

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 #: G-138
L. S. Elevation: _____
E-log #: _____

County: Alcorn
Permit #: _____
Driller: Leeper Drilling
Date drilling completed: 8-12-05

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>Larry Mitchell Farm</u>	Latitude: _____° _____' _____"	Longitude: _____° _____' _____"	
Mailing Address: <u>1042 Highway 2</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS		
<u>CORINTH MS</u> City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>19</u> Twn <u>25</u> Rng <u>7E</u>	Distance: <u>2</u> Miles	Direction: <u>E</u> of Nearest Town: <u>Kossuth</u>
Telephone No. <u>(662) 665-1119</u>			
Well Data			
Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: <u>Beef Cattle</u>			
Date well drilling started: <u>8-12-05</u>		Date well drilling completed: <u>8-12-05</u>	
If flowing, method of flow regulation: Valve _____ Other (describe) _____			
Static Water Level: <u>79</u> feet above or below (circle one) land surface		Date measured: <u>8-13-05</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____			
Hole depth: <u>240'</u>		Well depth: <u>240'</u> Well grouted to a depth of <u>10</u> feet	
Type of grout (circle one): Cement Bentonite <u>Mix</u>			
Casing length: <u>220</u> feet		Casing diameter: <u>4"</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>20</u> feet		Screen diameter: <u>4"</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.010</u> inches Setting depth: From <u>220</u> feet to <u>240</u> feet			
Type of completion (circle all applicable): <u>Gravel packed</u> 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.			
<u>Leeper Drilling #0079</u>		<u>[Signature]</u>	
Print Name of Water Well Contractor and License No.		Signature of Water Well Contractor	

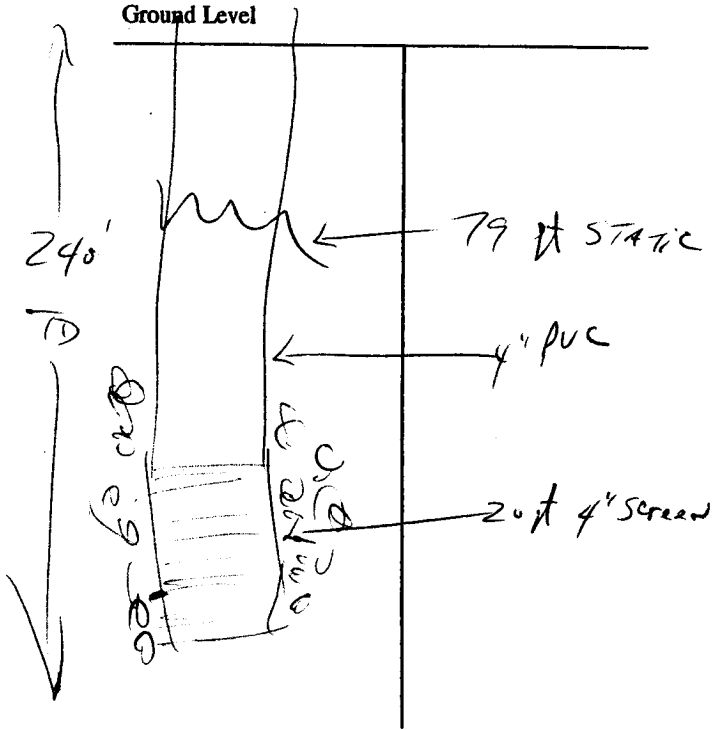
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SEP 12 2005

BY: OLWR

G-138

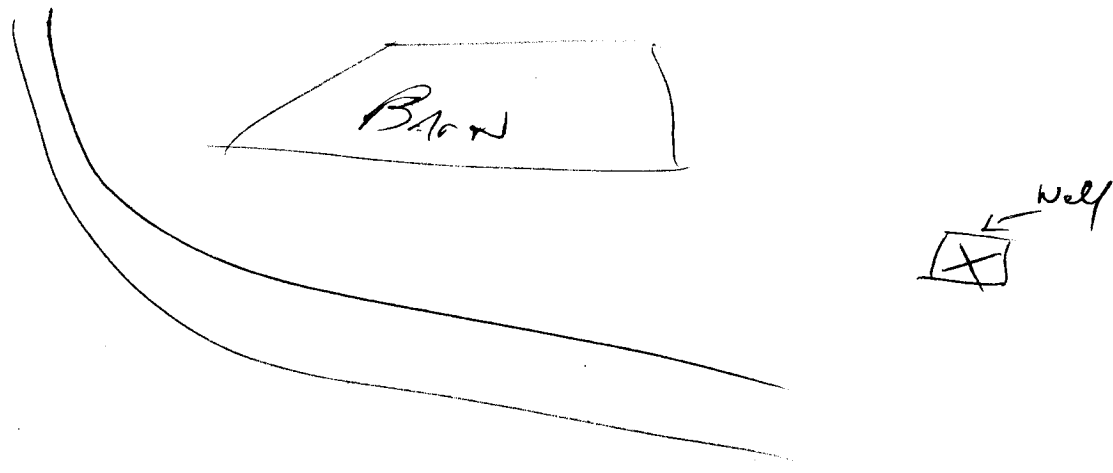
If well telescopes please sketch below and show depths.



Description of Formations Encountered	From	To
Top Clay	0	20
Blue clay	20	150
CHALK	150	190
Sand	190	240

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.



Landowner Name: Larry Mitchell

[Signature]
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)

County: Alcorn
 Permit #: _____
 Driller: Leeper Drilling
 Date completed: 8-13-05

For Office Use Only:

Aquifer: _____
 Well #: G-138
 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>Larry Mitchell Farm</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1042 Hiway #2</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Corinth MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>19</u> Twn <u>2S</u> Rng <u>7E</u>
Telephone No. <u>(662) 665-1119</u>	Distance Direction Nearest Town
	<u>2</u> Miles <u>E</u> of <u>Kossuth</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2 HP</u>
Date Pump Installed: <u>8-13-05</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>30</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-13-05</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>79</u> Feet <u>Below</u> 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
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Leeper Drilling _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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