

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 #: F-81
L. S. Elevation: _____
E-log #: _____

County: Rankin
Permit #: _____
Driller: Glen Brecland
Date drilling completed: 10-19-05

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>172nd Airlift Wing</u>	Latitude: <u>32° 19' 13"</u> Longitude: <u>90° 04' 36"</u>
Mailing Address: <u>A.C. Thompson Field</u> <u>P.O. Box 98109</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Jackson</u> MS <u>39298</u> City State Zip Code	<u>SE</u> 1/4 <u>NE</u> 4 Sec <u>34</u> Twn <u>6N</u> Rng <u>2E</u>
Telephone No. <u>(601) 939-5631</u>	Distance _____ Direction _____ Nearest Town <u>Jackson</u> <u>0</u> Miles _____ of _____

Well Data monitoring well

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: MW-10

Date well drilling started: 10-17-05 Date well drilling completed: 10-19-05

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

Static Water Level: 13 feet above or below (circle one) land surface Date measured: 10-19-05

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

Hole depth: 25.5 Well depth: 25 Well grouted to a depth of 10' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 15 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 15 feet to 25 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.

John M. Matthews # 690
Print Name of Water Well Contractor and License No.

[Signature]
Signature of Water Well Contractor

RECORDED
BY [unclear]

F-81

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Redish Clay	0	5
Silty Redish sand	5	10
Grey silty sand	10	25

If more than one screen, show location of each on sketch

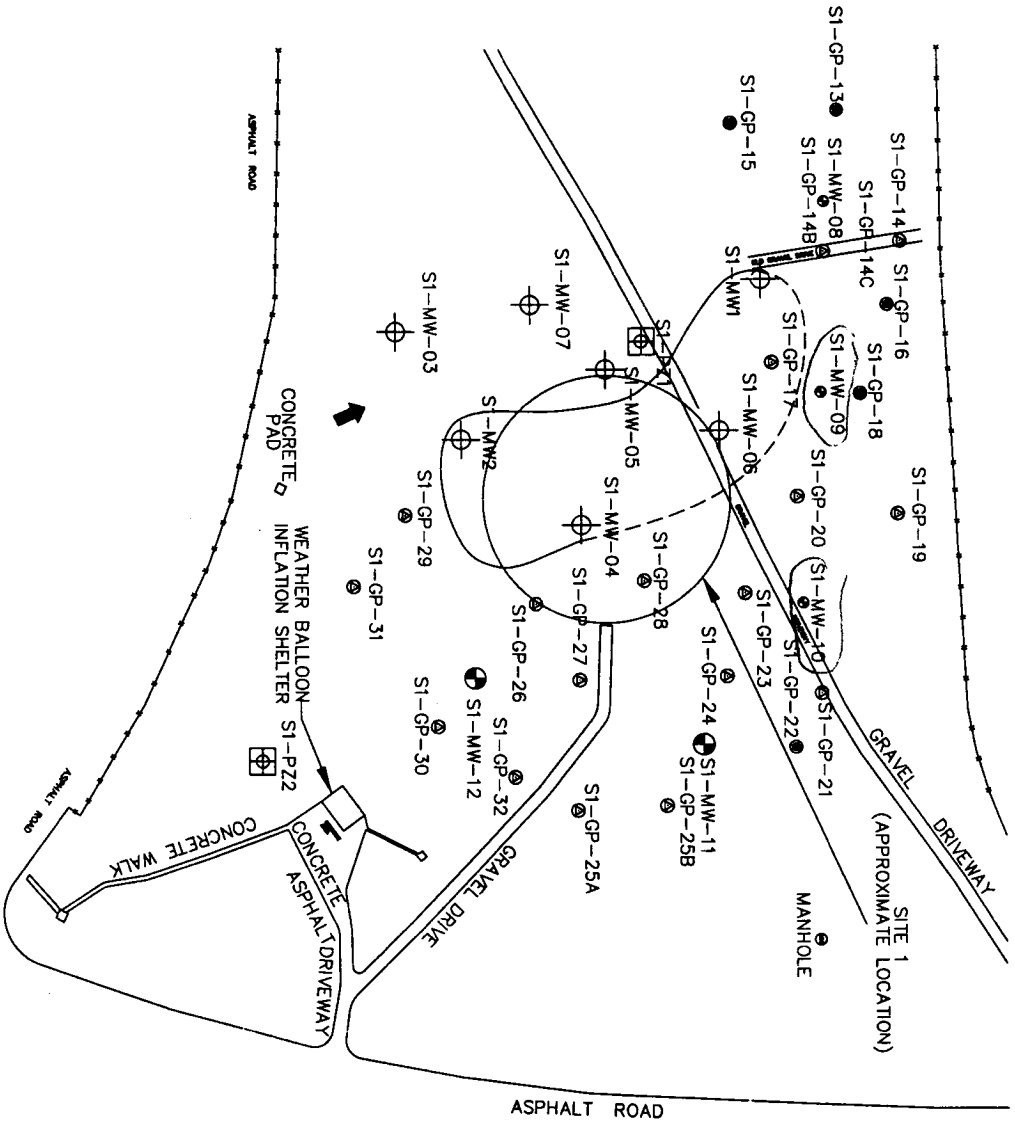
Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) indicate direction.

In Back of Packet

Landowner Name: 172nd Airlift Wing


Signature of Water Well Contractor

RECEIVED
MAY 13 2003
BY OLIVER



LEGEND

	FENCE
	MONITORING WELL AND IDENTIFICATION
	PIEZOMETER AND IDENTIFICATION
	GROUNDWATER FLOW DIRECTION (DECEMBER 1998)
	PROPOSED MONITORING WELL LOCATION - NOT ACCESSIBLE DUE TO MUDDY FIELD CONDITIONS
	PROPOSED DIRECT PUSH BORING LOCATION - NOT ACCESSIBLE DUE TO MUDDY FIELD CONDITIONS
	EXTENT OF 1,1-DICHLOROETHENE CONCENTRATIONS ABOVE MCL BASED ON 12/19/1998 RESULTS
	ADVANCED DIRECT PUSH BORING LOCATIONS (JUNE 2003)
	INSTALLED MONITORING WELL LOCATION (JUNE 2003)

FIGURE 3
MONITORING WELL AND DIRECT PUSH LOCATIONS ADVANCED DURING JUNE 2003

Prepared for:
 172nd AIRLIFT WING,
 MISSISSIPPI AIR NATIONAL GUARD,
 A.C. THOMPSON FIELD,
 JACKSON, RANKIN COUNTY, MISSISSIPPI

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06-19-03
 B. J. O'NEILL