

Coded By 3/93
Checked By 9/28/93
Entered By 9/28/93
Date 8-93

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 430
County YAZOO
Agency

Well No. F55

WELL RECORD

Louise Quad

Agency Code U S G S Site Id 13255190903113011 Project No. 5

Station Name F055 LAKE RITTY WA Latitude 93255119 Longitude 1040903113

Lat/Long Ac. 11 S F M Dist 6=28 State 7=28 County NE NE Land Net

Location Map 14=110151E Altitude 16=106 Met/Meas 17=ALM Accuracy 18=5 Hydrologic Unit 20=1080302016

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

Instru. 805 Remarks 806 Relia. 3 C L M U 2 W X

Date of Construction 21=03/11/1993 Well Use 23=W Water Use 24=P Primary Aquifer 714=124SRRT Hole Depth 27=1115 WA

Well Depth 28=9910 Water Level 30=46 Water Level Date 31=07/19/1993 Method 34 Status 37 Source 33=D

CONSTRUCTION DATA
Construction Date 60=07/19/1993 Contractor 63=455 Name Hemdon Method 65=H Finish 66=G

CONSTRUCTION CASING DATA
Top/Casing 77=110 Bot/Casing 78=930 Diameter 79=10

Top/Casing 77=880 Bot/Casing 78=939 Diameter 79=16

CONSTRUCTION OPENINGS DATA
Top/Depth 83=939 Bot/Depth 84=990 Diameter 87=16 Type 85=S Length 89 Width 88=1016

Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA
Lift Type 43=T Date 38=07/19/1993 Intake 44=1110

Power 45=E H.P. 46=30 Serial No. 49

MISCELLANEOUS OWNER DATA
Date of Ownership 159=07/19/1993 Owner Name 161=LAKE RITTY WA

MISCELLANEOUS OTHER ID DATA
E-Log No. 190=430 Assigner 191=M 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	Req. Depth	200# 1150'	End Depth	201# 1110.5'
R=198	T=A	739#1	Log Type	199#D	Req. Depth	200# 1101'	End Depth	201# 1111.5'

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Req. Year	115# 1 9	End Year	116# 1 9	Agency Source	120=A	117#	Freq.	118#
R=121	T=A	730#2	Req. Year	115# 1 9	End Year	116# 1 9	Agency Source	117#	Freq.	118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184# / /	Remarks	185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 07 / 19 / 1993	Type	703# (P)	Discharge	153# 1372	Sp. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 920'	Depth Bot.	92# 990'	Unit Id	93# 1124 SP 17	e 60#	304=P
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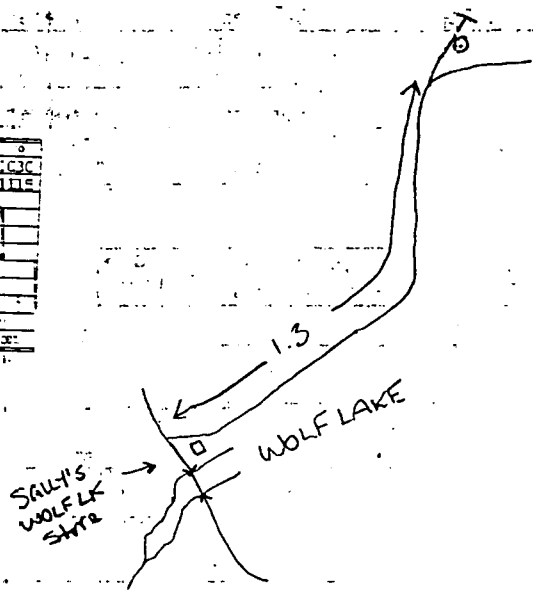
HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#	103#
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18 gpm/ft @ 4 hrs.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION (Common)	FROM	TO
Top Soil	0	15	Sandy	10	15
Sand & Gravel	15	150	Clay	110	130
Clay	150	280		130	115
Rock	280	281			
Clay	281	290			
Sandy	290	410			
Sandy Clay	410	502			
Clay	502	530			
Sandy Clay	530	690			
ev.	690	820			
Sandy Clay	820	910			

Handwritten notes on log: 115' to 130' is clay, 130' to 115' is clay, 110' to 130' is clay. Date: JUL 28 1993.



MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Yazoo	
WELL NUMBER F 55	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER	
NAME OF DRILLING FIRM Herndon Well & Supply	
P. O. Box 5917, Pearl	
DATE WELL COMPLETED July 19, 1993	

NAME & MAILING ADDRESS OF LANDOWNER Lake City Water Association, Inc.		
P. O. Box 751		
Yazoo City, MS 39194		
WELL LOCATION: SEC	TOWNSHIP	RANGE
Erickson Rd. 5	12	3
DISTANCE _____ MILES _____ of Yazoo City		
OTHER LANDMARK NE 1/4, NE 1/4, NE 1/4		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) 30HP H/P 3 PH		
Pump Capacity (GPM)	No. of Stages	Setting Depth
372	5	110 FT.
PUMP TEST		
Well yielded 372 GPM with a drawdown of 20.5 ft. after 4 hours of pumping		

WELL DATA		
Well Depth 990	Casing Diameter (In.) 10	Casing Length (Ft.) 930
Type of Casing Steel	Hole Depth 990	Depth to Static Water Level 46'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 880.03 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - inches 6	Length - Feet 51.18	Slot Size - inches .016
Screen Type S. S.	Depth to Bottom - Feet 990	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 307/5			

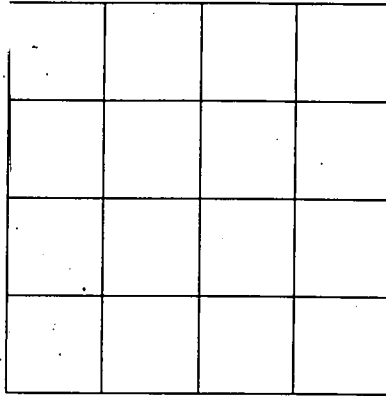
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Top Soil	0	15	Sandy	910 1030
Sand & Gravel	15	150	Clay	1030 1115
Clay	150	280		
Rock	280	281		
Clay	281	290		
Sandy	290	410		
Sandy Clay	410	502		
Clay	502	530		
Sandy Clay	530	690		
Clay	690	820		
Sandy Clay	820	910		

RECEIVED
JUL 28 1993

IF MORE SPACE IS NEEDED, USE BACK PAGE

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.

Handwritten initials/signature

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AK + JB DATE: 9-27-94

UNIT DEQ #: 82859 FILE #: 0092714B

HEALTH DEPT. #: 820009-02 ELEV. 100

USGS #: F55 OLWR #: 6W 14901

OWNER: LAKE CITY W.A. EAST QUAD: LOUISE

LOCATION: NE/NE S 5 T 12N R 3W COUNTY: VA200

LOCATION DESCRIPTION: Well in forested area. Well now running of ground tank.

CASING DIA: 6" PUMP TYPE & SIZE: Turbine / 30 HP

GPS FIELD LOCATION: LAT. 32.55.35N LONG. 90.31.19W

GPS CORRECTED LOCATION: LAT. 32.92267477 LONG. 90.52017936

REMARKS: 2.25 from Hwy 49W to road on left that goes to well. Can be seen from road. Erickson Road
5.5 mile from 01 to 02.

B042318B
4-23-97 32 55 21.6
Pet 90 31 12.6
RTCM



Target is 32° 55' 22"N, 90° 31' 13"W - LOUISE quad [Quad Info]

