

015007-11 GW15248

Coded by Q12/97  
Checked by JTB 11-23-99  
Entered by JTB  
Date 11/99

replaced Q21  
U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 356 Well No. Q25  
County Copiah  
Agency

Shady Grove Quad

Agency Code U S G S Site ID 1= 315140090203301 5= Project No.  
Station Name 12= Q025 HAZLEHURST Latitude

10= 0902033 11= F 35= M 36= NAD27 6= 28 7= 28 8= 029  
9= 315140  
Land Net Location S=GPS, F=5 sec, T=10 sec, M=+1 min, b=+1 min

13= SE SW SW 206 T I O N R O 9 E Meridian MU  
Location Map I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington

14= HAZLEHURST Altitude 410.0 Accuracy Method Meas. 17= M  
16= 453. 18= 5  
A=Altimeter, L=Surveying, M=TopoMap, b=Unknown

22= NGVD29 20= 03180003 19= 803= A I O 711= Date Invented

802= Data Type Gr. Time Loc. Time Web-R Reliability Date of Construction  
804= A I O 813= -06 814= Y 32= 3= C L M U 2= W X 21= 11-10-1997

Well Use Water Use Primary Aquifer MOCN Hole Depth Well Depth  
23= W 24= P 714= 122 C T H L 27= 320. 28= 312.

CONSTRUCTION DATA Construction Date Contractor Name Method Finish  
R=58 T=A 723#1 60= 11-13-1997 63= 064 Name Layne 65= H 66= G

CONSTRUCTION CASING DATA Top/Casing Bottom/Casing Diameter  
R=76 T=A 725#1 59#1 77= 0. 78= 263. 79= 20.  
R=76 T=A 725#2 59#1 77= 0. 78= 272. 79= 12.

CONSTRUCTION OPENINGS DATA Top/Depth Bottom/Depth Diameter Type Length Width  
R=82 T=A 726#1 59#1 83= 272. 84= 312. 87= 12. 85= S 89= 88= 020.  
R=82 T=A 726#2 59#1 83= 84= 67= 85= 89= 88=

CONSTRUCTION LIFT DATA Lift Type Date Intake  
R=42 T=A 254#1 43= T Date 11-13-1997 Intake 44= 240  
Power H.P. Serial No.  
45= E 46= 50. 49=

MISCELLANEOUS OWNR DATA Date of Ownership Owner Name  
R=158 T=A 718#1 159= 11-13-1997  
161= HAZLEHURST

MISCELLANEOUS OTHER ID DATA E-Log No. Assigner  
R=189 T=A 736#1 190= 356 191= M I S S D I S T

MISCELLANEOUS LOGS DATA Log Type Beg. Depth End Depth  
R=198 T=A 739#1 199= D 200= 0. 201= 320.  
R=198 T=A 739#2 199= 200= 201=

3/19/02  
RLB/DC

MISCELLANEOUS NETWORK DATA 706=QW,WL,WD

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184=	11-13-1997	Remarks	185=	MSGW 15248
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148=	11-13-1997	Type	703=	P F	Discharge	150=	682.0
Meth. Dis.	152=	Static Water Level	154=	Source WL	155=	Sp. Capacity	272=					

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91=	265.0	Depth Bottom	92=	315.0	Unit ID	93=	122CTHL	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100=		103=
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HISTORICAL WATER LEVEL DATA

R=234	T=A	235=	Date	11-13-1997	Water Level	237=	160.0	Source	243=L	239=	D
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(replaced well 4G)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Sandy Clay	0	40
Clay	40	145
Sand w/Clay Streaks	145	190
Clay	190	265
Sand	265	317
Clay	317	320

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Copiah</b>	WELL NUMBER <b>11</b>	CODED <b>25</b>	PERMIT NUMBER <b>MSGW-15248</b>
<b>Replaced 4G</b>	NAME OF DRILLING FIRM <b>Layne-Central</b>		
DATE WELL COMPLETED <b>11/13/97</b>	JACKSON, MS		

NAME & MAILING ADDRESS OF LANDOWNER  
**City of Hazlehurst**

**PO Box 367**

**Hazlehurst, MS 39083**

WELL LOCATION <b>SW SW</b>	SEC <b>6</b>	TOWNSHIP <b>10 N</b>	RANGE <b>9 E</b>
DISTANCE Miles _____ of _____	DIRECTION <b>S W</b>		NEAREST TOWN

OTHER LANDMARK **Shady Grove Well Field**  
**50' from abandoned Well #4G**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Municipal**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P **50**

Pump Capacity (GPM) <b>682</b>	No. of Stages <b>6</b>	Setting Depth <b>240</b> FT.
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PUMP TEST

Well yielded **682** GPM with  
a drawdown of **28** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>312'</b>	Casing Diameter (In.) <b>20"</b>	Casing Length (Ft.) <b>263</b>
Type of Casing <b>Steel w/epoxy</b>	Hole Depth <b>312'</b>	Depth to Static Water Level <b>160'</b>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) **PVC Lap to Surface**

WELL GROUTED TO A DEPTH OF **263 FEET**  
Type Grout (circle one): **Cement, Bentonite, or Mix**

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**Layne-Central, Jackson, MS**

**SCREEN DATA**

Diameter - Inches <b>12</b>	Length - Feet <b>40</b>	Slot Size - Inches <b>0.020</b>
Screen Type <b>Stainless</b>	Depth to Bottom - Feet <b>312</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

Top of Lap Pipe or Reduction in Casing  
**Lap to Surface FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Sandy Clay</b>	<b>0</b>	<b>40</b>			
<b>Clay</b>	<b>40</b>	<b>145</b>			
<b>Sand w/Clay Streaks</b>	<b>145</b>	<b>190</b>			
<b>Clay</b>	<b>190</b>	<b>265</b>			
<b>Sand</b>	<b>265</b>	<b>317</b>			
<b>Clay</b>	<b>317</b>	<b>320</b>	<b>03-25-98A09:22</b>	<b>RCVD</b>	

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
 sketch and show depths

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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If more than one screen,  
 show location of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LIAR/DKB DATE: 6/16/94  
UNIT DEQ #: 82859 FILE #: A061614Q  
HEALTH DEPT. #: 150007-08 & -11 ELEV. 440  
USGS #: Q-21/Q25 OLWR #: GW-8210 AB / <sup>GW-</sup>15248  
OWNER: Hazlehurst, Town of  
LOCATION: SE/SW/SW S 7 T 10N R 9E COUNTY: Copiah  
LOCATION DESCRIPTION: go .2 miles E. on gravel drive, well  
on N. side, IN FENCED AREA  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine / 40  
GPS FIELD LOCATION: LAT. 31-51-43 LONG. 90-20-33  
GPS CORRECTED LOCATION: LAT. 31.5142.827 LONG. 90.20.34.454  
REMARKS: .6 mile S on <sup>31.861896</sup> 472E <sup>90.342904</sup> Left side of road off  
Shady Grove Road

Shady Grove  
Hazlehurst Quad  
Q25 is the -11 well  
Q21 is the -08 well  
using same lat/long for both

Q21 was abandoned.  
I think the -08 tag  
was moved to Q25.

Redone 3/19/02 RLB/DC

-08 31.86196 90.34293      -11 31.86180 90.34308

