

Coded By 0896
Checked By 10-29-96
Entered By 10-29-96
Date 10-29-96

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 169
County LEE
Agency LEE

Well No. E94
Guntown Quad

WELL RECORD

Agency Code <u>U151015</u>	Site Id <u>12342347080839121011</u>	Project No. <u>5111111111</u>
Station Name <u>12 E09114 N LEEI W IA</u>	Latitude <u>31423471</u>	Longitude <u>10188391211</u>
Lat/Long Ac. <u>11 S E</u>	Dist <u>5-23</u>	State <u>7-25</u>
County <u>NE NW</u>	Land Met <u>13 S W E S 10 10 8 5 12 10 6 E</u>	
Location Map <u>16 GUNNTOWN</u>	Altitude <u>16 4210</u>	Met/Meas <u>17 A L</u>
Accuracy <u>18 15</u>	Hydrologic Unit <u>20 10316011011</u>	
Agency Use <u>803 2 0</u>	Date Inventoried <u>711 / /</u>	Station Type <u>J</u>
Data Type <u>804</u>		

Instr. <u>805</u>	Remarks <u>806</u>	Relia. <u>5 C L M U</u>	<u>2 E</u>
Date of Construction <u>21 07 / 11 / 1996</u>	Well Use <u>23 W</u>	Water Use <u>24 P</u>	Primary Application <u>714 201 EMTW 1</u>
Hole Depth <u>27 15710</u>			
Well Depth <u>28 1545</u>	Water Level <u>30 11710</u>	Water Level Date <u>31 09 / 10 / 1996</u>	Method <u>34</u>
Status <u>35</u>	Source <u>33 D</u>		

CONSTRUCTION DATA			
Construction Date <u>63 09 / 199 / 11 1996</u>	Contractor <u>57 01211</u>	Name <u>Herndon</u>	Method <u>65 H</u>
Finish <u>66 G</u>			

CONSTRUCTION CASING DATA			
Top/Casing <u>77 119</u>	Bot/Casing <u>76 14601</u>	Diameter <u>79 101</u>	
Top/Casing <u>77 14231</u>	Bot/Casing <u>78 1815</u>	Diameter <u>79 16</u>	

CONSTRUCTION OPENINGS DATA						
Top/Depth <u>83 1485</u>	Bot/Depth <u>84 1545</u>	Diameter <u>87 16</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88 1020</u>	
Top/Depth <u>83</u>	Bot/Depth <u>84</u>	Diameter <u>87</u>	Type <u>85</u>	Length <u>89</u>	Width <u>88</u>	

CONSTRUCTION LIFT DATA			
Power <u>45 E</u>	H.P. <u>46 1101</u>	Serial No. <u>49</u>	
Lift Type <u>47</u>	Date <u>38 09 / 10 / 1996</u>	Intake <u>44 1280</u>	

MISCELLANEOUS OWNER DATA	
Date of Ownership <u>159 09 / 10 / 1996</u>	Owner Name <u>161 N LEEI W IA</u>

MISCELLANEOUS OTHER ID DATA	
E-Log No. <u>190 169</u>	Assigner <u>191 M I S S I D I S I</u>

MISCELLANEOUS DW DATA

R=192	T=A	738#1	Date of Measurement 1954 / /	Aquifer Sampled 1954	Temp 196700010	Value 1974
R=192	T=A	738#2	Date of Measurement 1954 / /	Aquifer Sampled 1954	So Cond 196700095	Value 1974
R=192	T=A	738#3	Date of Measurement 1954 / /	Aquifer Sampled 1954	pH 196700000	Value 1974

MISCELLANEOUS LOGS DATA

R=192	T=A	739#1	Log Type 1994 E	Sec. Depth 2002 15	End Depth 2012 5168
R=192	T=A	739#2	Log Type 1994 D	Sec. Depth 2002 10	End Depth 2012 5119

MISCELLANEOUS NETWORK DATA 106 = Qw W_L W_D *

R=114	T=A	730#1	Sec. Year 1154 9	End Year 1155 9	Agency Source 120#A	Prod. 1154
R=121	T=A	730#2	Sec. Year 1154 9	End Year 1155 9	Agency Source 117#	Prod. 1154

