

Herring 13-15 #1

# 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-15  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Jasper  
Permit #: \_\_\_\_\_  
Driller: John W. Thompson  
Date drilling completed: 10-19-07

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>Basin Drilling</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 277</u> <u>Aberdeen MS</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> Sec <u>13</u> Twn <u>3N</u> Rng <u>11E</u>
Telephone No. ( ) _____	Distance: <u>6</u> Miles Direction: <u>E</u> of Nearest Town: <u>Lain</u>

**Well Data**

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

Date well drilling started: 10-18-07 Date well drilling completed: 10-19-07

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

Static Water Level: 45 feet above or below (circle one) land surface Date measured: 10-19-07

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

Hole depth: 343 Well depth: 315 Well grouted to a depth of 20 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 275 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC Slatted

Screen slot size: 0.20 inches Setting depth: From 275 feet to 315 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.

John W. Thompson 0-679  
Print Name of Water Well Contractor and License No.

John W. Thompson  
Signature of Water Well Contractor

If well telescopes please sketch below and show depths

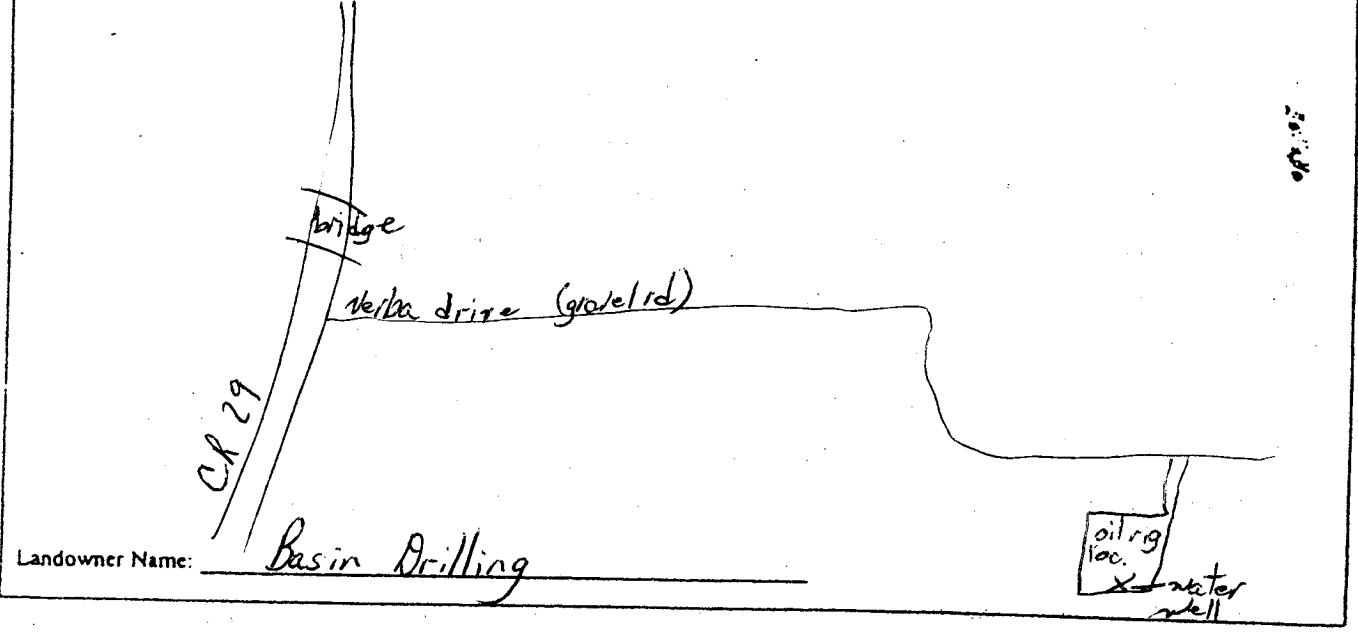
F-

Ground Level

Description of Formations Encountered	From	To
clay	0	165
rock	165	166
clay	166	200
and clay strips	200	300
sand	300	315
clay	315	347

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: Basin Drilling

John V. Thompson  
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)

County: Jasper  
Permit #: \_\_\_\_\_  
Driller: John W. Thompson  
Date completed: 10-19-07

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: F-15  
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>Basin Drilling</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 277</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Aberdeen MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>13</u> Twn <u>3N</u> Rng <u>11E</u>
Telephone No. ( ) _____	Distance _____ Direction _____ Nearest Town _____
	<u>6</u> Miles <u>E</u> of <u>Louis</u>

Pump Type Circle one	Power Type Circle one
<input type="checkbox"/> Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> <u>Submersible</u> <input type="checkbox"/> Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/> Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well Other (specify): _____	<input type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill      Other (specify): _____
Date Pump Installed: <u>10-19-07</u>	Horse Power Rating of Motor: <u>5</u>
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Setting Depth: <u>80</u> feet
	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-19-07</u>	<input type="checkbox"/> Air Line <input checked="" type="checkbox"/> <u>Electric Measuring Line</u> <input type="checkbox"/> Steel Tape Other (specify): _____
Static Water Level (A): <u>45</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Pumping Water Level (B): <u>81</u> Feet Below Land Surface	Well yielded <u>100</u> GPM with a drawdown of
Drawdown [(B) - (A)]: <u>36</u> Feet Below Land Surface	<u>36</u> feet after <u>4</u> hours of pumping
Test Pumping Rate: <u>100</u> Gallons Per Minute	
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.

John W. Thompson 0-679      John W. Thompson  
Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer