

County: Memph
 Permit #: _____
 Driller: Jacy Bayles
 Date drilling completed: 7/10/09

State Well Report
Part I - Driller's Log
 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 #: F13
 L. S. Elevation: _____
 B-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.

<p>Information on Well Owner (Landowner if borehole is not for a water well) Project: <u>Soc Williams Field Fire St</u> Owner Name: <u>BRavo Field #1812</u> Mailing Address: <u>Air Base Rd.</u> <u>Preston, MS</u> City State Zip Code Telephone No. () _____</p>	<p>Well or Borehole Location Latitude: <u>32.47.587</u> Longitude: <u>88.49.803</u> Method of L.S./Long (circle one): <u>Conventional Survey</u> USGS quad, <u>Hand-held GPS</u>, Survey-grade GPS <u>NE 1/4 NE 1/4 Sec 23 Twn 11N Rng 14E</u> Distance Direction Nearest Town <u>2</u> Miles <u>NE</u> of <u>Preston</u></p>
---	--

Well / Borehole Data
 Date drilling started: 6/15/09 Date drilling completed: 7/10/09 Hole depth: 250' Hole diameter: 4 3/4"
 Location of the source of any surface water used for drilling: Fire Station
 Method of casing and volume of Chloride used in drilling and development: VIA
 Logs run (circle all applicable): No log run Electric Gasflow Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 Purpose of borehole (check one): Water Well _____ Geotechnical/Ocological Investigation _____ Ground Source Heat Pump X
 Scientific 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: _____ feet above or below (circle one) land surface Date measured: _____
 Method of Measurement (circle one) steel tape _____ electric tape _____ air line _____ other: _____
 Well depth: _____ Well grouted to a depth of _____ feet Type of grout (circle one): Neat Cement _____ Bentonite _____ Mix _____
 Casing length: _____ feet Casing diameter: _____ inches Type of casing: _____
 Screen length: _____ feet Screen diameter: _____ inches Type of screen: _____
 Screen slot size: _____ inches Setting depth: From _____ feet to _____ 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*

APR-20-06 09:58

FROM-LAND & WATER

801-954-8990

T-544 P.09

F-442

F13

The sketch below only intended for water table

Description of Formations encountered must be provided for all wells and horizons. Values specifically measured by observation

If well screens, show depths on sketch
Ground Level →

Clay	0 - 120
Rock	120 - 121
Clay	121 - 210
Sand & Clay	210 - 250

Description of Formations Encountered	From (depth) To (depth)	
	Ground Level	
Clay	0	120
Rock	120	121
Clay	121	210
Sand & Clay	210	250

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) a north arrow.

See attachments

Landowner Name: _____

Form: OLWR-SWF-1A

I certify that the well/horizon was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and also

Print Name of Responsible Licensee and License No. Fred Danforth 0-69861

Date

Signature of Licensee [Handwritten Signature]

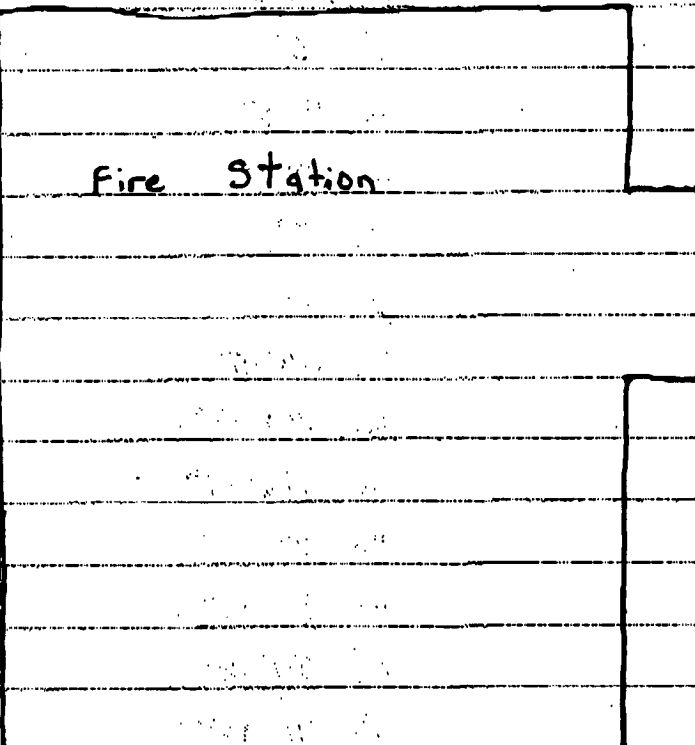
Signature of Licensee

F13

Joe Williams Field Fire Station

Bravo Road

Fire Station



← Point A

Point B →

Loop field • = wells

- | | | | |
|-------|--------|--------|--------|
| 1.) • | 8.) • | 15.) • | 22.) • |
| 2.) • | 9.) • | 16.) • | 23.) • |
| 3.) • | 10.) • | 17.) • | 24.) • |
| 4.) • | 11.) • | 18.) • | 25.) • |
| 5.) • | 12.) • | 19.) • | 26.) • |
| 6.) • | 13.) • | 20.) • | 27.) • |
| 7.) • | 14.) • | 21.) • | 28.) • |

F13

Point A.		Point B.	
1.) 46'-7"	27.) 186'-5"	1.) 57'	27.) 175'
2.) 70'-4"	28.) 200'-10"	2.) 79'-9"	28.) 190'-11"
3.) 95'-1/2"		3.) 104'-1"	
4.) 120'		4.) 127'-8"	
5.) 144'-7"		5.) 152'-2"	
6.) 167'-9 1/2"		6.) 175'	
7.) 185'-1 1/2"		7.) 191'-3"	
8.) 59'-3"		8.) 49'-1"	
9.) 79'-1"		9.) 75'	
10.) 101'-1"		10.) 99'-10"	
11.) 125'-1/2"		11.) 124'-5"	
12.) 148'-7"		12.) 149'-3"	
13.) 171'-1 1/2"		13.) 172'-2"	
14.) 187'		14.) 188'-3"	
15.) 75'-10"		15.) 51'-2"	
16.) 93'-9"		16.) 74'-10"	
17.) 110'-7"		17.) 98'-10"	
18.) 133'		18.) 123'-11"	
19.) 154'-6 1/2"		19.) 148'-8"	
20.) 177'-1"		20.) 172'-1"	
21.) 192'-3"		21.) 187'-9"	
22.) 97'-8"		22.) 65'-7"	
23.) 109'-9"		23.) 84'-6"	
24.) 126'-11"		24.) 105'-10"	
25.) 144'-6"		25.) 128'-5"	
26.) 164'-3"		26.) 151'-3"	