

DEP
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 <u>Wayne</u>	
WELL NUMBER <u>289</u>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <u>April, 1995</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>A-1 Drilling Serv, Inc</u>
<u>Laurel, MS</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>BUCKATUNNA WATER ASSN</u>		
<u>P.O. Box 242</u>		
<u>BUCKATUNNA, MS 39322-0242</u>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<u>10</u>	<u>9</u>	<u>5</u>
DISTANCE	DIRECTION	NEAREST TOWN
<u>2-3</u> Miles	<u>N</u>	of <u>BUCKATUNNA</u>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation (Municipal) Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) <u>30</u> H/P <u>460V/3P</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>250 @ 350</u>	<u>12</u>	<u>195</u> FT.
PUMP TEST		
Well yielded <u>268</u> GPM with a drawdown of <u>55.9</u> ft. after <u>6</u> hours of pumping		

WELL DATA G.L.

Well Depth <u>342'</u>	Casing Diameter (In.) <u>10</u>	Casing Length (Ft.) <u>307</u>
Type of Casing <u>Epoxy cfd</u> <u>Bl steel</u>	Hole Depth <u>392'</u>	Depth to Static Water Level <u>62'</u>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other		

WELL GROUTED TO A DEPTH OF 307 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches <u>6" PS</u>	Length - Feet <u>30.67'</u>	Slot Size - Inches <u>.015</u>
Screen Type <u>Barweld SS</u>	Depth to Bottom - Feet <u>34.1</u>	

LOG DATA

TYPE OF LOG RUN (Circle One):		No Log Run,
<input checked="" type="checkbox"/> Electric, <input checked="" type="checkbox"/> Gamma Ray,	Density, Sonic, Neutron,	
Other (Describe) _____		
Name of Organization Running Log <u>OFFICE OF GEOLOGY</u>		

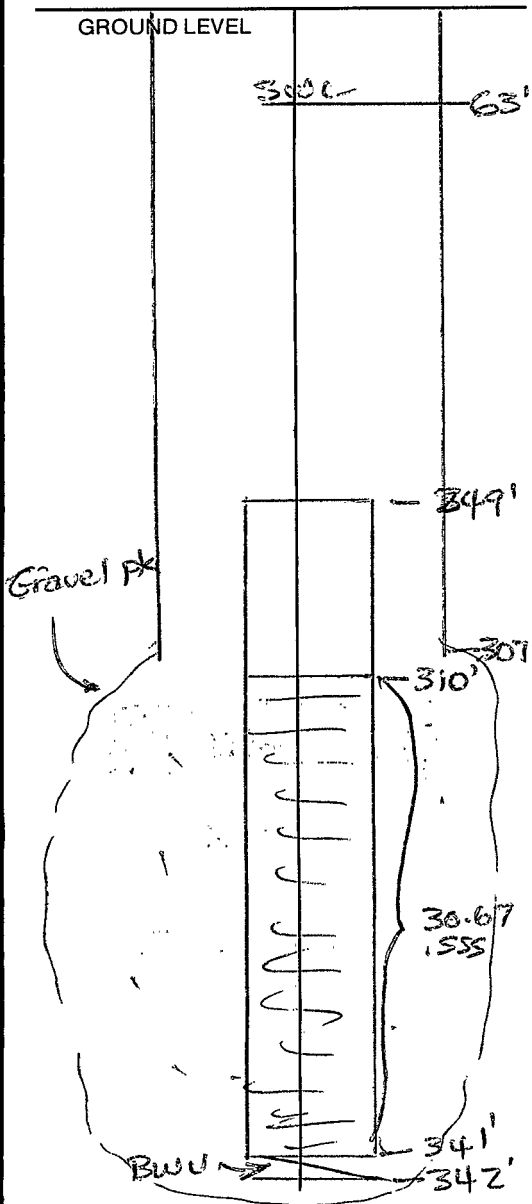
GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Quarter Test
RECEIVED			
APR 18 1995			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Top soil</u>	<u>0</u>	<u>1</u>	<u>Sand</u>	<u>176</u>	<u>192</u>
<u>Clay, sandy, red</u>	<u>1</u>	<u>12</u>	<u>clay, gray</u>	<u>192</u>	<u>207</u>
<u>Sand, red</u>	<u>12</u>	<u>35</u>		<u>207</u>	<u>198</u>
<u>Sand & clay mixed, wh</u>	<u>35</u>	<u>65</u>	<u>Sand & clay mixed</u>	<u>198</u>	<u>207</u>
<u>Clay, white</u>	<u>65</u>	<u>78</u>	<u>Sand</u>	<u>207</u>	<u>212</u>
<u>Clay, sandy, white</u>	<u>78</u>	<u>90</u>	<u>Clay</u>	<u>212</u>	<u>243</u>
<u>Clay, lt gray to gray</u>	<u>90</u>	<u>105</u>	<u>Sand and clay stks</u>	<u>243</u>	<u>249</u>
<u>Sand</u>	<u>105</u>	<u>109</u>	<u>Sand, coarse, chert</u>	<u>249</u>	<u>272</u>
<u>Clay, lt gray</u>	<u>109</u>	<u>127</u>	<u>Clay</u>	<u>272</u>	<u>277</u>
<u>Sand & pea gravel</u>	<u>127</u>	<u>158</u>	<u>Rock, hard</u>	<u>277</u>	<u>280</u>
<u>Clay, sandy</u>	<u>158</u>	<u>176</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.



		X	

SECTION 18

Please indicate well location X.

ADDITIONAL INFORMATION

280-288 Clay w/ hard stks
 288-291 Clay
 291-294 Rock, hard
 294-298 Clay w/ hard stks
 298-311 Sand & clay breaks
 311-338 Sand
 338-338 1/2 Soft lignite
 338 1/2-341 Sand
 341-382 Clay, gray
 382-382 1/2 Rock
 382 1/2-391 Clay & sea shells, gray
 391-392 Rock

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