

**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 <b>SIMPSON</b>	
WELL NUMBER <b>P-30</b>	CODED
DATE WELL COMPLETED <b>10-21-02</b>	

PERMIT NUMBER <b>MS6W-15665</b>
NAME OF DRILLING FIRM <b>A-1 DRILLING SERV, INC</b>
<b>LAUREL, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>NEW HOPE WATER ASSN 103 BOYKIN RD. MT. OLIVE, MS 39119</b>
Latitude: <b>3147648 N</b> Longitude: <b>8945379</b>

WELL LOCATION <b>NE 1/4, SE 1/4 SE 1/4, NE 1/4</b>	SEC <b>36</b>	TOWNSHIP <b>10 N</b>	RANGE <b>18 W</b>
DISTANCE <b>± 7</b> Miles	DIRECTION <b>W</b>	NEAREST TOWN <b>of MT. OLIVE</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> Industrial, Fish Pond, etc.			

WELL DATA <b>G.L.</b>		
Well Depth <b>268'</b>	Casing Diameter (In.) <b>16 (OD)</b>	Casing Length (Ft.) <b>226 8</b>
Type of Casing <b>Epoxy ctd Steel</b>	Hole Depth <b>270'</b>	Depth to Static Water Level <b>113'</b>
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 (Describe)		
WELL GROUTED TO A DEPTH OF <b>268</b> FEET Type Grout (circle one) <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or <input type="checkbox"/> Mix		

SCREEN DATA		
Diameter - Inches <b>10" PS</b>	Length - Feet <b>40</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>Barweld 304ss</b>	Depth to Bottom - Feet <b>268</b>	

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) <b>40</b> H/P <b>400 30</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top soil	0	1
Clay, tan	1	5
Clay, red	5	19
Sand	19	25
Sand & clay breaks	25	38
Sand	38	40
Clay, tan	40	53
Sand & pea gravel	53	226
Clay break	226	227
Sand & pea gravel	227	243
Rock	243	243 1/2
Sand & pea gravel	243 1/2	268 1/2
Rock	268 1/2	269
Clay, tan	269	277
Rock ledges	277	278
Clay, tan	278	282
Clay, gray	282	290

**RECEIVED**

**NOV 12 2002**

Top of Lap Pipe or Reduction in Casing <b>167</b> FEET	IF TELESCOPE OR MORE THAN ONE SCREEN: USE BACK PAGE
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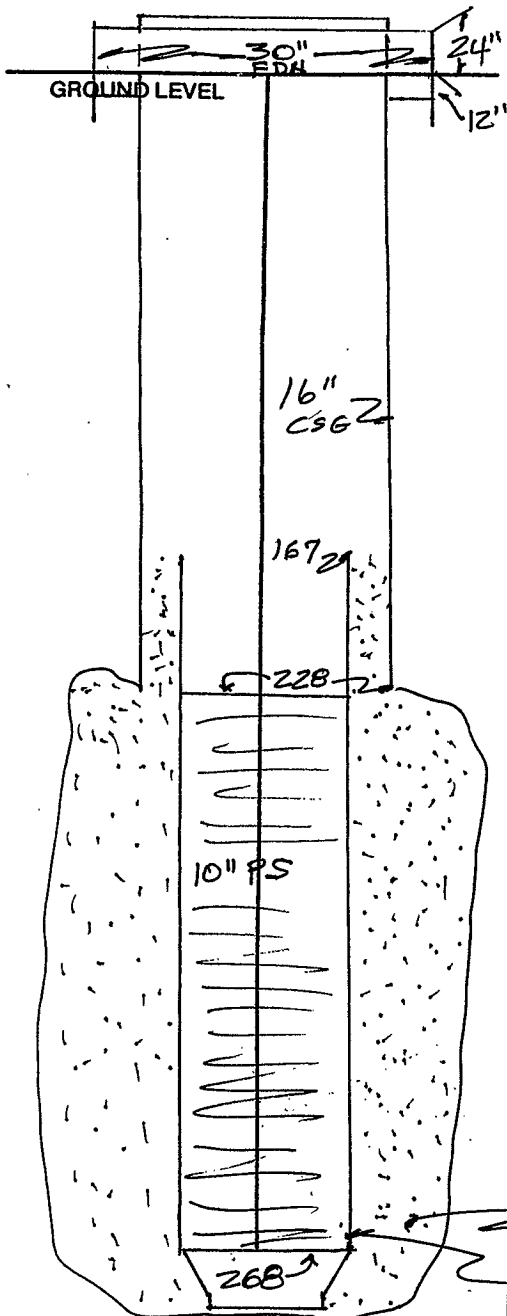
I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

*[Signature]*  
Signature of Licensed Driller and License No. **0410**

**11-6-02**  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.



			X

SECTION 36

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
530 @ 22#	4	219 FT.
PUMP TEST		
Well yielded <u>530</u> GPM with		
a drawdown of <u>51</u> ft.		
after <u>24</u> hours of pumping		

LOG DATA

TYPE OF LOG RUN (Circle One):  No Log Run,  Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  Other (Describe) \_\_\_\_\_

Name of Organization Running Log

OFFICE OF GEOLOGY

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
535'	cat		
Subs. SWL	Date	Analysis	Aquifer Test
		✓	✓

Driller's Remarks

10/20 sand pack

.020" sss

10" x 6" ss swage w/ plate ss bottom

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