

Job. # 9012

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)

County: Bolivar
 Permit #: GW 430917
 Driller: Pete Sappington
 Date drilling completed: 3/17/09

For Office Use Only:
 Aquifer: _____
 Well #: E-173
 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: Harlan R. PRUESS Real Estate
 Mailing Address: 2326 Old Lincoln Hwy.
Lowden, IA 52255
 City State Zip Code
 Telephone No. (563) 357-2880

Well or Borehole Location

Latitude: 33° 56' 918" Longitude: 90° 44' 141"
35 09
 Method of Lat/Long (circle one): Conventional Survey,
 USGS quad, Hand-held GPS Survey-grade GPS
SW 1/4 NE 1/4 Sec 8 Twn 24N Rng 5W
 Distance Direction Nearest Town
1 Miles E of Shelby

Well / Borehole Data

Date drilling started: 3/17/09 Date drilling completed: 3/17/09 Hole depth: 106 Hole diameter: 8 28"
 Location of the source of any surface water used for drilling: Ditch East of Well
 Method of dosing and volume of Chlorine used in drilling and development: Sodium Hypo Chlorite @ 10 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: _____
 If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
 Static Water Level: 41 feet above or below (circle one) land surface Date measured: 3/17/09
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 105 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 65 feet Casing diameter: 16 inches Type of casing: PVC
 Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC
 Screen slot size: .032 inches Setting depth: From 65 feet to 40 to 105 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)

Replaces GW05670

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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)

County: SOLIVAR
 Permit #: GW 43097
 Driller: PETE SAPPINGTON WELL DRILLING
 Date completed: 3-17-09
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: E-173
 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>HARLAN R. PRUESS REAL ESTATE</u>	Latitude: <u>33° 56' 55.56"</u> Longitude: <u>090° 44' 35.92"</u>
Mailing Address: <u>2326 OLD LINCOLN HWY</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>LOWDEN, IA 52255</u> City State Zip Code	¼ _____ ¼ Sec <u>8</u> T <u>24N</u> R <u>5W</u>
Telephone No. <u>(563) 357-2880</u>	Distance Direction Nearest Town <u>1.4</u> Miles <u>E</u> of <u>SHELBY</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>80</u>
Date Pump Installed: <u>4-8-09</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>3000</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>41</u> 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.

David P. Holt 0-752P [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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