

Coded by Q 9/27/01  
Checked by JPK 9/23/02  
Entered by JPK  
Date 3/2002

GW15823 0410039-02

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 173 Well No. J53  
County LEE 750  
Agency Mooreville Quad

WELL RECORD

Agency Code	Site ID	Project No.
U S G S	1= 341910088335301	5=
Station Name		Latitude

12= J053	LEE	MOOREVILLE-RICH	9= 341910
Longitude		Lat/Long AC. Lat/Long Met. Lat/Long Datum	Dist Code State Code County Code

10= 0883353	11= 1	35= S	36= NAD83	6= 28	7= 28	8= 081
S=GPS, F=+5 sec, T=+10 sec, M=+1 min, b=>1 min						

Land Net Location	Meridian
13= SENE S09T09SR07E	G=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
Location Map	Altitude

14= MOOREVILLE	16= 430	18= 5	17= M
Altitude Datum	Hydrologic Unit	Topo Set.	Agency Use

22= NAVD88	20= 03160101	19=	803= A I O	711=
Station Type	Data Type	Gr. Time	Loc. Time	Web-R

802=	Y	804= A I O	813= -06	814= Y	32=	3= C L M	2= W X	21= 07-22-1998
Well Use	Water Use	Primary Aquifer	Hole Depth	Well Depth				

23= W	24= P	714= Z I I E U T W	27= 445	28= 380
-------	-------	--------------------	---------	---------

CONSTRUCTION DATA	Construction Date	Contractor	Method	Finish
R=58 T=A 723#1	60= 07-08-1999	63= 414 Name Parks	65= H	66= G

CONSTRUCTION CASING DATA	Top/Casing	Bottom/Casing	Diameter
R=76 T=A 725#1 59#1	77= 0	78= 315	79= 12

R=76 T=A 725#2 59#1	77= 275	78= 320	79= 8
---------------------	---------	---------	-------

CONSTRUCTION OPENINGS DATA	Top/Depth	Bottom/Depth	Diameter	Type	Length	Width
R=82 T=A 726#1 59#1	83= 320	84= 380	87= 8	85= S	89= 60	88= 016

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	38= 07-08-1999	44=

Power	H. P.	Serial No.
45= E	46= 40	49=

MISCELLANEOUS OWNR DATA	Date of Ownership	Owner Name
R=158 T=A 718#1	159= 07-08-1999	161= MOOREVILLE RICHMOND W-A

MISCELLANEOUS OTHER ID DATA	E-Log No.	Assigner
R=189 T=A 736#1	190= 173	191= M I S S I D I S T

MISCELLANEOUS LOGS DATA	Log Type	Beg. Depth	End Depth
R=198 T=A 739#1	199= E	200= 25	201= 435

R=198 T=A 739#2	199=	200=	201=
-----------------	------	------	------

MISCELLANEOUS NETWORK DATA 706=QW,WL,WD\*

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

MISCELLANEOUS REMARKS DATA

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

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	Type	Discharge
148=			149=	07-08-1999	703= P F	150= 250
Meth. Dis.	Static Water Level	Source WL	Sp. Capacity			@70#
152= R	154=	155=	272=			

GEOHYDROLOGIC DATA

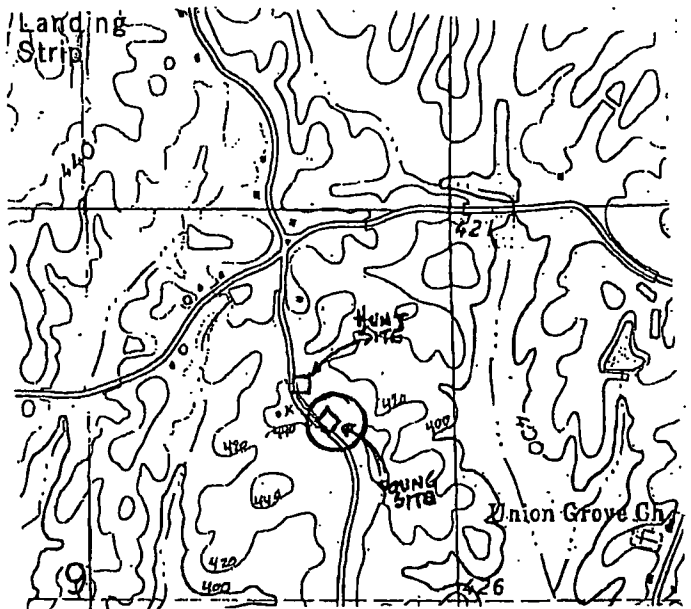
Depth Top	Depth Bottom	Unit ID
R=90 T=A 721#1	91= 92=	93= Z11EUTW
		304=P