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 1482 09 / 09 / 11 99 6	Type 703#2	Discharge 150 28	So. Capacity 272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 365	Depth Bot. 92 559	Unit Id 93-Z111(EUTW)	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	12	Clay	208	342
Sandy Clay	12	25	Sandy Clay	342	365
Red Sand	25	30	Sand	365	550
Sandy Clay	30	36	Clay	550	570
Blue Clay	36	43			
Sandy Clay	43	59	Rock 4" Thick		200'
White Sand	59	100	Rock 6" Thick		296'
Sandy Clay	100	119			
Shale Rock	119	124			
Clay w/Sand Streaks	124	139			
Sand	139	208	IF MORE SPACE IS NEEDED, USE BACK		

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 Lee	
WELL NUMBER #2 @ Trace	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER 15110	
NAME OF DRILLING FIRM HERNDON WELL & SUPPLY	
DATE WELL COMPLETED 09/09/96	
SHANNON, MS	

NAME & MAILING ADDRESS OF LANDOWNER NO LEE CO. WATER ASSOC., INC.		
1004 BIRMINGHAM ROAD		
SALTILLO, MS 38866		
WELL LOCATION:	SEC	TOWNSHIP
	11	8
		S 6 E
DISTANCE	DIRECTION	NEAREST TOWN
1 1/2 Miles	NE	of Saltillo
OTHER LANDMARK		
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) _____ H/P <u>040</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
281'	16	280' FT.
PUMP TEST		
Well yielded 281 GPM with a drawdown of 68 ft. after 2 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
545	10	460'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	570	170
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		
423 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA			
TYPE OF LOG RUN (Circle One): <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____			
Name of Organization Running Log Herndon Wells & Supply, Inc.			
GEOLOGICAL DATA (For Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Cor.
Subs. SWL	Date	Analysis	Analysis Test
Driller's Remarks OCT 14 1996			
Dept. of Environmental Quality Office of Land & Water Resources			

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6"	60'	.020
Screen Type	Depth to Bottom - Feet	
Stainless Steel	545'	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	12	Clay	208	342
Sandy Clay	12	25	Sandy Clay	342	365
Red Sand	25	30	Sand	365	550
Sandy Clay	30	36	Clay	550	570
Blue Clay	36	43			
Sandy Clay	43	59	Rock 4" Thick		200'
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Sand	139	208	IF MORE SPACE IS NEEDED, USE BACK		

