

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 Service
Date drilling completed: 4-26-05

For Office Use Only:
Aquifer: _____
Well #: L-142
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>Teddy Joe Furtenberg</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Emerald State Inc</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Progress</u> <u>MS</u>	_____ 1/4 _____ 1/4 Sec <u>11</u> Twn <u>1N</u> Rng <u>8E</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. (____) _____	<u>3</u> Miles <u>West</u> of <u>Progress</u>

Well / Borehole Data

Date drilling started: 4-26-05 Date drilling completed: 4-26-05 Hole depth: 112' Hole diameter: 8"

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: Poultry House

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

Static Water Level: 30' feet above or below (circle one) land surface Date measured: 4-26-05

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

Well depth: 112' Well grouted to a depth of 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 102' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 10' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: .012 inches Setting depth: From 102' feet to 112' 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**

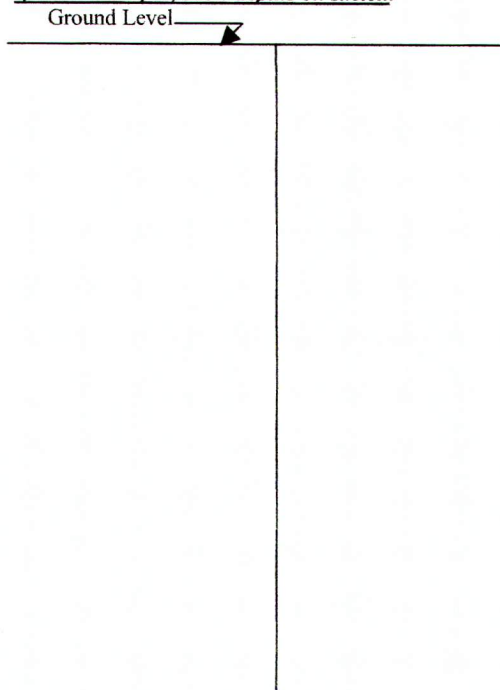
Form: OLWR-SWR-1A

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L-142

The sketch below only required for water wells

If well telescopes, show depths on sketch.

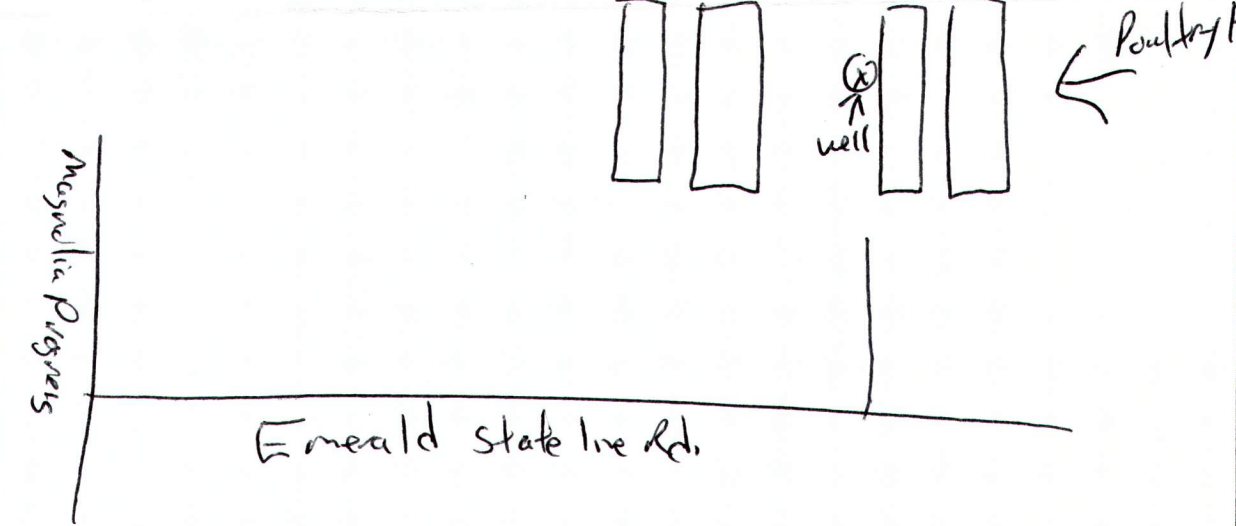


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) To (depth)	
	Ground Level	
Clay	0	20
Sand/gravel	20	60
Clay	60	80
Fine sand	80	100
Coarse Sand	100	112

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.



Landowner Name: Teddy Joe Fortenberry

Form: OLWR-SWR-1A

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.

Print Name of Responsible Licensee and License No. Brad Fitzgerald 024 42605

Signature of Licensee Brad Fitzgerald

Date

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 Service
 Date completed: 4-26-05
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: L-142
 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

Owner Name: Teddy Joe Furkenberg
 Mailing Address: Emerald State Trk Rd
Progress MS
 City State Zip Code
 Telephone No. (____) _____

Well Location

Latitude: _____ Longitude: _____
 Method of Lat/Long (check one): Conventional Survey____
 USGS quad____, Hand-held GPS____, Survey-grade GPS____
 _____ ¼ _____ ¼ Sec 11 T IN R 8E
 Distance Direction Nearest Town
4 Miles west of Progress

Pump Type
Circle one

Air Lift Jet Submersible
 Bucket Piston Turbine
 Centrifugal Rotary Flowing Well
 Other (specify): _____
 Date Pump Installed: 4-26-05
 Rated Pump Capacity: 30 Gallons Per Minute

Power Type
Circle one

Diesel Engine Gasoline Engine Natural Gas
Electric Motor Hand Tractor PTO
 Windmill Other (specify): _____
 Horse Power Rating of Motor: 2 HP
 Setting Depth: 80' feet
 Number of Stages: ?

Pump Test Data

Date Well Tested: _____
 Static Water Level (A): _____ Feet Below Land Surface
 Pumping Water Level (B): _____ Feet Below Land Surface
 Drawdown [(B) - (A)]: _____ Feet Below Land Surface
 Test Pumping Rate: _____ Gallons Per Minute
 Duration of Pump Test (minimum 4 hours): _____ hours

Method of Measuring Water Level
Circle one

Air Line Electric Measuring Line Steel Tape
 Other (specify): _____
 For flowing well, measured shut in head: _____ feet
 Well yielded _____ GPM with a drawdown of
 _____ feet after _____ hours of pumping

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

Brad Fitzgerald 029 Brad Fitzgerald
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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