

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 #: ~~F-302~~ 461
L. S. Elevation: _____
E-log #: _____

County: Harrison 047
Permit #: 0339
Driller: McGill Pump & Well
Date drilling completed: 04/20/05

McGill Pump and Well

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>Richard Thorsten</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>14189 S. County Hills</u> <u>* Echo Hills</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>GPT MS 39525</u> City State Zip Code	<u>1/4 1/4 Sec 36 Twn 6 S Rng 12 W</u>
Telephone No. <u>(775) 832-3400</u>	Distance Direction Nearest Town <u>10 Miles N-W of GPT</u>

Well Data

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

Date well drilling started: 04/18/05 Date well drilling completed: 04/20/05

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

Static Water Level: 100 feet above or below (circle one) land surface Date measured: 04/20/05

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

Hole depth: 530' Well depth: 520' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 500 feet Casing diameter: 4x3 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: 0.026 inches Setting depth: From 507 feet to 520 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.

McGill Pump & Well 0339
Print Name of Water Well Contractor and License No.

Michael McSue
Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

Ground Level

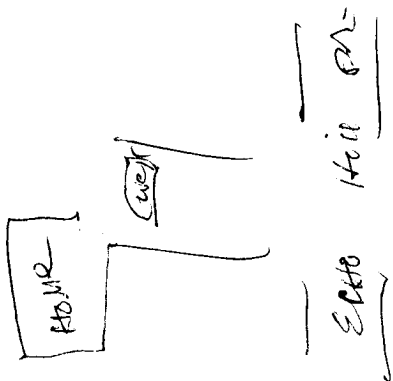
320 = 4"
300 = 2"

F- ~~461~~ 461

Description of Formations Encountered	From	To
MUD (RED)	0	80
MUD (Blue)	80	160
SAND (Blue)	160	220
MUD (Blue)	220	480
SAND (Blue)	480	520

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: RICHARD THORSTEN

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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 #: F-~~202~~ 461
 Elevation: _____

County: Harrison
 Permit #: 0239
 Driller: McGill Pump & Well
 Date completed: 04-20-05

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>RICHARD THORSTEN</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>14189 S. Country Hills</u> <u>* Echo Hills</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>GPT. MS 39203</u>	_____ 1/4 _____ 1/4 Sec <u>36</u> Twn <u>6S</u> Rng <u>13W</u>
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____
Telephone No. <u>(228) 832-3400</u>	<u>10</u> Miles <u>N.W.</u> of <u>GPT.</u>

Pump Type Circle one	Power Type Circle one
Air Lift _____ Jet _____ <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 1/2</u>
Date Pump Installed: <u>04/20/05</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>24</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>04/20/05</u>	Air Line _____ Electric Measuring Line _____ <u>Steel Tape</u>
Static Water Level (A): <u>107</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>140</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>20</u> Feet Below Land Surface	Well yielded <u>24</u> GPM with a drawdown of
Test Pumping Rate: <u>24</u> Gallons Per Minute	<u>30</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.

McGill Pump & Well 0239

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