

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 #: K-186
L. S. Elevation: _____
E-log #: _____

033

County: Desoto
Permit #: _____
Driller: James W. Mason
Date drilling completed: 9-21-04
MASON Water Wells, LLC

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>Venture Development</u>	Latitude: <u>34° 49' 32.6"</u> Longitude: <u>090° 02' 47.0"</u>
Mailing Address: <u>LOT 15</u> <u>Oakmount Cove</u> <u>Oak Grove Manor Subdivision</u>	Method of Lat/Long (circle one): <u>23</u> Conventional Survey,
<u>hennico</u> <u>ms</u> <u>38632</u> City State Zip Code	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
Telephone No. <u>(662) 429-8092</u>	<u>NW 1/4 SW 1/4 Sec 16 T2N 35 R8W</u>
	Distance Direction Nearest Town <u>1</u> Miles <u>SE</u> of <u>Tree's corners</u>

Well Data

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

Date well drilling started: 9-20-04 Date well drilling completed: 9-20-04

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

Static Water Level: 55 feet above or below (circle one) land surface Date measured: 9-20-04

Method of Measurement (circle one) steel tape electric tape air line other: string and weight

Hole depth: 110' Well depth: 100' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 90' feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 10 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 80 feet to 90 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: NA 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.

James W. Mason 0-620
Print Name of Water Well Contractor and License No.

James W. Mason
Signature of Water Well Contractor

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OCT 11 2004

BY: OLWR

If well telescopes please sketch below and show depths.

Ground Level

K-186

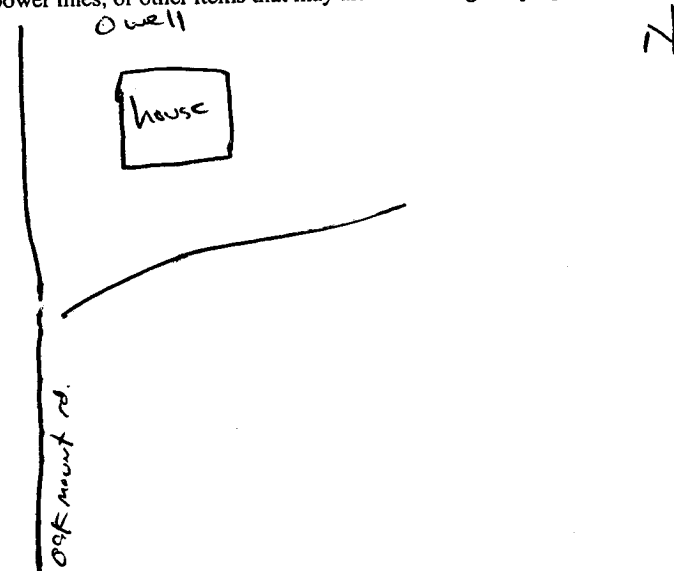
Description of Formations Encountered

From To

Description of Formations Encountered	From	To
Clay d. silt.	0	25
gravel	25	50
Blue clay	50	60
gravel	60	110

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: Venture Developers S

James W. Moore
Signature of Water Well Contractor

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report

County: Desoto
 Permit #: _____
 Driller: Jones W. Moser
 Date completed: 9-21-04

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 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
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 (601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
 Well #: K-186
 Elevation: _____

This report must be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.

Well Owner Information	Well Location
Owner Name: <u>Venture Development</u> <u>LOT 15</u>	Latitude: <u>34-49.376</u> Longitude: <u>090.02-470</u>
Mailing Address: <u>Oakmont Cove</u> <u>Oak Grove Manor subdivision</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>herndon</u> <u>ms</u> <u>38632</u> City State Zip Code	<u>NW</u> ¼ <u>SW</u> ¼ Sec <u>16</u> Twn <u>3S</u> Rng <u>8W</u>
Telephone No. <u>(662) 429-8092</u>	Distance Direction Nearest Town <u>1</u> Miles <u>SE</u> of <u>freese corner</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 hp</u>
Date Pump Installed: <u>9-21-04</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9-21-04</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>55</u> Feet Below Land Surface	Other (specify): <u>string and weight</u>
Pumping Water Level (B): <u>NA</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>NA</u> feet
Drawdown [(B) - (A)]: <u>NA</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>NA</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

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

Jones W. Moser Jones W. Moser
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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34° 49' 22"N, 90° 02' 28"W (WGS84/NAD83)

USGS **Frees Corners** Quad

View *TopoZone Pro* aerial photos, shaded relief, street maps, interactive coordinate display, and elevation data

USGS Topo Maps

- 1:24K/25K Series
- 1:100K Series
- 1:250K Series

Map Size

- Small
- Medium
- Large

View Scale

1 : 50,000

Update Map

Coordinate Format

D/M/S

Coordinate Datum

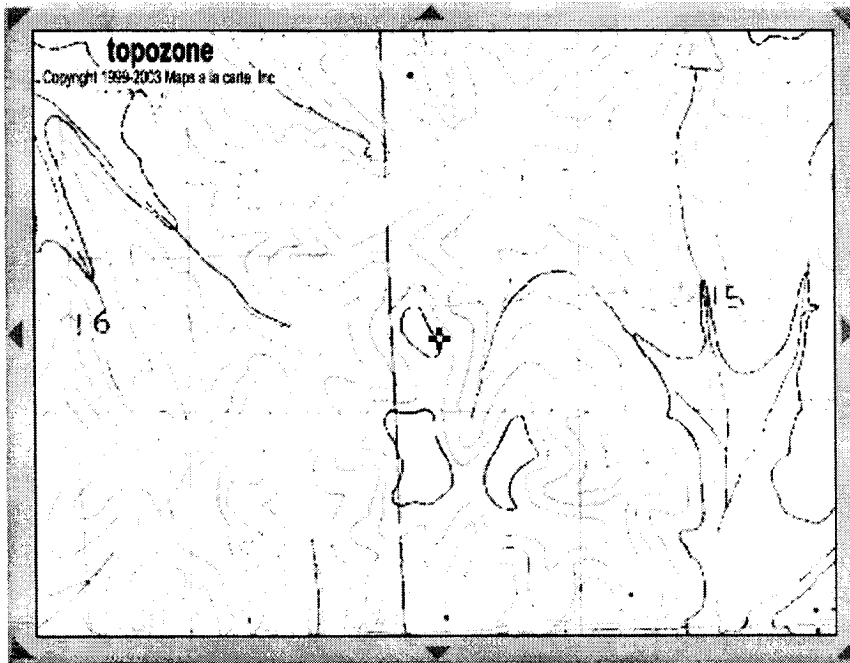
WGS84/NAD83

Show target

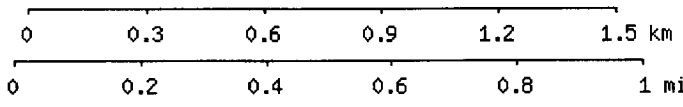
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Desoto
K-186



M=0.055
G=1.691
What's This?

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