County: Jasper

Permit #:

Driller: McDonald & Hill

Date drilling completed: 3-13-06

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 #: K-47

L. S. Elevation:

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

Owner Name: Dewayne Windham

Mailing Address: 2119 CR 528

Bay Springs, MS. 39422
City State Zip Code

Telephone No. (601) 764-3818

Well Location

Latitude: ___° ___' ___" Longitude: ___° ___' ___"

Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS

___ ¼ ___ ¼ Sec 36 Twp 2N Rng 11E

Distance 6 Miles Direction E of Nearest Town Bay Springs

Well Data

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

Date well drilling started: 3-7-06 Date well drilling completed: 3-13-06

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

Static Water Level: 120 feet above or below (circle one) land surface Date measured: ___

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

Hole depth: 460 Well depth: 460 Well grouted to a depth of 270 feet

Type of grout (circle one): Cement (Bentonite) Mix

Casing length: 340 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 80 feet Screen diameter: 2 inches Type of screen: PVC Wrapped

Screen slot size: .006 inches Setting depth: From 370 feet to 450 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: 330 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 & Hill, Inc. 0-8

Print Name of Water Well Contractor and License No.

Harold Hill

Signature of Water Well Contractor

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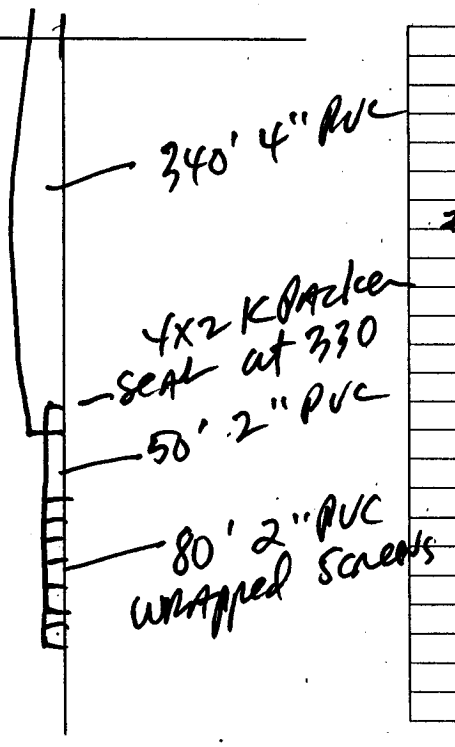
K-47

If well telescopes please sketch below and show depths.

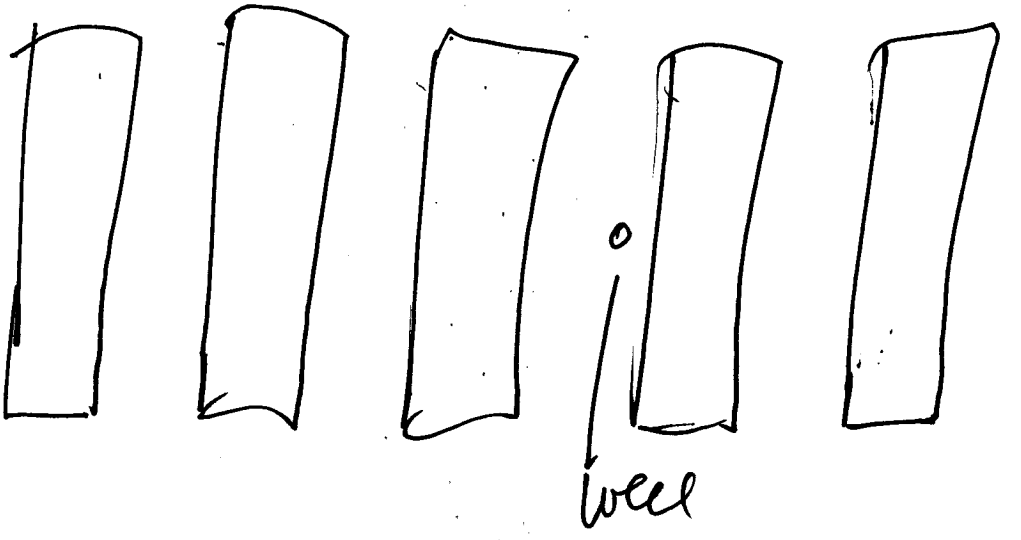
Ground Level



Description of Formations Encountered	From	To
Red SAND & Clay	0	20
CLAY	20	300
SANDY SHALE	300	360
# 6 SAND	360	450
SHALE	450	460

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: Dewayne Windham

Harold Hill

Signature of Water Well Contractor

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BY: OLWR

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: Jasper
Permit #:
Driller: McDonald & Hill
Date completed: 3-15-06

For Office Use Only:
Aquifer:
Well #: K-47
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

Owner Name: Dewayne Windham
Mailing Address: 2119 CR 528
Bay Springs, MS
City State Zip Code
Telephone No. (601) 764-3818

Well Location

Latitude: Longitude:
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
¼ ¼ Sec 36 Twn 2N Rng 11E
Distance 6 Miles Direction E of Nearest Town Bay Springs

Pump Type
Circle one

Air Lift, Jet, (Submersible), Bucket, Piston, Turbine, Centrifugal, Rotary, Flowing Well
Other (specify):
Date Pump Installed: 3-13-06
Rated Pump Capacity: 55 Gallons Per Minute

Power Type
Circle one

Diesel Engine, Gasoline Engine, Natural Gas, (Electric Motor), Hand, Tractor PTO, Windmill, Other (specify):
Horse Power Rating of Motor: 5
Setting Depth: 200 feet
Number of Stages: 11

Pump Test Data

Date Well Tested: 3-13-06
Static Water Level (A): 120 Feet Below Land Surface
Pumping Water Level (B): 175 Feet Below Land Surface
Drawdown [(B) – (A)]: 55 Feet Below Land Surface
Test Pumping Rate: 55 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 4 hours

Method of Measuring Water Level
Circle one

Air Line, (Electric Measuring Line), Steel Tape
Other (specify):
For flowing well, measured shut in head: feet
Well yielded 55 GPM with a drawdown of 55 feet after 4 hours of pumping

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

McDonald & Hill Inc. O-8
Print Name of Pump Installer and License No. (if applicable)

Harold Hill
Signature of Pump Installer

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MAR 17 2006
BY: OLWR