HYDRAULIC DATA

R=98 T=A 790#1	Unit Tested	100=	103=
----------------	-------------	------	------

HISTORICAL WATER LEVEL DATA

Date	Water Level	Source	Meth. of Meas	Source Agency
R=234 T=A 235#	07-08-1999	237= 180.	243=L	244= D 239=R 247=MS008



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  
LEE

WELL NUMBER  
YOUNG SITE  
J53

CODED

PERMIT NUMBER

NAME OF DRILLING FIRM  
PARKS + PARKS WELL SERVICE

DATE WELL COMPLETED  
4-99

NAME & MAILING ADDRESS OF LANDOWNER  
MODREVILLE - RICHMOND WATER SYSTEM  
P.O. BOX 28  
MODREVILLE MS. 38857

WELL LOCATION SEC TOWNSHIP RANGE  
9 8 N 7 W

DISTANCE DIRECTION NEAREST TOWN  
5 Miles N of Modreville

OTHER LANDMARK

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

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 40

Pump Capacity (GPM) No. of Stages Setting Depth  
250 9 270 FT.

PUMP TEST  
Well yielded 256 GPM with  
a drawdown of 59.25 ft.  
after 8 hours of pumping

WELL DATA

Well Depth <u>380</u>	Casing Diameter (in.) <u>12 3/4</u>	Casing Length (Feet) <u>315</u>
Type of Casing <u>STEEL</u>	Hole Depth <u>440</u>	Depth to Static Water Level <u>179.8</u>

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed.  Underreamed.  Telescoped.  
 Natural Development.  Open Hole.  Other

WELL GROUTED TO A DEPTH OF 315 FEET  
Type Grout (circle one) Cement, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One):  
 Electric.  Gamma Ray.  Density.  Sonic.  Neutron.  
Other (Describe)

Name of Organization Running Log  
MSCS

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches <u>8</u>	Length - Feet <u>60</u>	Slot Size - Inches <u>.016</u>
Screen Type <u>SS</u>	Depth to Bottom - Feet <u>380</u>	

Driller's Remarks

Top of Lap Pipe or Reduction in Casing

FEET  IF TELESCOPED OR MORE THAN ONE SCREEN; USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>SAND + CLAY</u>	<u>0</u>	<u>30</u>			
<u>BLUE CLAY</u>	<u>30</u>	<u>170</u>			
<u>BLUE CLAY + SAND</u>	<u>170</u>	<u>195</u>			
<u>CLAY SHELL</u>	<u>195</u>	<u>260</u>			
<u>SAND</u>	<u>260</u>	<u>295</u>			
<u>SAND + SHELL</u>	<u>295</u>	<u>420</u>			
<u>SAND-CLAY-SHELL</u>	<u>420</u>	<u>430</u>			
<u>PINK CLAY</u>	<u>430</u>	<u>440</u>			

DO NOT REMOVE ORIGINALS

If well telescopes please sketch and show depths.

GROUND LEVEL

CEMENT GROUT

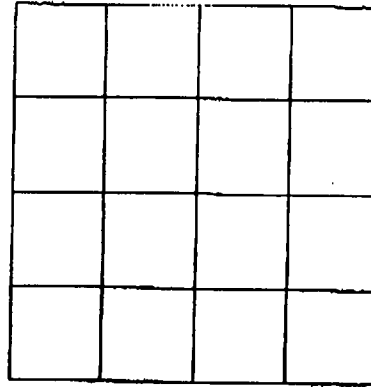
CASING

WAP PIPE

GRAVEL PACK

SCREEN

SAWTOOTH NIPPLE



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for 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): Hardin/Phillips DATE: 11/7/2000

UNIT DEQ #: \_\_\_\_\_ FILE #: \_\_\_\_\_

HEALTH DEPT. #: 410039-02?  
No tag that we could see ELEV. 430

USGS #: J53 OLWR #: GW15223

OWNER: Richmond-Mooreville WA QUAD: Mooreville

LOCATION: SE/NE S 9 T9S R7E COUNTY: Lee

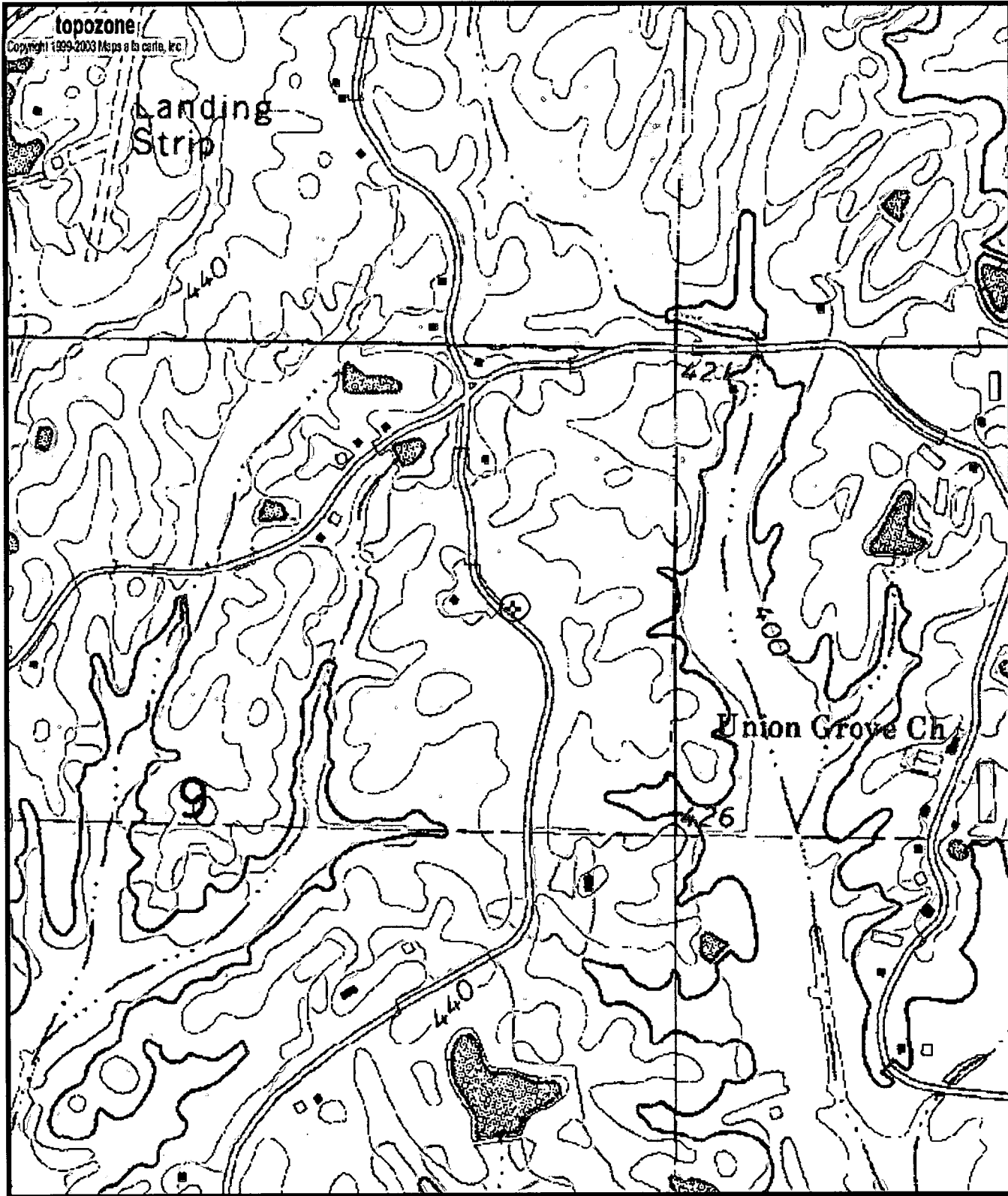
LOCATION DESCRIPTION: On CR 1451 0.25 mi south of  
intersection w/CR 1650

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine

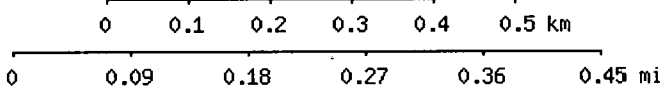
GPS FIELD LOCATION: LAT. \_\_\_\_\_ LONG. \_\_\_\_\_

GPS CORRECTED LOCATION: LAT. 34°19'10.1" LONG. 88°33'55.4"

REMARKS: In fenced area on east side of road; block  
bdg has 1222 on it. GPS'd outside fence  
@ 10' away



J53  
 GW15523  
 0410039+02



Map center is 34° 19' 10"N, 88° 33' 55"W (WGS84/NAD83)  
**Mooreville** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum

