 31 06 / 11 6 / 11 99 12 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 60 06 / 11 6 / 11 99 12 Contractor 63 O K H 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 01
76	A	725#2	59#1	77 9 10 11
76	A	725#1	59#1	78 9 16 11
76	A	725#2	59#1	78 9 16 8
76	A	725#1	59#1	79 11 01
76	A	725#2	59#1	79 11 6

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83 9 16 8	84 9 9 31	87 16	85 S
82	A	726#2	59#1	83	84	87	85

CONSTRUCTION LIFT DATA

Power 45 F H.P. 46 150 Serial No. 49

Lift Type 43 H Date 38 06 / 11 6 / 11 99 12 Intake 44 13 11

MISCELLANEOUS OWNER DATA

Date of Ownership 159 06 / 11 6 / 11 99 12 Owner Name 161 N LUMBERTON W IA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 146 Assigner 191 M I S S I D I S I T

R=199 T=A 736#1

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# .	-So Cond 196#00095	Value 197# .
R=192	T=A	738#3	Date of Measurement 1934 / / .	Aquifer Sampled 195# .	pH 196#00000	Value 197# .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199# E	Beg. Depth 200# 110 .	End Depth 201# 131 10 .
R=198	T=A	739#1	Log Type 199# D	Beg. Depth 200# 10 .	End Depth 201# 109 .

MISCELLANEOUS NETWORK DATA 706 = Qw WL WD *

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=185	T=A	311#1	Date of Remarks 184# 06 116 199 2 .	Remarks 185# MSGW 13801
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 016 119 199 2 .	Type 703# P	Discharge @ 60# 150# 1250 .	Sp. Capacity 272# 17 .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 120 .	Depth Bot. 92# 1210 .	Unit Id 93# 121 121 .	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# .	103# .
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
RED SAND	0'	20'
Clay	0'	20'
SAND + GRAVEL	20'	117'
Yellow clay	117'	185'
SAND	185'	210'
Clay	210'	345'
SAND + Clay STRUG	345'	400'
SAND + Pea GRAVEL	400'	480'
SAND / GRAVEL / CLAY	480'	600'
Shale + Sand STRUG	600'	675'
Rock	675'	676'
SAND / Pea GRAVEL / CLAY	676'	720'
SAND / Clay STRUG	720'	740'
Clay / FINE SAND STRUG	740'	815'
Clay	815'	882'
FINE SAND	882'	902'
Clay	902'	946'
SAND + Clay STRUG	946'	993'
Clay	993'	1045'
Sandy Clay	1045'	1055'
SAND	1055'	1085'
SAND + Clay STRUG	1085'	1100'
SAND	1100'	1189'
FINE SAND + Clay STRUG	1189'	1253'
SAND + Clay STRUG	1253'	1282'
Clay	1282'	1309'

Test well 970-990' 35' dd @ 250gpm 24hrs
 WL = 250'
~~30' dd @ 250gpm~~
 High Manganese .131
 Fe < 0.1