

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-64
L. S. Elevation: _____
E-log #: _____

County: Jeff Davis
Permit #: _____
Driller: JAMES WELLS
Date drilling completed: 6-13-05

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>B. W. Burkhalter Farms</u>	Latitude: _____° _____' _____" Longitude: _____° _____' _____"	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS	
Mailing Address: <u>10 Terrell Rd</u> <u>Prentiss, MS 39474</u>	City: _____ State: _____ Zip Code: _____	Distance: _____ Miles Direction: <u>North</u> of Nearest Town: <u>Brookfield</u>	
Telephone No. <u>601 792-5735</u>			
Well Data			
Purpose of Well (circle one) Home <input checked="" type="radio"/> Industrial <input type="radio"/> Public Supply <input type="radio"/> Irrigation <input type="radio"/> Fish Culture <input type="radio"/> Other: _____			
Date well drilling started: <u>6-13-05</u> Date well drilling completed: <u>6-13-05</u>			
If flowing, method of flow regulation: Valve _____ Other (describe) _____			
Static Water Level: <u>100</u> feet above or below (circle one) land surface Date measured: <u>6-13-05</u>			
Method of Measurement (circle one) <input checked="" type="radio"/> steel tape <input type="radio"/> electric tape <input type="radio"/> air line <input type="radio"/> other: _____			
Hole depth: <u>220</u> Well depth: <u>220</u> Well grouted to a depth of <u>10</u> feet			
Type of grout (circle one): <input checked="" type="radio"/> Cement <input type="radio"/> Bentonite <input type="radio"/> Mix			
Casing length: <u>200</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>			
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>			
Screen slot size: <u>008</u> inches Setting depth: From <u>200</u> feet to <u>220</u> feet			
Type of completion (circle all applicable): <input checked="" type="radio"/> Gravel packed <input type="radio"/> Underreamed <input type="radio"/> Telescoped <input type="radio"/> Open hole <input type="radio"/> 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): <input checked="" type="radio"/> No log run <input type="radio"/> Electric <input type="radio"/> Gamma Ray <input type="radio"/> Density <input type="radio"/> Sonic <input type="radio"/> Neutron <input type="radio"/> 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.			
<u>JAMES WELLS</u> <u>0-586</u>		<u>James Wells</u>	
Print Name of Water Well Contractor and License No.		Signature of Water Well Contractor	

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If well telescopes please sketch below and show depths.

F-64

Ground Level

Large empty rectangular area for sketching well telescopes and depths.

Description of Formations Encountered	From	To
Clay	0	20
Sand	20	160
Red mud	160	160
Sand	160	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.

The sketch shows a property layout with a well labeled 'HX 84' at the top center. A horizontal line represents a road or boundary. Below it, a vertical line indicates the well's location. To the right of the well, a horizontal line is labeled 'Chicken House'. Further down, the text '117 35 NORTH' is written vertically. At the bottom right, the word 'Paradisefield' is written. At the bottom left, the landowner's name is written: 'Landowner Name: B. W. Burkhalter Farms'.

Signature of James Wells, 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 #: F-64

Elevation: _____

County: Jeff Davis

Permit #: _____

Driller: JAMES WELLS

Date completed: 6-13-05

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>B.W. Burkhalter Farms</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>10 Terrell Rd</u> <u>Prentiss, MS 39474</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City _____ State _____ Zip Code _____	<u>1/4</u> _____ <u>1/4</u> Sec <u>6</u> Twn <u>18W</u> Rng <u>7N</u>
Telephone No. <u>601 792-5735</u>	Distance _____ Direction _____ Nearest Town _____ <u>2</u> Miles <u>North</u> of <u>Passfield</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>6-13-05</u>	Setting Depth: <u>6-13-05</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>13</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-13-05</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>100</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>100</u> Feet Below Land Surface	Well yielded <u>55</u> GPM with a drawdown of
Test Pumping Rate: <u>55</u> Gallons Per Minute	<u>160</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.

JAMES WELLS 0-586
Print Name of Pump Installer and License No. (if applicable)

James Wells
Signature of Pump Installer

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