

# State Well Report

## Part I

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 #: E-109  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Desoto  
Permit #: 6W42912  
Driller: Delta Drilling of Tunica Inc.  
Date drilling completed: 10-30-08

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>Shea Leatherman</u>	Latitude: <u>N 34° 56' 733"</u> Longitude: <u>E 10° 09' 160"</u>
Mailing Address: <u>Riverfield Farms</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>P.O. Box 97</u>	USGS quad: <u>Hand-held GPS</u> , Survey-grade GPS
<u>Robinsonville</u> Ills. <u>38676</u>	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec. <u>4</u> Twn <u>28</u> Rng <u>9W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(901) 218-8525</u>	<u>.5</u> Miles <u>South</u> of <u>Wells, Ills.</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 10-30-08 Date well drilling completed: 10-30-08

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

Static Water Level: 14 feet above or below (circle one) land surface Date measured: 11-3-08

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

Hole depth: 100' Well depth: 96' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 56 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 56 feet to 96 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 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.

Delta Drilling of Tunica Inc. # 0674 Alan Pyle  
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

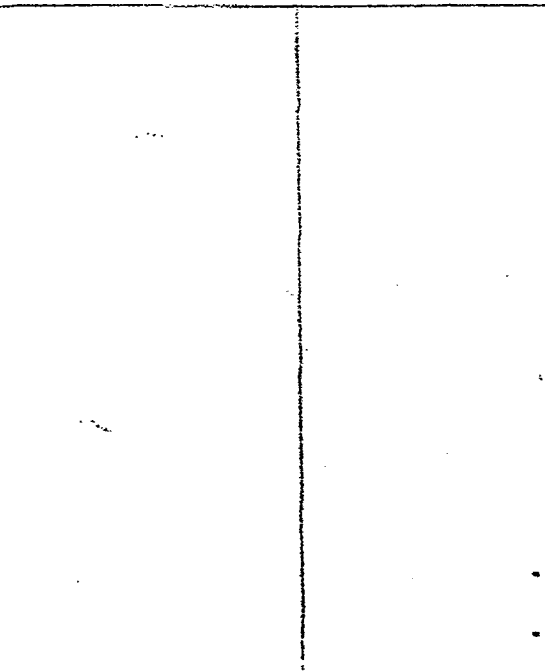
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BY: OLWR

GW42912

E-109

If well telescopes please sketch below and show depths.

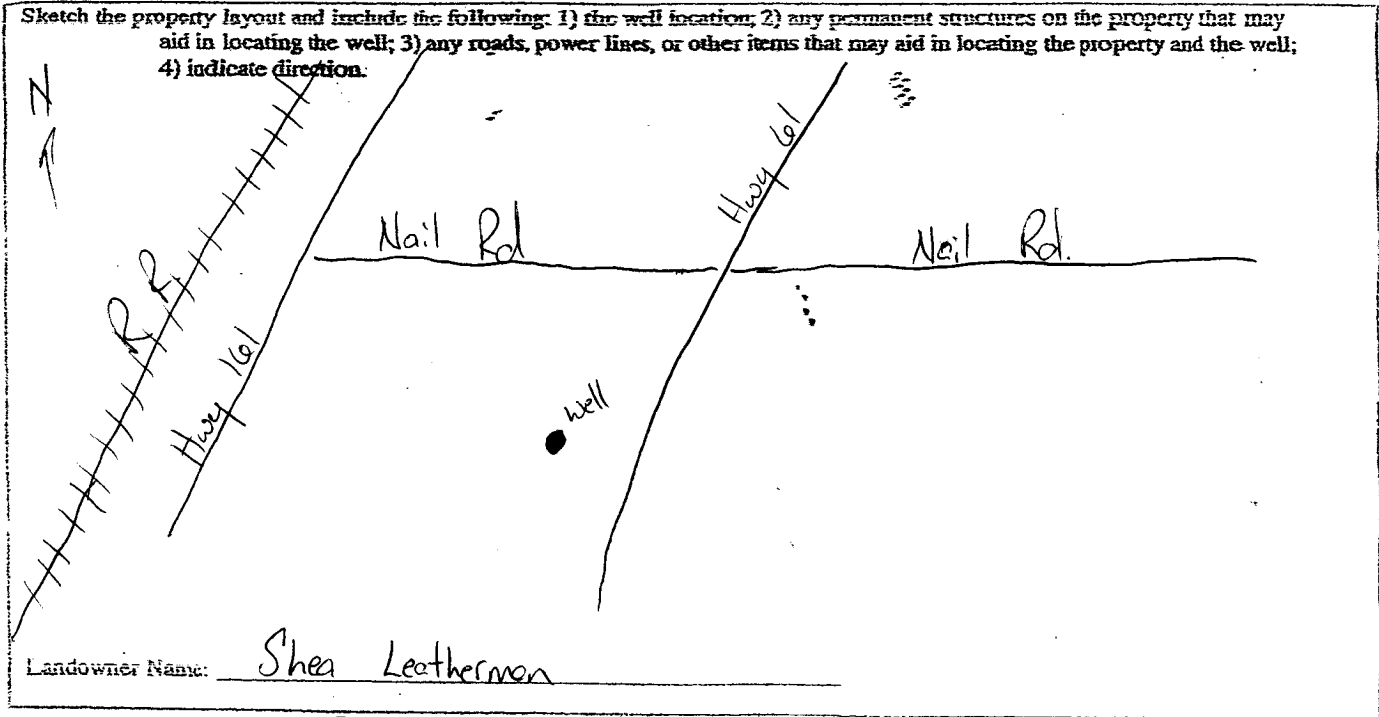
Ground Level



Description of FORMATIONS Encountered

Description of FORMATIONS Encountered	From	To
loamy soil	0	8
loamy soil / sand	9	35
fine sand	36	45
sand and gravel formation	46	100

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



Alan Pyler  
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)334-6938 (fax)

*For Office Use Only:*

Aquifer: \_\_\_\_\_

Well #: E-109

Elevation: \_\_\_\_\_

County: Desoto  
Permit #: GW42912  
Driller: Delta Drilling of Tunica Inc.  
Date completed: 11-3-08

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>Shea Leatherman</u>	Latitude: <u>N34° 56' 733</u> Longitude: <u>W090° 09' 160</u>
Mailing Address: <u>Riverfield Farms</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>P.O. Box 97</u>	USGS used: <u>Hand-held GPS</u> Survey-grade GPS
<u>Robinsonville Ms. 38864</u>	<u>SW</u> ¼ <u>NE</u> ¼ Sec <u>4</u> Twp <u>2S</u> Rng <u>9W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(901) 218-8525</u>	<u>.5</u> miles <u>South</u> of <u>Wells Ms.</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine <u>Neutral Gas</u>
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary <u>Flowing Well</u>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>25</u>
Date Pump Installed: <u>11-3-08</u>	Setting Depth: <u>50</u> feet
Rated Pump Capacity: <u>1600</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <u>Electric Measuring Line</u> <u>Steel Tape</u>
Static Water Level (A): _____ Foot Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Foot Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown (B) - (A): _____ Foot 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.

Delta Drilling of Tunica Inc. # 0674  
Print Name of Pump Installer and License No. (if applicable)

Alan Pyle  
Signature of Pump Installer

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