

County: Desoto 033
 Permit #: _____
 Driller: Jones W. Masow
 Date drilling completed: 2-28-05

Well Driller Report and Well Log

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 #: G-91
 L. S. Elevation: _____
 E-log #: _____

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>Steve Barnett</u>	Latitude: <u>34.55.031</u> "	Longitude: <u>89.53.375</u> "	<u>02</u> <u>23</u>
Mailing Address: <u>3925 Pleasant Hill</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> , Conventional Survey, USGS quad, Survey-grade GPS		
<u>Oliver Branch, MS 38654</u>	NW 1/4 NE 1/4 Sec <u>13</u> Twn <u>7W</u> Rng <u>2S</u>		
City State Zip Code	Distance <u>1/4</u> Miles Direction <u>NE</u> of Nearest Town <u>Pleasant Hill</u>		
Telephone No. <u>(901) 486-0942</u>			

Well Data

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

Date well drilling started: 2-28-05 Date well drilling completed: 2-28-05

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

Static Water Level: 140' feet above or below (circle one) land surface Date measured: 2-28-05

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

Hole depth: 210' Well depth: 210' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 190' feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 190 feet to 210 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.

Jones W. Masow 0-620 Jones W. Masow
 Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

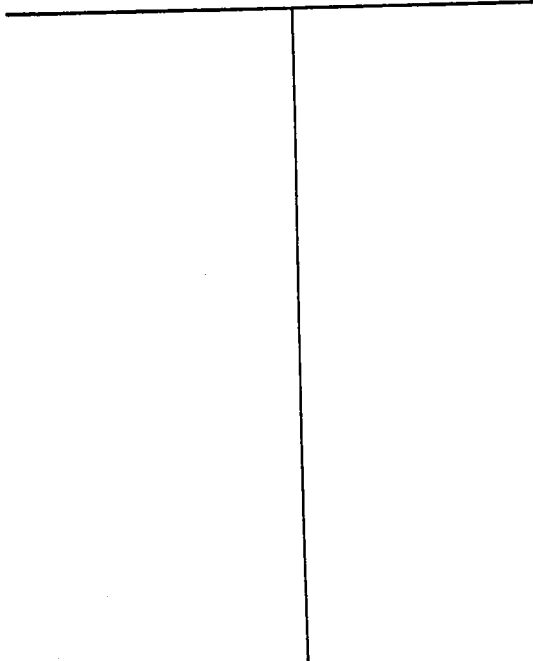
If well telescopes please sketch below and show depths.

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6-91

- If well telescopes please sketch below and show depths.

Ground Level



Description of Formations Encountered	From	To
clay dirt	0	30
gravel-	30	65
Rock	65	75
Blue clay	75	90
fine sand	90	130
white clay	130	140
white sand	140	210

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: Steve Barnett

James W. Mason
 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 #: G-91

Elevation: _____

County: Desoto

Permit #: _____

Driller: Jones W. Mason

Date completed: 2-28-05

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>Steve Barnett</u>	Latitude: <u>34-55.031</u> Longitude: <u>089.53.375</u>
Mailing Address: <u>3925 Pleasant Hill</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Air Branch, MS 38654</u>	<u>NW 1/4 NE 1/4 Sec 13 Twn 7w Rng 28</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(901) 486-0942</u>	<u>1/4</u> Miles <u>NE</u> of <u>Pleasant Hill</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>2-28-05</u>	Setting Depth: <u>170'</u> feet
Rated Pump Capacity: <u>18</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-28-05</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>140</u> Feet Below Land Surface	Other (specify): <u>string/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>18</u> GPM with a drawdown of
Test Pumping Rate: <u>18</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. Mason _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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