

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-84
L.S. Elevation: _____
E-log #: _____

County: Coahoma
Permit #: _____
Driller: Willie L. Bryant
Date drilling completed: 4-3-07

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>Jonathan Byrd</u>	Latitude: <u>34° 12' 38" N</u> Longitude: <u>90° 38' 82" W</u>
Mailing Address: <u>Rt. 3 Box 2246 Payne Rd</u>	Method of Lat/Long (circle one): <input checked="" type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Clarksdale</u> <u>MS</u> <u>38614</u> City State Zip Code	1/4 _____ 1/4 Sec <u>18</u> Twn <u>27N</u> Rng <u>3W</u>
Telephone No. (<u>662</u>) <u>902-3172</u>	Distance <u>4.2</u> Miles Direction <u>WEST</u> of Nearest Town <u>Clarksdale</u>

Well Data

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

Date well drilling started: 4-3-07 Date well drilling completed: 4-3-07

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

Static Water Level: 18' feet above or below (circle one) land surface Date measured: 4-3-07

Method of Measurement (circle one): steel tape electric tape air line other: Rope & weight

Hole depth: 100' Well depth: 100' Well grouted to a depth of 12 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 90 feet Casing diameter: 4 inches Type of casing: PVC SCH 40

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC slotted

Screen slot size: .013 inches Setting depth: From 90 feet to 100 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: 0 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.

Willie L. Bryant 0-639 Willie L. Bryant
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

Drilled for Lockett Pump & Well

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)

County: Coahoma
 Permit #: _____
 Driller: Willie L. Bryant
 Date completed: 4/3/07

For Office Use Only:

Aquifer: _____
 Well #: K-84
 Elevation: _____

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>Jonathan Byrd</u>	Latitude: <u>N 34° 12.9820</u> Longitude: <u>W 90 38.8281</u>
Mailing Address: <u>Rt. 3 Box 2246 Payne Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
_____ City State Zip Code	____ ¼ ____ ¼ Sec ____ Twn ____ Rng
Telephone No. <u>(662) 902-3172</u>	Distance Direction Nearest Town ____ Miles ____ of _____

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	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 hp</u>
Date Pump Installed: _____	Setting Depth: <u>63</u> feet
Rated Pump Capacity: _____ Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
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.

Steve Luckett #0-721P [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 OFFICE OF LAND AND WATER RESOURCES

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes, highlighting the challenges of data integration from multiple sources.

The third section focuses on the results of the analysis. It shows a clear upward trend in the data over the period studied, which is attributed to several key factors discussed in the text.

Finally, the document concludes with a series of recommendations for future work. These include improving data collection methods and implementing more robust security measures to protect the information.

Prepared by: [Name] Date: [Date]