

Lauderdale

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)

County: Newton

Permit #:

Driller: McDonald & Heil

Date drilling completed: 7-13-05

For Office Use Only:

Aquifer: _____

Well #: Q-20

L. S. Elevation: 24

E-log #: _____

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>Kelvin Mitchell</u>	Latitude: <u>32° 17' 57"</u> Longitude: <u>88° 54' 50"</u>
Mailing Address: <u>9695 - Regency Ct</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>00L + NEWARK, TN 37363</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>SW</u> 1/4 <u>SW</u> 1/4 Sec <u>X</u> Twn <u>5N</u> Rng <u>13E</u>
Telephone No. <u>423 421-3364</u>	Distance <u>2</u> Miles Direction <u>S</u> of Nearest Town <u>Cherry</u>

Well Data

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

Date well drilling started: 7-8-05 Date well drilling completed: 7-13-05

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

Static Water Level: 80 feet above or below (circle one) land surface Date measured: 7-13-05

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

Hole depth: 270 Well depth: 250 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 270 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .08 inches Setting depth: From 210 feet to 240 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.

McDonald & Heil, Inc. #0-8

Heil

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

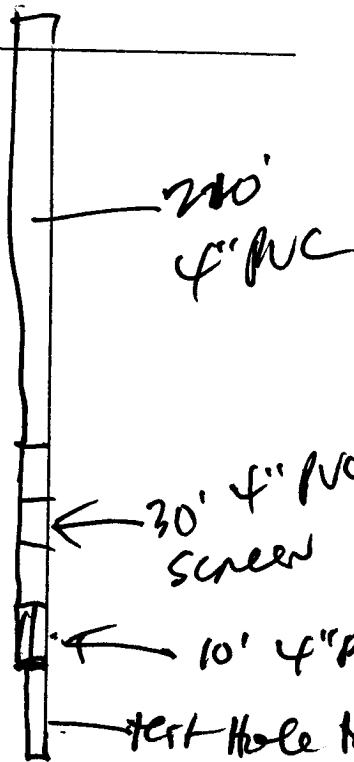
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If well telescopes please sketch below and show depths.

Q-28 24

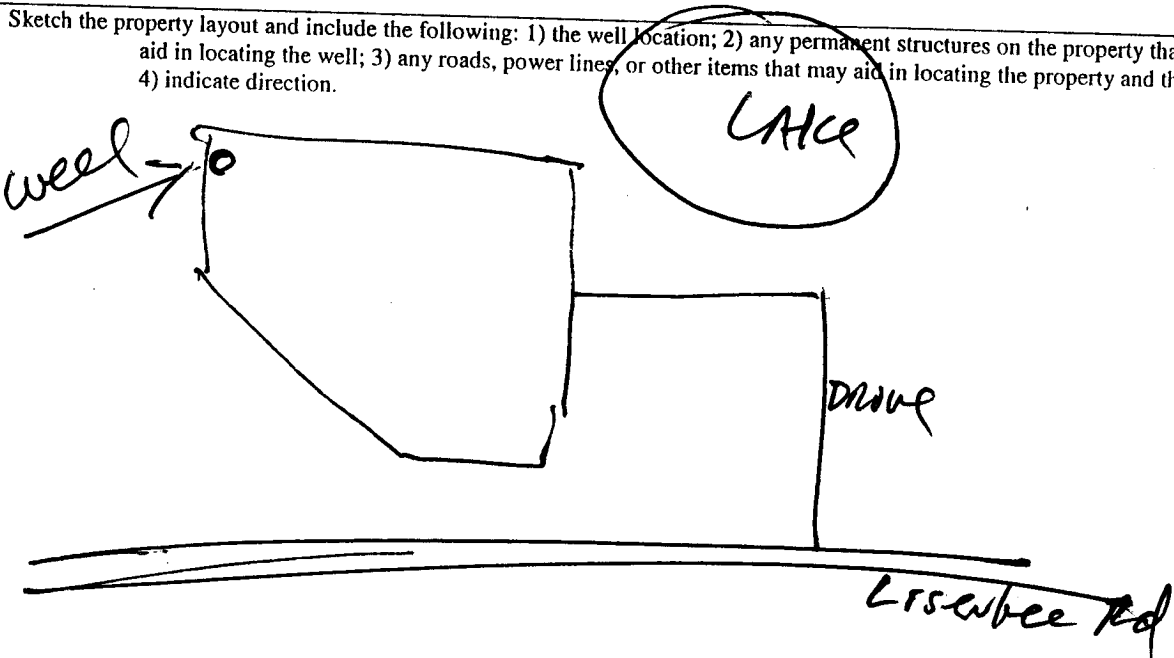
Ground Level



Description of Formations Encountered	From	To
SHALE & Rock	0	190
SAND	190	240
SAND & SHALE	240	270

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: Kevin Mitchell

Bur Hill
Signature of Water Well Contractor

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Lauderdale

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: Newton
 Permit #: _____
 Driller: McDonald + Heil
 Date completed: 7-13-05

For Office Use Only:
 Aquifer: _____
 Well #: Q-20
 Elevation: 24

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>Kevin Mitchell</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>9695 - Regency ek</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>DOLtewah, TN 37363</u>	_____ 1/4 _____ 1/4 Sec <u>1</u> Twn <u>5 N</u> Rng <u>13 E</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>423-421-3361</u>	<u>2</u> Miles <u>S</u> of <u>Chucky</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 HP</u>
Date Pump Installed: <u>7-19-05</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>15</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>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>100</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>20</u> Feet Below Land Surface	Well yielded <u>40</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>40</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.
McDonald + Heil, Inc. 0-8 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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JUL 21 2005
BY: OLWR