

County: Hancock

Permit #: MS-GW-16593

Driller: Griner Drilling Service Inc.

Date drilling completed: 3/18/2009

### Well Driller Report and Well 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: PCGLU

Well #: 155

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	Well Location
Owner Name: <u>NASA - Stennis Space Center</u>	Latitude: <u>30° 22' 31.24" N</u> Longitude: <u>89° 37' 23.90 W</u>
Mailing Address: <u>John C. Stennis Space Center</u>	Method of Lat/Long (circle one): <u>Conventional Survey, Google Earth</u>
Stennis Space Center MS. 39529	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>1R</u> 1/4 <u>1R</u> 1/4 Sec <u>5</u> Twn <u>8S</u> Rng <u>16W</u>
Telephone No. <u>(228) 688-3333</u>	Distance Direction Nearest Town <u>Int. of Trent Lott Prkwy &amp; Saturn Dr.</u> of <u>NASA-Stennis Space Center</u>

**Well Data**

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

Date well drilling started: 2/13/2009 Date well drilling completed: 3/18/2009

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

Static Water Level: 27.95 feet above or below (circle one) land surface Date measured: 3/18/2009

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

Hole depth: 1550' Well depth: 1484' Well grouted to a depth of 1400' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 1400 feet Casing diameter: 12 3/4 inches Type of casing: Black Steel

Screen length: 60 feet Screen diameter: 8 5/8 inches Type of screen: 304 Stainless Steel

Screen slot size: \*0.020 inches Setting depth: From 1414 feet to 1474 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: 1332 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): Griner Drilling Service Inc.

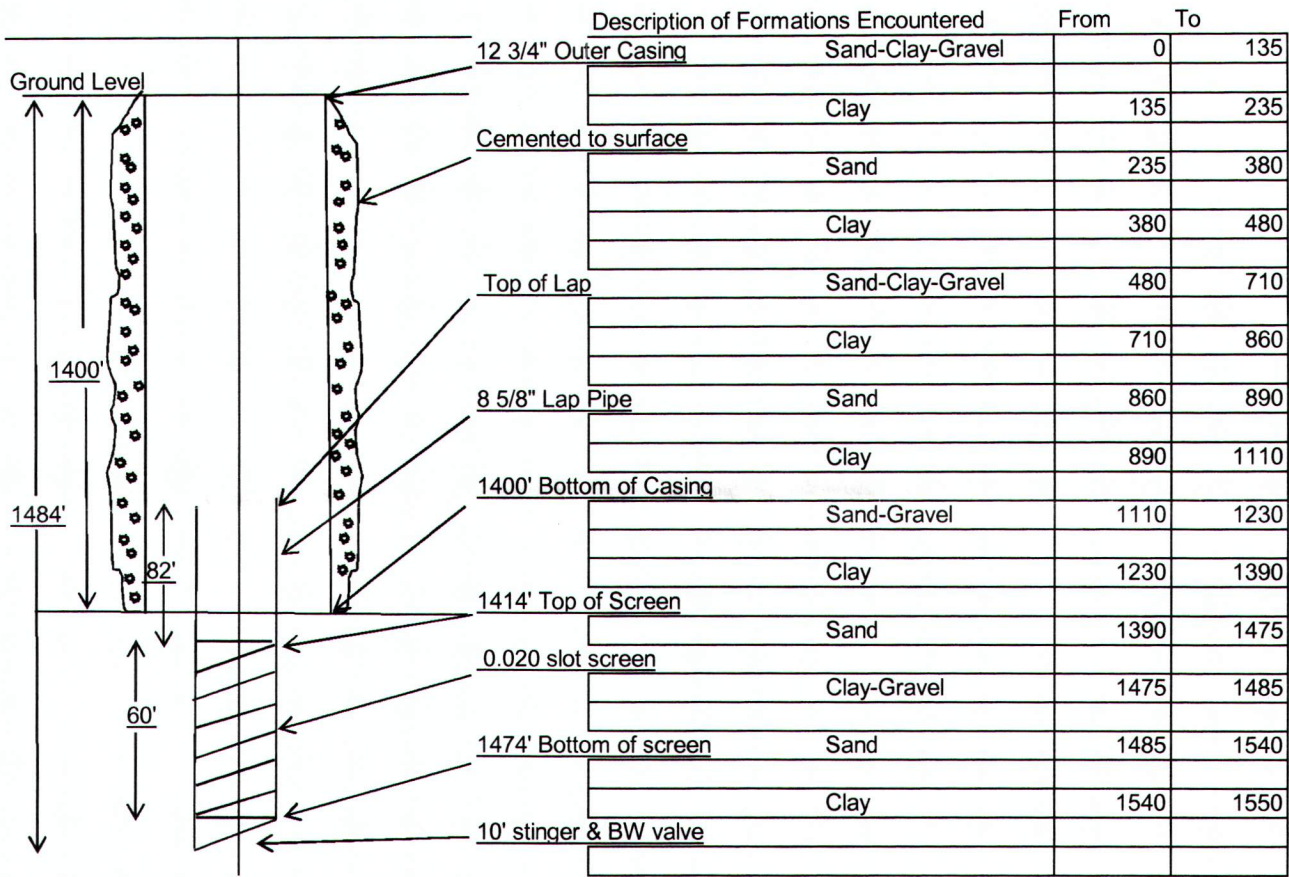
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Griner Drilling Service 0-184  
 Print Name of Water Well Contractor and License No. \_\_\_\_\_

