

County: Leflore  
 Permit #: GW 44642  
 Irrigation Equipment  
 Date drilling completed: 8-19-10

**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: J180  
 Well #: \_\_\_\_\_  
 L. S. Elevation: \_\_\_\_\_  
 B-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.

<p><b>Information on Well Owner</b>          (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Diamond H Properties</u>          Mailing Address: <u>P.O. Box 1526</u>  <u>Marshall Tx 75671</u>          City State Zip Code          Telephone No. ( ) _____</p>	<p><b>Well or Borehole Location</b></p> <p>Latitude: <u>33-30 14.9</u> Longitude: <u>90-24 32.2</u>          Method of Lat/Long (circle one): Conventional Survey,          USGS quad (Hand-held GPS) Survey-grade GPS  <u>NW 1/4 NE 1/4 Sec 21 Twn 19N Rng 2W</u>          Distance Direction Nearest Town  <u>4</u> Miles <u>W</u> of <u>Itta Bena</u></p>
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**Well / Borehole Data**

Date drilling started: 8-19-10 Date drilling completed: 8-19-10 Hole depth: 106 Hole diameter: 24"  
 Location of the source of any surface water used for drilling: Surface Water  
 Method of dosing and volume of Chlorine used in drilling and development: 50 PPM  
 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: Replacement for CW1140  
 If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_  
 Static Water Level: 47 feet above (below) (circle one) land surface Date measured: 8-19-10  
 Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_  
 Well depth: 106 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Benctonite Mix  
 Casing length: 66 feet Casing diameter: 16 inches Type of casing: PVC  
 Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC  
 Screen slot size: .050 inches Setting depth: From 66 feet to 106 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

Old Well 16" Steel 60' NE

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

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County: Leflore  
 Permit #: GW-44348  
 Irrigation Equipment  
 Date completed: 8-19-10  
 Copy information from block on Part 1

**STATE WELL REPORT**

**Part 2**

Pump Installer's Completion Report  
 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: J 180  
 Well #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Diamond H Properties</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 1526</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Marshall Tx 75671</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 NE 1/4 Sec 21 T19N R 2W</u>
Telephone No. ( ) _____	Distance _____ Direction _____ Nearest Town _____
	<u>4 Miles W of Itta Bena</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input checked="" type="checkbox"/>	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"/>	<input checked="" type="checkbox"/> Electric Motor <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>30</u>
Date Pump Installed: <u>8-19-10</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>1150±</u> Gallons Per Minute	Number of Stages: <u>1</u>

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

This is for (circle one):  New Well  Replacement of Existing Pump  Repair of Existing Pump

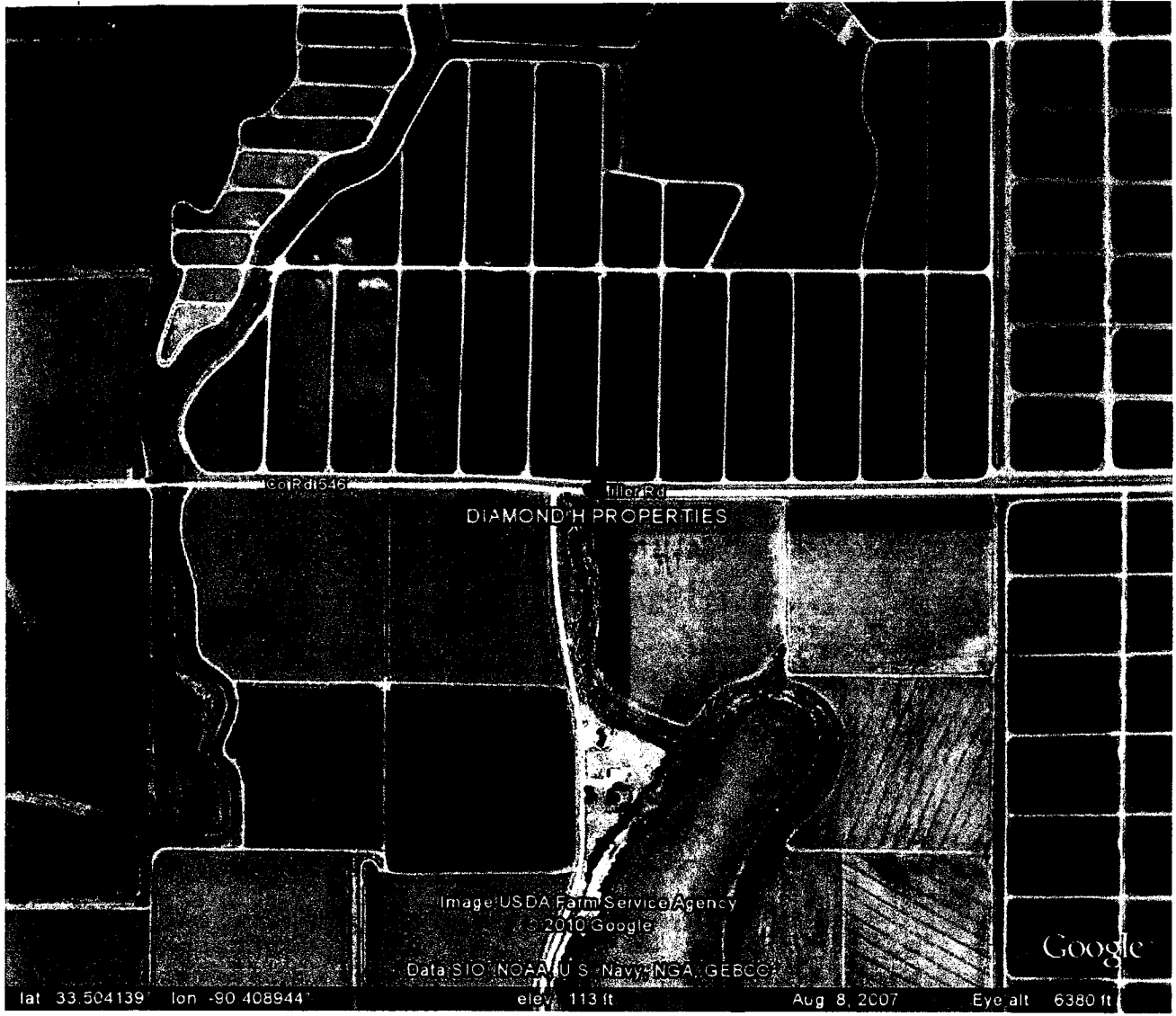
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
 Patrick M Chism 0695  
 Print Name of Pump Installer and License No. (if applicable) \_\_\_\_\_ Signature of Pump Installer \_\_\_\_\_

Form: OLWR-SWR-1C (07-09)

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