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

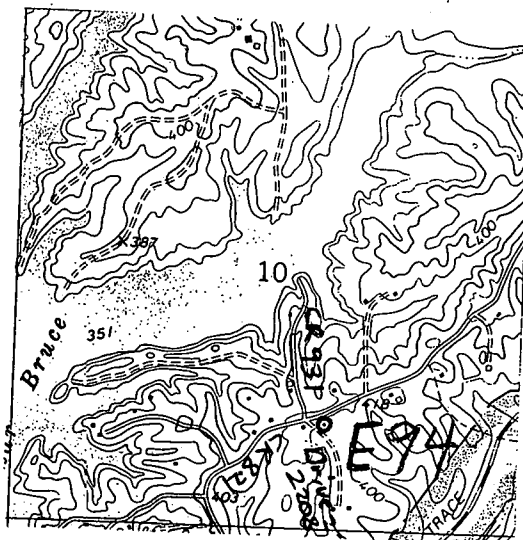
ADDITIONAL INFORMATION

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

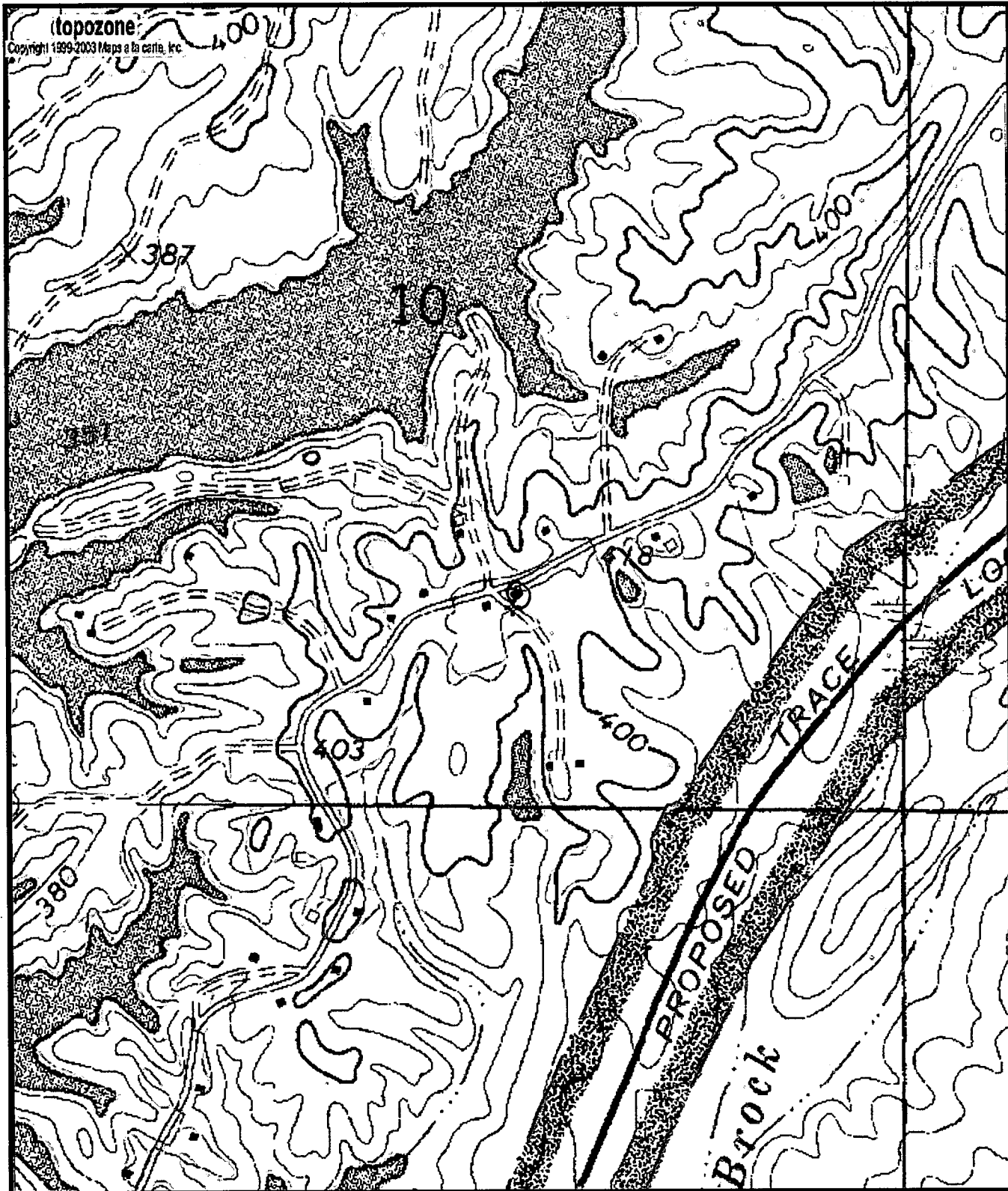
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

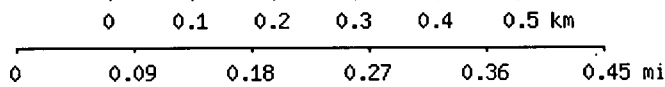
USER NAME(S): Wayne Williams DATE: 10/21/98
UNIT DEQ #: _____ FILE #: B102117A
HEALTH DEPT. #: 410024-05 ELEV. 420'
USGS #: E94 OLWR #: GW15110
OWNER: North Lee W. A. QUAD: Guntown
LOCATION: NE NW SW SE 10 T 8S R 6E COUNTY: Lee
LOCATION DESCRIPTION: At corner of CR 821 + Drive 2208
(CR 931 is across road)
CASING DIA: 10" PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 34° 23' 49.4" N LONG. 88° 39' 17.5" W
GPS CORRECTED LOCATION: LAT. 34.396694 N LONG. 88.655734 W
REMARKS: Leave Guntown going East on 363. Turn North
on CR 821 (before you reach Natchez Trace). Proceed
till you reach junction w/ CR 931 on left
+ Drive 2208 on right. Well just North of Drive 2208.







E94
 6W15110
 0410024-05



Map center is 34° 23' 48"N, 88° 39' 21"W (WGS84/NAD83)

Guntown quadrangle

Projection is UTM Zone 16 NAD83 Datum

