

County: Marion
 Permit #: 0-586
 Driller: JAMES WELLS
 Date drilling completed: 11-2-11

State Well Report
Part 1 - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: H72
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner
 (Landowner if borehole is not for a water well)
 Owner Name: Larry Petty
 Mailing Address: 2677 Hwy 44
Columbia MS 39429
 City State Zip Code
 Telephone No. (601) 736-8164

Well or Borehole Location
 Latitude: 31° 18' 12" Longitude: 89° 44' 48"
 Method of Lat/Long (circle one): Conventional Survey,
 USGS quad, Hand-held GPS, Survey-grade GPS
 SW ¼ SE ¼ Sec 18 Twn 4N Rng 17W
 Distance Direction Nearest Town
7 Miles NE of Columbia

Well / Borehole Data
 Date drilling started: 11-2-11 Date drilling completed: 11-2-11 Hole depth: 100 Hole diameter: 7 1/2"
 Location of the source of any surface water used for drilling: Community
 Method of dosing and volume of Chlorine used in drilling and development: Shock
 Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____
If drilling is not related to water well construction, skip the remainder of this block
 Purpose of Well (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____
 If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
 Static Water Level: 40 feet above or below (circle one) land surface Date measured: 11-2-11
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 100 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 80 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 80 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: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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If well telescopes please sketch below and show depths.

Ground Level _____

| Description of Formations Encountered | From | To |
|---------------------------------------|------|-----|
| topsoil | 0 | 1 |
| clay | 1 | 55 |
| sand | 55 | 100 |
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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.

Hwy 44 N →

Blodtp Drive X

Landowner Name: Larry Petty

James Wells
 Signature of 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 #: H72

Elevation: _____

County: Marion
 Permit #: _____
 Driller: JAMES WELLS
 Date completed: 11-2-11

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>Larry Petty</u> | Latitude: _____ Longitude: _____ |
| Mailing Address: <u>2677 Hwy. 44</u> | Method of Lat/Long (circle one): <u>Conventional Survey</u> |
| <u>Columbia MS 39429</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | _____ 1/4 _____ 1/4 Sec <u>18</u> Twn <u>4N</u> Rng <u>17W</u> |
| Telephone No. <u>(601) 736-8164</u> | Distance Direction Nearest Town |
| | <u>7</u> Miles <u>NE</u> of <u>Columbia</u> |

| Pump Type Circle one | Power Type Circle one |
|--|---|
| Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine | <input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>1</u> |
| Date Pump Installed: <u>11-2-11</u> | Setting Depth: <u>80</u> feet |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute | Number of Stages: <u>14</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|--|---|
| Date Well Tested: <u>11-2-11</u> | Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u> |
| Static Water Level (A): <u>40</u> Feet Below Land Surface | Other (specify): _____ |
| Pumping Water Level (B): <u>80</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: <u>45</u> Feet Below Land Surface | Well yielded <u>17</u> GPM with a drawdown of |
| Test Pumping Rate: <u>17</u> Gallons Per Minute | <u>5</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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