Charles H. 2  
 Signature of Water Well Contractor

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**BY: OLWR**

If well telescopes please sketch below and show depths



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.

**See attached satellite photo**

Landowner Name: \_\_\_\_\_

*Charles H. [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)

**For Office Use Only:**

Aquifer: _____	
Well #: _____	H55
Elevation: _____	

County: <u>Hancock</u>	
Permit #: _____	
Driller: <u>Griner Drilling Service Inc.</u>	
Date Completed: <u>3/18/2009</u>	

**This report must be prepared by the pump installer in detail and filed with the Department with 30 days of the installation of pump. A copy of Part 1 of this report must be attached to the report.**

Well Owner Information	Well Location
Owner Name: <u>NASA-Stennis Space Center</u>	Latitude: <u>30° 22' 31.24" N</u> Longitude: <u>89° 37' 23.90" W</u>
Mailing Address: <u>John C. Stennis Space Center</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> , <u>Google Earth</u> USGS quad, Hand-held GPS, Survey-grade GPS
<u>Stennis Space Center</u> MS. <u>39529</u>	<u>IR</u> 1/4 <u>IR</u> 1/4 Sec <u>S</u> Twn <u>8S</u> Rng <u>16W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(228) 688-3333</u>	<u>Int. of Trent Lott Prkwy &amp; Saturn Dr.</u> at <u>NASA-Stennis Space Center</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piton Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary <b>Flowing Well</b>	Windmill Other (specify): <u>Flowing at required Capacity</u>
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: _____	Setting Depth: _____ feet
Rated Pump Capacity: _____ Gallons per minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle One
Date Well Tested: <u>3/18/2009</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>27.95' Above Ground Head</u> Feet Below Land Surface	<b>Other (specify)</b> <u>6" x 4" Orifice, well flowing with 12.1 head pressure</u>
Pumping Water Level (B) <u>FLOWING</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>27.95</u> feet
Drawdown {(B) - (A)}: <u>NA</u> Feet Below Land Surface	Well yielded <u>308</u> GPM with a drawdown of
Test Pumping Rate: <u>308</u> Gallons Per Minute	<u>0</u> feet after <u>9</u> hours of pumping
Duration of Pump test (minimum 4 hours): <u>9</u> hours	

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

Griner Drilling Service, Inc.  
Print Name of Pump Installer and License No. (if applicable)

*Charles H. Griner, Jr.*  
Signature of Pump Installer

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H15



Stennis Well #1

Stennis Well #2

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Image © 2009 DigitalGlobe

Google

Imagery Date: Jan 5, 2007

30°22'32.55" N 89°37'15.50" W elev 27 ft

Eye alt 10262 ft

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