

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 #: L-80
L.S. Elevation: _____
E-log #: _____

County: Wayne
Permit #: _____
Driller: John W. Thompson
Date drilling completed: 6-15-05

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>Hardee Energy</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1907 Dunbarton Dr. Suite A</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Jackson MS</u>	_____ 1/4 _____ 1/4 Sec <u>16</u> Twn <u>8N</u> Rng <u>9W</u>
City State Zip Code	Distance Direction Nearest Town <u>4</u> Miles <u>N</u> of <u>Strengthenford</u>
Telephone No. (____) _____	

Well Data

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

Date well drilling started: 6-15-05 Date well drilling completed: 6-15-05

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

Static Water Level: 42 feet above or below (circle one) land surface Date measured: 6-15-05

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

Hole depth: 200 Well depth: 200 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length 180 feet Casing diameter: 4 inches Type of casing: PVC

Screen length 20 feet Screen diameter: 4 inches Type of screen: PVC slotted

Screen slot size: .020 inches Setting depth: From 180 feet to 200 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.

John W. Thompson 0-0679
Print Name of Water Well Contractor and License No.

John W. Thompson
Signature of Water Well Contractor

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L-80

If well telescopes please sketch below and show depths.

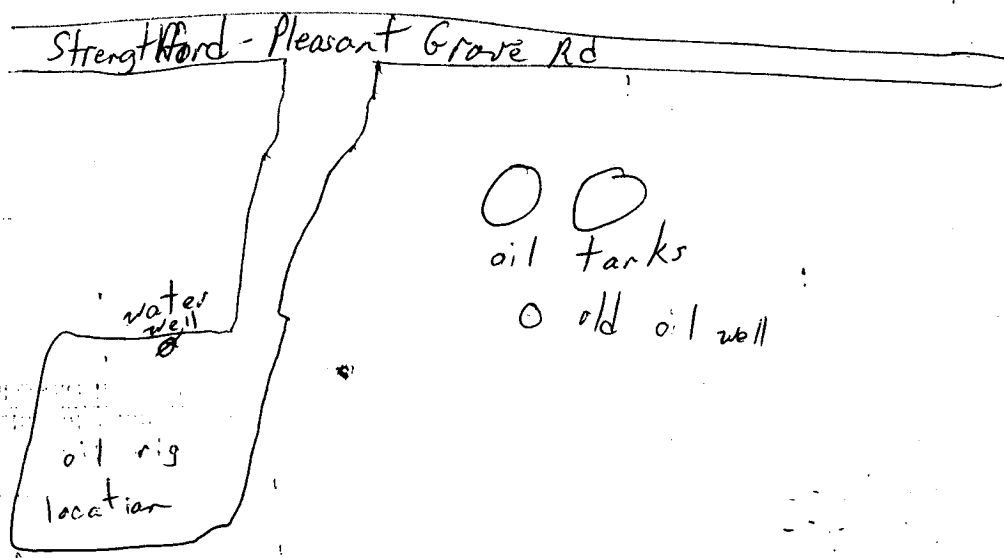
Ground Level

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

Description of Formations Encountered	From	To
fine sand & clay strips	0	30
clay	30	130
fine sand	130	180
ver coarse sand	180	200

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: Hardee Energy

John W. Thompson
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)354-6938 (fax)

For Office Use Only:

Aquifer: _____

Well #: L-80

Elevation: _____

County: Wayne
Permit #: _____
Driller: John W. Thompson
Date completed: 6-15-05

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>Hardee Energy</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1907 Dunbarton St Suite A</u> <u>Jackson MS</u>	Method of Lat/Long (circle one): Conventional Survey: USGS quad, Hand-held GPS, Survey-grade GPS
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>16</u> Twp <u>8N</u> Rng <u>9W</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____ <u>4</u> Miles <u>N</u> of <u>Strengthenford</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>5</u>
Date Pump Installed: <u>6-17-05</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-17-05</u>	Air Line _____ Electric Measuring Line _____ Steel Tape _____
Static Water Level (A): <u>42</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>60</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown ((B) - (A)): <u>18</u> Feet Below Land Surface	Well yielded <u>100</u> GPM with a drawdown of
Test Pumping Rate: <u>100</u> Gallons Per Minute	<u>18</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.
Print Name of Pump Installer and License No. (if applicable) _____ Signature of Pump Installer _____

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