

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 #: Ø - 70
L. S. Elevation: _____
E-log #: _____

County: Lincoln
Permit #: _____
Driller: GRENN WATER WELL & SUPPLY, INC
Date drilling completed: 10/20/05

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>Dean Lofton</u>	Latitude: <u>31° 24' 79.6"</u> Longitude: <u>90° 36' 75.4"</u>
Mailing Address: <u>2507 Dalton Ln SW</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Smithdale MS 39664</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 9 Twn 5N Rng 6E</u>
Telephone No. <u>(601) 695-9001</u>	Distance Direction Nearest Town
	<u>5 Miles SW of West Lincoln</u>

Well Data	
Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: <u>water cattle</u>	
Date well drilling started: <u>10/20/05</u>	Date well drilling completed: <u>10/20/05</u>
If flowing, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>150</u> feet above or <u>below</u> (circle one) land surface	Date measured: <u>10/20/05</u>
Method of Measurement (circle one) steel tape <u>electric tape</u> air line other: _____	
Hole depth: <u>295</u> Well depth: <u>285</u> Well grouted to a depth of <u>10</u> feet	
Type of grout (circle one): Cement <u>Bentonite</u> Mix	
Casing length: <u>275</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>10</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>1010</u> inches Setting depth: From <u>275</u> feet to <u>285</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> 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): <u>No log run</u> 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.

GRENN WATER WELL & SUPPLY, INC.
Brian McClendon, lic. no. 0-664

Brian McClendon
Signature of Water Well Contractor

Print Name of Water Well Contractor and License No.

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BY: OLWR

If well telescopes please sketch below and show depths.

ϕ - 70

Ground Level

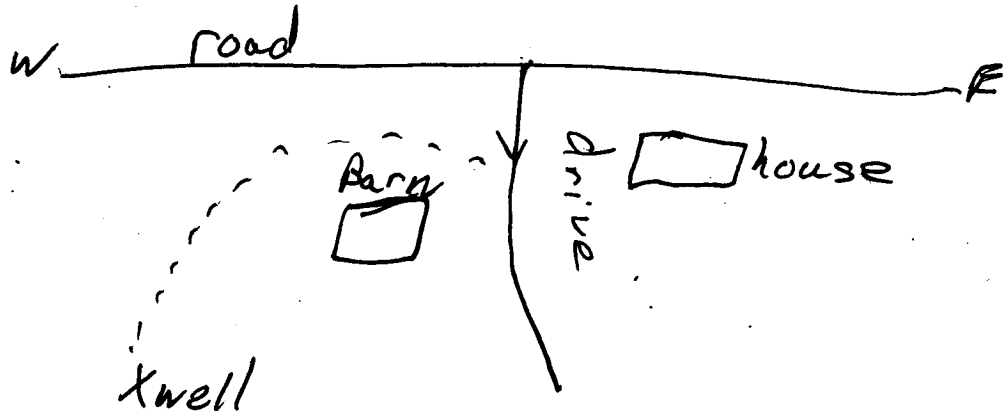
[Blank area for well telescope sketches]

Description of Formations Encountered	From	To
red clay	0	20
streaky - sand / clay	20	56
white clay	56	96
blue clay	96	255
sand	255	272
blue clay	272	286

I hit a log at 272 ft. and circulated wood in my mud pit. The wood was soft.

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: Dean Lofton

Brian McClendon
Signature of Water Well Contractor

Brian McClendon, lic. no. 0-664
GRENN WATER WELL & SUPPLY, INC.

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 #: Q-70
Elevation: _____

County: Lincoln
Permit #: _____
Driller: GRENN WATER WELL & SUPPLY, INC.
Date completed: 12/18/05

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>Dean Lofton</u>	Latitude: <u>31° 24' 76.9"</u> Longitude: <u>90° 36' 75.4"</u>
Mailing Address: <u>2507 Lofton Ln SW</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Smithdale MS 39664</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW 1/4 NW 1/4 Sec Twn 5N Rng 6E</u>
Telephone No. <u>(601) 695-9001</u>	Distance Direction Nearest Town <u>5 Miles SW of West Lincoln</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>12/18/05</u>	Setting Depth: <u>180</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12/18/05</u>	Air Line <input type="radio"/> <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>150</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>160</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>10</u> Feet Below Land Surface	Well yielded <u>12</u> GPM with a drawdown of
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>10</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.

GRENN WATER WELL & SUPPLY, INC.
William Hardin, lic. no. 0-717P
Print Name of Pump Installer and License No. (if applicable)

William Hardin
Signature of Pump Installer

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