

# State Well Report

Part 1

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: J-133  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Lauderdale  
Permit #: GW 16518  
Driller: McDonald + Hill Inc.  
Date drilling completed: 3-20-08

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Dalewood Property Owners Association</u>	Latitude: <u>32° 28' 57"</u> Longitude: <u>88° 31' 10"</u>
Mailing Address: <u>8905 Launch Drive</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Lauderdale</u> MS <u>39335</u>	<u>SW 1/4 NW 1/4</u> Sec <u>01</u> Twn <u>07N</u> Rng <u>17E</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 632-4811</u>	<u>3</u> Miles <u>S</u> of <u>Lauderdale</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: Recreational Pumping into Lake Jerome

Date well drilling started: 3-18-08 Date well drilling completed: 3-20-08

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 49 feet above or below (circle one) land surface Date measured: 3-20-08

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Hole depth: 201 Well depth: 201 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 132 feet Casing diameter: 8 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: stainless steel

Screen slot size: #012 inches Setting depth: From 100 feet to 200 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: 121 feet. If telescoped or more than one screen, describe on back of page

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

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.

McDonald + Hill Inc. #0-8 Herald Hill  
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

Replaces GW 1288 - D-56

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Full Land ?  
~~DS6 DS8~~

Dalewood

DS6 29  
well

GW 288

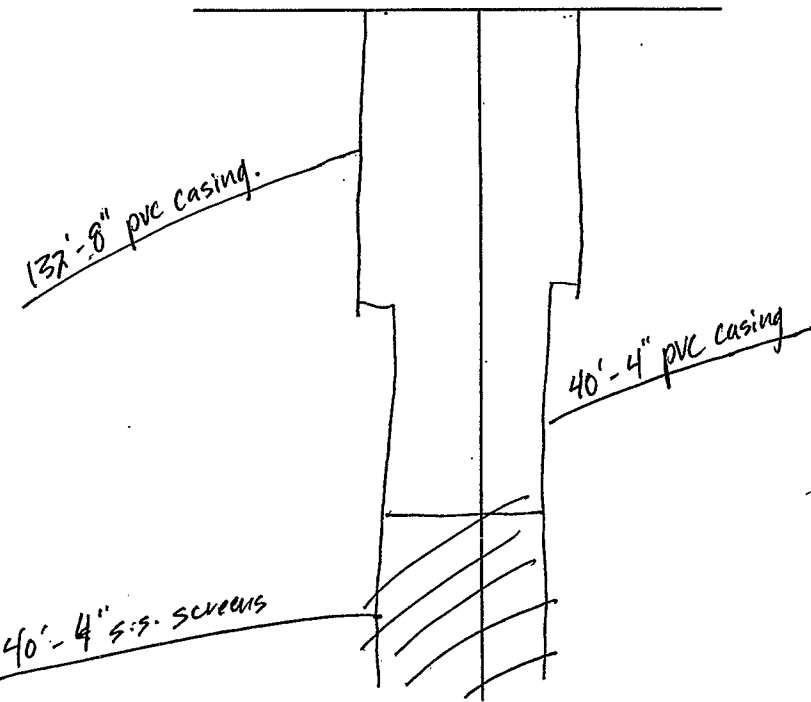
pull 1287

DS3  
8" 131'  
shank 2100  
Change grid  
Old well @ same  
location

J-138

If well telescopes please sketch below and show depths.

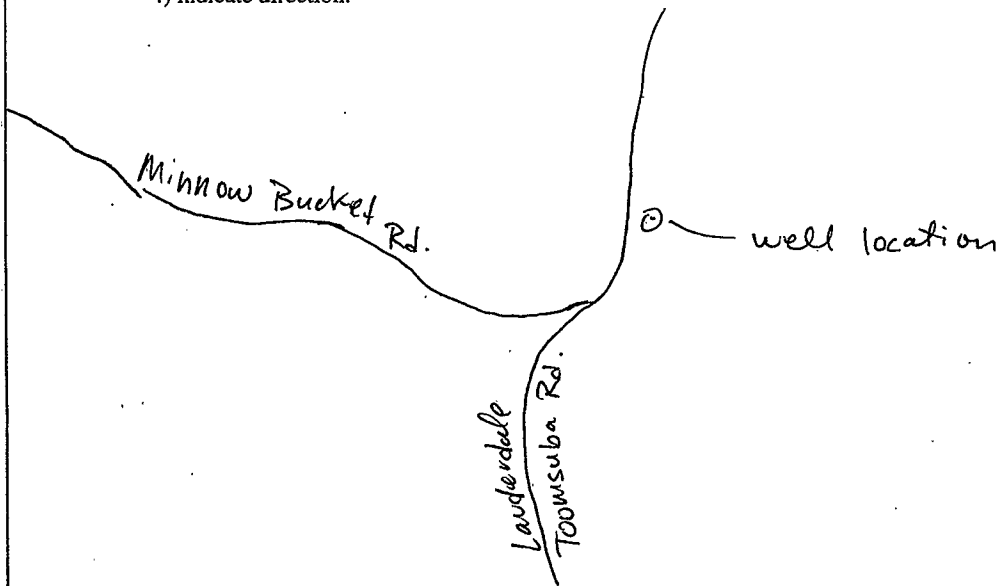
Ground Level



Description of Formations Encountered	From	To
clay	0	8
sand / clay streaks	8	20
shale	20	60
sand	60	80
shale	80	90
Sandy shale	90	110
Sandy	110	130
Shale	130	140
Sandy shale	140	160
Coarse sand	160	175
shale	175	180
Coarse sand	180	201

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

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) indicate direction.



Landowner Name: Dalewood Property Owners Association

*Ronald Hill*

Signature of Water Well Contractor

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# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: J-133  
 Elevation: \_\_\_\_\_

County: Lauderdale  
 Permit #: \_\_\_\_\_  
 Driller: McDonald-Hill, Inc.  
 Date completed: 4-15-08

**This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.**

Well Owner Information	Well Location
Owner Name: <u>Dalewood Property Owners Ass.</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>8905 Launch Drive</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Lauderdale</u> <u>Ms.</u> <u>39335</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>01</u> Twn <u>07N</u> Rng <u>17E</u>
Telephone No. <u>(601) 632-4811</u>	Distance Direction Nearest Town
	<u>3</u> Miles <u>S</u> of <u>Lauderdale</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>7.5</u>
Date Pump Installed: <u>4-15-08</u>	Setting Depth: <u>105</u> feet
Rated Pump Capacity: <u>230</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4-1-08</u>	Air Line Electric Measuring Line <u>Steel Tape</u> <input type="radio"/>
Static Water Level (A): <u>49</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>9</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>58</u> Feet Below Land Surface	Well yielded <u>100+</u> GPM with a drawdown of
Test Pumping Rate: <u>100</u> Gallons Per Minute	<u>9</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

McDonald + Hill, Inc. #0-8 Donald Hill  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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