

6W14449
0450009-02

Coded By D 5194
Checked By GRB 12-12-94
Entered By TJF
Date 12/94

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 391
County MADISON
Agency

Well No. V67

229A

WELL RECORD

~~Ridgeland~~
Ridgeland
Quadr

Agency Code U1S1G1S	Site Id 13121215721210191011213151011	Project No. 51
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Station Name 12= <u>V01471 LIVINGSTON RIDGELAND</u>	Latitude 9= <u>31215121</u>	Longitude 10= <u>019101213151</u>
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Lat/Long Ac. 11= <u>S F T M</u>	Disc 6= <u>28</u>	State 7= <u>28</u>	County 8= <u>0819</u>	SE NE Land Neg 13= <u>1 NW 1/4 28 T 01 N R 10 1 E 2</u>
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Location Map 14= <u>R1 RIDGELAND</u>	Altitude <u>406</u> 16= <u>406</u>	Mer./Meas 17= <u>A L M</u>	Accuracy 18= <u>151</u>	Hydrologic Unit 20= <u>019016101210121</u>
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Agency Use 803= <u>A D</u>	Date Inventoried 711=	Station Type 4 Y	Data Type 804=
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Instru. 805=	Remarks 806=	Relia. 3= <u>C L M D</u>	<u>2-W X</u>
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Date of Construction 21= <u>0121/1061/119914</u>	Well Use 23= <u>W</u>	Water Use 24= <u>P</u>	Primary Aquifer 714= <u>124 CCKFI</u>	Hole Depth 27= <u>181291</u>
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Well Depth 28= <u>1744</u>	Water Level 30= <u>12814.8</u>	Water Level Date 31= <u>1101/1201/119914</u>	Method 34= <u>1</u>	Status 37= <u>1</u>	Source 33= <u>D</u>
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CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date 60= <u>10/20/119914</u>	Contractor 63= <u>01614</u>	Name <u>Layne</u>	Method 65= <u>H</u>	Finish 66= <u>G</u>
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing 77= <u>1101</u>	Bot/Casing 78= <u>161451</u>	Diameter 79= <u>181</u>
R=76	T=A	725#2	59#1	Top/Casing 77= <u>161431</u>	Bot/Casing 78= <u>171041</u>	Diameter 79= <u>141</u>

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth 83= <u>171041</u>	Bot/Depth 84= <u>171441</u>	Diameter 87= <u>141</u>	Type 85= <u>S</u>	Length 89=	Width 88= <u>101101</u>
R=82	T=A	726#2	59#1	Top/Depth 83=	Bot/Depth 84=	Diameter 87=	Type 85=	Length 89=	Width 88=

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type 43= <u>S</u>	Date 38= <u>10/1201/119914</u>	Intake 44= <u>131601</u>
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Power 45= <u>F1</u>	H.P. 46= <u>30</u>	Serial No. 49=
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MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership 159= <u>10/20/119914</u>	Owner Name 161= <u>LIVINGSTON RIDGELAND</u>
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MISCELLANEOUS OTHER ID DATA

E-Log No. <u>291</u>	Assigner <u></u>
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196#00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	So Cond	196#00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196#00400	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Seq. Depth	200#	End Depth	201# 1798
R=198	T=A	739#1	Log Type	199#D	Seq. Depth	200#	End Depth	201# 1829

MISCELLANEOUS NETWORK DATA

106 = QW WL WD *

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184# 10 120 11994	Remarks	185# MSGW 144#9
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 10 120 11994	Type	703#(P)E	Discharge	150# 1148	So. Capacity	272# 14
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Death Top	91# 16814	Death Bot.	92# 1755	Unit Id	93# 124	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#	103#
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37' dd @ 150 gpm
 Color = 10 units
 T = 81.0 °F

36' dd @ 151 gpm (8 hrs)

East of well #1 on
 Rauzer Rd

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0'	22'	Sand	785'	869'
Brown Clay	22'	42'	Hard Clay	869'	875'
Blue Clay	42'	520'			
Flint Sand	520'	535'			
Sandy shale	535'	546'			
Shale & Sand streaks	546'	640'			
Sandy Clay	640'	667'			
Sandy Shale	667'	708'			
Sand & shale streaks	708'	750'			
Sand & Clay streaks	750'	785'			
Clay	785'	785'			

RECEIVED
 OCT 24 1994

Office of Land & Water Resources

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED <i>Madison</i>	WELL NUMBER <i>2</i>	CODED <i>V67</i>	PERMIT NUMBER <i>MS-GW-14449</i>
			NAME OF DRILLING FIRM <i>Layne-Central Co.,</i>
			<i>A Division of Layne, Inc.</i>
DATE WELL COMPLETED <i>10-20-94</i>			

NAME & MAILING ADDRESS OF LANDOWNER <i>Livingston Road Water Assoc.</i>		
<i>P.O. Box 114</i>		
<i>Tougaloo, MS 39174</i>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<i>28</i>	<i>7</i>	<i>N 1 E</i>
DISTANCE <i>3</i> Miles	DIRECTION <i>West</i>	NEAREST TOWN <i>Ridge land</i>
OTHER LANDMARK <i>off Rouser Road</i>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM) <i>150</i>	No. of Stages <i>8</i>	Setting Depth <i>360</i> FT.
PUMP TEST		
Well yielded <i>151</i> GPM with a drawdown of <i>36</i> ft. after <i>8</i> hours of pumping		

WELL DATA		
Well Depth <i>745</i>	Casing Diameter (In.) <i>8"</i>	Casing Length (Ft.) <i>695</i>
Type of Casing <i>Steel</i>	Hole Depth <i>829</i>	Depth to Static Water Level <i>281.8</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed, <input checked="" type="radio"/> Underreamed, <input type="radio"/> Telescoped, <input type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <i>643</i> FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="radio"/> Electric, <input checked="" type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____	
Name of Organization Running Log <i>Layne-Central Co.</i>	

SCREEN DATA		
Diameter - Inches <i>4"</i>	Length - Feet <i>40'</i>	Slot Size - Inches <i>.10</i>
Screen Type <i>Houston S.S.</i>	Depth to Bottom - Feet <i>744'</i>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Yellow Clay</i>	<i>0'</i>	<i>22'</i>	<i>Sand</i>	<i>785'</i>	<i>809'</i>
<i>Brown Clay</i>	<i>22'</i>	<i>42'</i>	<i>Hard Clay</i>	<i>809'</i>	<i>829'</i>
<i>Blue Clay</i>	<i>42'</i>	<i>520'</i>			
<i>Fine sand</i>	<i>520'</i>	<i>535'</i>			
<i>Sandy shale</i>	<i>535'</i>	<i>566'</i>			
<i>shale & sand streaks</i>	<i>566'</i>	<i>626'</i>			
<i>Sandy Clay</i>	<i>626'</i>	<i>667'</i>			
<i>Sandy Shale</i>	<i>667'</i>	<i>708'</i>			
<i>sand & shale streaks</i>	<i>708'</i>	<i>750'</i>			
<i>sand & clay streaks</i>	<i>750'</i>	<i>780'</i>			
<i>Clay</i>	<i>780'</i>	<i>785'</i>			

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If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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): AR DATE: 9-14-94
UNIT DEQ #: 84090 FILE #: B091413A
HEALTH DEPT. #: 450009-02 ELEV. 400
USGS #: V67 OLWR #: GW14449
OWNER: Livingston N. W. A. QUAD: Ridgeland
LOCATION: NW 1/4 S 28 T 7N R 1E COUNTY: MADISON
LOCATION DESCRIPTION: in fenced area next to pump house.
CASING DIA: _____ PUMP TYPE & SIZE: Sub.
GPS FIELD LOCATION: LAT. 32.25.545 N LONG. 90.12.114 W
GPS CORRECTED LOCATION: LAT. 32.42557463 LONG. 90.20179330
REMARKS: SAMUEL LANE well's just before cattle rail.
32° 25' 32.1" 90° 12' 06.5"

.15 on Samuel Ln
.2 mi on Louser Rd



18

17

Rock Hill

Great Pt. 22

PIPELINE

RAILROAD

BM

MADISON CO.
HINDS CO.

360 COUNTY LINE

Sandhurst