

State Well Report

Part 1 - Driller's Log

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)

County: Pike
Permit #: _____
Driller: Fitzgerald Well Services
Date drilling completed: 5-2-07

For Office Use Only:
Aquifer: _____
Well #: C-112
L. S. Elevation: _____
E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Durham Farms</u>	Latitude: <u>31° 16' 32.7"</u> Longitude: <u>90° 18' 17.5"</u>
Mailing Address: <u>West Topiary Rd.</u>	Method of Lat/Long (circle one): <u>38</u> Conventional Survey, <u>17</u>
City _____ State _____ Zip Code _____	USGS quad, Hand-held GPS, Survey-grade GPS <u>NE 1/4 NW 1/4 Sec 33 Twn 4N Rng 9E</u>
Telephone No. (____) _____	Distance _____ Miles _____ Direction _____ of _____ Nearest Town _____

Well / Borehole Data

Date drilling started: 5-2-07 Date drilling completed: 5-2-07 Hole depth: 165' Hole diameter: 7"

Location of the source of any surface water used for drilling: _____
Method of dosing and volume of Chlorine used in drilling and development: _____

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: Houses & goats

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 70' feet above or below (circle one) land surface Date measured: 5-2-07

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

Well depth: 165' Well grouted to a depth of 10' feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 145' feet Casing diameter: 4" inches Type of casing: Pvc

Screen length: 20' feet Screen diameter: 4" inches Type of screen: Pvc

Screen slot size: 012/016 inches Setting depth: From _____ feet to _____ 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: _____ feet. **If telescoped or more than one screen, describe on next page**

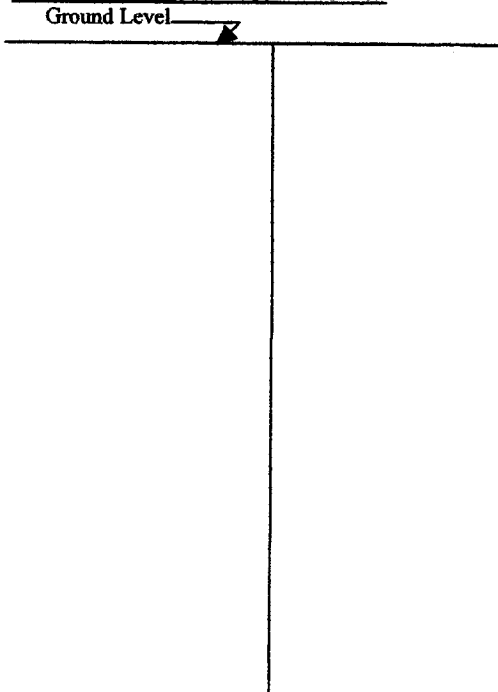
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MAY 29 2007

BY: OLWF

The sketch below only required for water wells

If well telescopes, show depths on sketch.

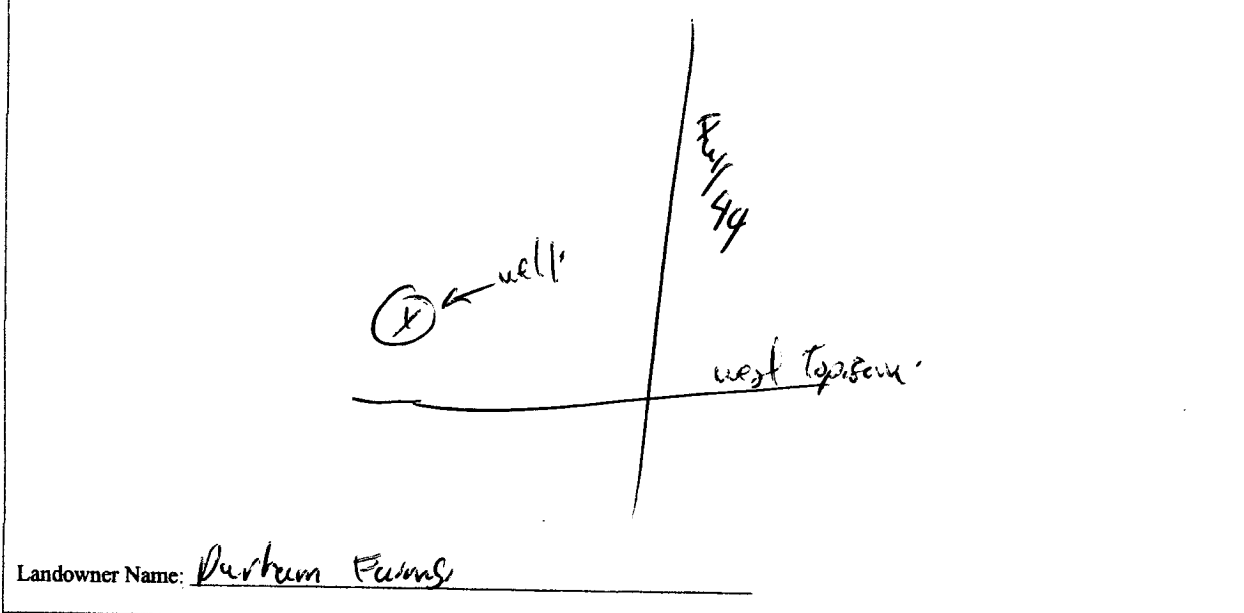


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
clay	0	20
silt	20	60
sand.	60	80
clay	80	100
sand.	100	140
course sand.	140	165

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) a north arrow.



I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Burd Fitzgerald License No. 029 Date 5-2-07

Burd Fitzgerald
Signature of Licensee

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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)

County: Pike
 Permit #: _____
 Driller: Fitzgerald Well Serv
 Date completed: 5-2-07
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: C-112
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Durham Farms</u>	Latitude: <u>31° 16' 37.7"</u> Longitude: <u>90° 18' 17.5"</u>
Mailing Address: <u>West Topscum Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
_____	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
_____	_____ ¼ _____ ¼ Sec _____ T _____ R _____
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____
Telephone No. (____) _____	_____ Miles _____ of _____

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>5-2-07</u>	Setting Depth: <u>120'</u> feet
Rated Pump Capacity: <u>65</u> Gallons Per Minute	Number of Stages: _____

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

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

Brad Fitzgerald Brad Fitzgerald
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B
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 MAY 29 2007
 BY: OLWR