

# 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)

County: Simpson  
Permit #: \_\_\_\_\_  
Driller: JAMES WELLS  
Date drilling completed: 5-14-07

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: Q-64  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

**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>JACK CALDER</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>890 Hwy 478</u> <u>PENOLA MS 39149</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>33</u> Twn <u>10N</u> Rng <u>19W</u>
Telephone No. <u>601 847-3109</u>	Distance: <u>10</u> Miles Direction: <u>South</u> of Nearest Town: <u>Penola</u>

**Well Data**

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

Date well drilling started: 5-14-07 Date well drilling completed: 5-14-07

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

Static Water Level: 140 feet above or below (circle one) land surface Date measured: 5-14-07

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

Hole depth: 225 Well depth: 225 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 205 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 008 inches Setting depth: From 205 feet to 225 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: \_\_\_\_\_ 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 WELLS 0-586  
Print Name of Water Well Contractor and License No.

James Wells  
Signature of Water Well Contractor

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BY OLWR



# 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 #: Φ-64

Elevation: \_\_\_\_\_

County: Simpson

Permit #: \_\_\_\_\_

Driller: JAMES WELLS

Date completed: 5-14-07

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

Owner Name: JACK CALDER

Mailing Address: 890 HWY 478 PINOLA  
39149

SHIVERS  
City State Zip Code

Telephone No. 601 847-3109

### Well Location

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Method of Lat/Long (circle one): Conventional Survey,

USGS quad, Hand-held GPS, Survey-grade GPS

1/4 1/4 Sec 33 Twn 104 Rng 19W

Distance Direction Nearest Town

10 Miles South of Pinola MS

### Pump Type Circle one

Air Lift Jet  Submersible

Bucket Piston Turbine

Centrifugal Rotary Flowing Well

Other (specify): \_\_\_\_\_

Date Pump Installed: 5-14-07

Rated Pump Capacity: 15 Gallons Per Minute

### Power Type Circle one

Diesel Engine Gasoline Engine Natural Gas

Electric Motor Hand Tractor PTO

Windmill Other (specify): \_\_\_\_\_

Horse Power Rating of Motor: 1

Setting Depth: 180 feet

Number of Stages: 14

### Pump Test Data

Date Well Tested: 5-14-07

Static Water Level (A): 140 Feet Below Land Surface

Pumping Water Level (B): 180 Feet Below Land Surface

Drawdown [(B) - (A)]: 140 Feet Below Land Surface

Test Pumping Rate: 15 Gallons Per Minute

Duration of Pump Test (minimum 4 hours): 4 hours

### Method of Measuring Water Level Circle one

Air Line Electric Measuring Line  Steel Tape

Other (specify): \_\_\_\_\_

For flowing well, measured shut in head: \_\_\_\_\_ feet

Well yielded 15 GPM with a drawdown of

140 feet after 4 hours of pumping

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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JUN 08 2007

BY: OLWR