

6W14589
0450013-06

Coded By 0 293
Checked By 28812-24
Entered By EST
Date 12/14
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 393
County MAISON
Agency

Well No. V65

WELL RECORD

Agency Code U1S1C1S1 Site Id 132272109101026011 Project No. 5

Station Name 12 V10651 RIDGELAND Latitude 93227211 Longitude 1040910110261

Lat./Long. Ac. 11 S 1 M Disc 6=28 State 7=28 County 8=0899 Land Net 13=NNWNW S14 T101 N1 R101 E2

Location Map 14= RIDGELAND Altitude 16=475 Met./Meas 17= A L N Accuracy 18= 15 Hydrologic Unit 20= 031181010121

Agency Use 903= 1 Date Inventoried 711= / / Station Type 4 Data Type 904=

AT ELEV TANK
Ridgeland
Quad

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

Date of Construction 21= 11/25/1992 Well Use 23= W Water Use 24= P Primary Aquifer Hole Depth 714= 1245 PRT

Well Depth 29= 1335 Water Level 30= 393 Water Level Date 31= 02/10/1993 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

Construction Date 60= 11/25/1992 Contractor 63= 01641 Name Layne Method 65= H Finish 66= G

CONSTRUCTION CASING DATA

R	T	Well No.	Top/Casing	Bot/Casing	Diameter
R=76	T=A	725#1	59#1 77 10	78 1175	79 181
R=76	T=A	725#2	59#1 77 1190	78 1180	79 121

CONSTRUCTION OPENINGS DATA

R	T	Well No.	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=32	T=A	726#1	59#1 83 11810	84 1335	87 112	85 S	89	88 10201
R=32	T=A	726#2	59#1 83	84	87	85	89	88

CONSTRUCTION LIFT DATA

Power 45= E H.P. 46= 250 Serial No. 49=

Lift Type 47= T Date 38= 02/10/1993 Intake 44= 14601

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 02/10/1993 Owner Name 161= RIDGELAND

MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 393 Assigner 191= M I S I O I S I

MISCELLANEOUS GW 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#00400	Value 197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Tvoe 199#E	Sec. Depth 200# 11201	End Depth 201# 13691
R=198	T=A	739#1	Log Tvoe 199#D	Sec. Depth 200# 1101	End Depth 201# 13691

MISCELLANEOUS NETWORK DATA *706 = GW WL WD **

R=114	T=A	730#1	Sec. Year 115# 1 4	End Year 116# 1 4	Agency Source 120=A 117#	Freq. 118#
R=121	T=A	730#2	Sec. Year 115# 1 4	End Year 116# 1 4	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 12/10/11 993	Remarks 185# MSGW 14589
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 02/10/11 993	Tvoe 703# P	Discharge 150# 1160101	So. Capacity 272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 11101	Depth Bot. 92# 13319	Unit Id 93# 124 SPIRIT	1600 @ 15# 304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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24" dd @ 1600 gpm after (2 yrs)

46.7 gpm/ft

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Common)	FROM	TO
Sand Clay	0'	10'	Clay	870'	1042'
Red Sand	10'	80'	Sandy Clay	1042'	1110'
Yellow Clay	80'	105'	Sand	1110'	1200'
Blue Clay	105'	320'	Hard Packed Sand	1200'	1215'
Clay	320'	530'	Sand	1215'	1369'
Shale + Sand Stalk	530'	520'	Shale	1369'	1369'
Shale	520'	630'			
Shale + Fine Sand Stalk	630'	710'			
Sandy Clay	710'	805'			
Clay	805'	840'			
Clay + Sand Stalk	840'	870'			

RECEIVED

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 Madison	
WELL NUMBER 2	CODER <input checked="" type="checkbox"/>
PERMIT NUMBER GW-14589	
NAME OF DRILLING FIRM Layne-Central Co., Div. of	
Layne, Inc.	
DATE WELL COMPLETED 02/01/93	

NAME & MAILING ADDRESS OF LANDOWNER City of Ridgeland, Ms.		
P.O. Box 217		
Ridgeland, MS 39158		
WELL LOCATION: SEC	TOWNSHIP	RANGE
15	7	N 1 E
DISTANCE	DIRECTION	NEAREST TOWN
5 Miles	W. of City	of Madison
OTHER LANDMARK Hardy Rd.		
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 250		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1500	5	460' FT.
PUMP TEST		
Well yielded 1500 GPM with a drawdown of 22' ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1335'	Casing Diameter (In.) 18"	Casing Length (Ft.) 1175'
Type of Casing STEEL	Hole Depth 1369'	Depth to Static Water Level 393'
TYPE OF COMPLETION (Circle One or More): Gravel Packed, Underreamed , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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 Co.			
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 1335' 1200' 118'			

SCREEN DATA		
Diameter - Inches 12"	Length - Feet 150'	Slot Size - Inches 20
Screen Type JOHNSON S/S	Depth to Bottom - Feet 5'	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0'	10'	Clay	870'	1042'
RED SAND	10'	80'	Sandy Clay	1042'	1110'
Yellow Clay	80'	105'	SAND	1110'	1200'
Blue Clay	105'	320'	Hard Packed Sand	1200'	1215'
Clay	320'	535'	SAND	1215'	1342'
Shale + Sand Strk.	535'	560'	Shale	1342'	1369'
SHALE	560'	650'			
Shale + Fine Sand Strk.	650'	710'			
Sandy Clay	710'	805'			
Clay	805'	840'			
Clay + Sand Strk.	840'	870'			

RECEIVED

JAN 27 1994

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): AK. DATE: 9/13/94

UNIT DEQ #: 84090 FILE #: B09131543

HEALTH DEPT. #: 450013-06 ELEV. 370

USGS #: V65 OLWR #: GW14589

OWNER: City of Ridgeland QUAD: Ridgeland

LOCATION: SE/SE S 14 T 7N R 1E COUNTY: Madison

LOCATION DESCRIPTION: Well located in lg. fenced area
Running next to second pump house

CASING DIA: _____ PUMP TYPE & SIZE: Turkine / 250 HP

GPS FIELD LOCATION: LAT. 32.27.412 N LONG. 90.10.496 W

GPS CORRECTED LOCATION: LAT. 32.45672925 LONG. 90.17488773

REMARKS: Go across 55 N on Old Agency Rd. At 4 way
stop turn R. on Highland Colony. Go approx. 1.1
miles to Lake Castle. Turn Left go approx. 1.1 miles
to Hardy Rd. Take Right go approx. .3 miles
to gravel drive that leads to Elevated water
tank

