

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

Agitator: _____
 Well #: K-123
 I. S. Elevation: _____
 Log #: _____

County: Humphreys
 Permit #: _____
 Driller: Ernest M. "Bud" Cresswell
 Date drilling completed: 12-15-05

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>BART BARRACK</u>	Latitude: <u>91.35.15</u>	Longitude: <u>32.55.15</u>	
Mailing Address: <u>BARRACK FARMS</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey		
<u>85 BARRACK RD</u>	<input checked="" type="radio"/> USGS quad <input type="radio"/> Hand-held GPS <input type="radio"/> Survey-grade GPS		
<u>Yazoo City, MS 39194</u>	<u>34</u> W <u>4W</u> S	<u>13N</u> Twp	Rng
City State Zip Code	Distance: <u>5</u> Miles	Direction: <u>WEST</u>	Nearest Town: <u>Yazoo City</u>
Telephone No: <u>(662) 836-5186</u>			

Well Data

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

Date well drilling started: 12-15-05 Date well drilling completed: 12-15-05

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

Static Water Level: 21 feet above or below (circle one) land surface Date measured: 12-15-05

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

Hole depth: 120 Well depth: 120 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 100 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: .016 inches Setting depth: From 100 feet to 120 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: X 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.

Ernest M. "Bud" Cresswell 0-150 Ernest M. Cresswell
 Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

K-113

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
SURFACE DEPOSITS	0	40
SAND-GRAVEL	40	120

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: BART BARRACK

Ernest M. Cimwell 0-150
Signature of Water Well Contractor

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 #: K-123

Elevation: _____

County: Humphreys

Permit #: _____

Driller: E.M. Bud Cresswell

Date completed: 12-16-05

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>BART BARRACK</u>	Latitude: <u>90-35-15</u> Longitude: <u>32-55-15</u>
Mailing Address: <u>BARRACK FARMS</u> <u>85 BARRACK RD -</u> <u>YAZOO CITY MS 39194</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, <u>USGS quad</u> , Hand-held GPS, Survey-grade GPS
Telephone No. <u>(662) 836-5186</u>	$\frac{1}{4}$ Sec <u>34</u> Twp <u>4W</u> Rng <u>13N</u>
	Distance Direction Nearest Town <u>5</u> Miles <u>WEST</u> of <u>YAZOO CITY</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>12-16-05</u>	Setting Depth: <u>63</u> feet
Rated Pump Capacity: <u>20</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <u>Steel Tape</u> <input checked="" type="checkbox"/>
Static Water Level (A): _____ Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown ((B) - (A)): _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

ERNEST M. BUD CRESSWELL - 0-150 Ernest M. Cresswell
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer