

GW Strat

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

County: Jones
Permit #: _____
Driller: Walker-Hill Environmental, Inc.
Date drilling completed: 5/30/17

For Office Use Only:
Well #: E-71
Aquifer: _____
E-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.

Well Owner Information (Landowner if borehole is not for a water well)			Well or Borehole Location		
Owner Name: <u>Williams Gas Pipeline Transco</u>			Latitude: <u>31°37' 18"</u> Longitude: <u>89° 23' 32"</u>		
Mailing Address: <u>421 Salt Dome Road</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad <u>X</u> , Hand-held GPS _____, Survey-grade GPS _____		
<u>Seminary</u>	<u>MS</u>	<u>30470</u>	NW <input checked="" type="checkbox"/> <u>1/4</u> NE <input checked="" type="checkbox"/> <u>1/4</u> , Sec <u>34</u> <input checked="" type="checkbox"/> T <u>8N</u> <input checked="" type="checkbox"/> R <u>14W</u>		
City	State	Zip Code	7.4 Miles <u>NE</u> of <u>Seminary</u>		
Telephone No. (<u>601</u>) <u>736-3500</u>			(Distance) (Direction) (Nearest Town)		

Well / Borehole Data

Date drilling started: 5/19/17 Date drilling completed: 5/30/17 Hole depth: 980' Hole diameter: 7 7/8"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: N/A

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): Schlumberger

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump Seismic Survey Other (describe) Cased Borehole - GW-Strat

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

If a flowing well, method of flow regulation: Valve N/A Other (describe) N/A

Static Water Level: N/A feet [above or below] land surface Date measured: _____

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: _____ grouted to a depth of: 973 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 973 feet Casing diameter: 4 inches Type of casing: Carbon Steel

Screen length: _____ feet Screen diameter: _____ inches Type of screen: PVC

Screen slot size: _____ inches Setting depth: From _____ feet to _____ feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet

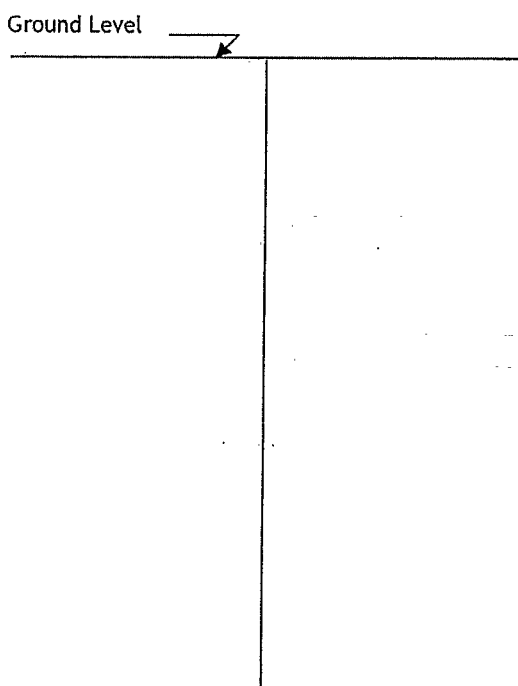
If telescoped or more than one screen, describe on next page

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The sketch below only required for water wells
If well telescopes, show depths on sketch.



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
topsoil	Ground level	1
sandy clay	1	15
sand	15	90
sandy clay	90	130
clay w/sand mixed	130	160
clay	160	190
clay w/sand mixed	190	230
fine sand some clay mixed	230	260
sand	260	300
sand w/pea gravel	300	330
clay w/ sand mixed	330	360
sand w/clay mixed	360	390
fine sand	390	470
fine sand w/clay mixed	470	510
clay with sand mixed	510	570
sandy clay	570	600
sand and clay mixed	600	650
fine sand	650	670
fine sand and clay mixed	670	740
clay hard	740	780
fine sand	780	810

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) north arrow

Boring Log Continued
 sandy clay limey 810 - 870
 clay hard 870 - 930
 clay & sand limey 930 - 980

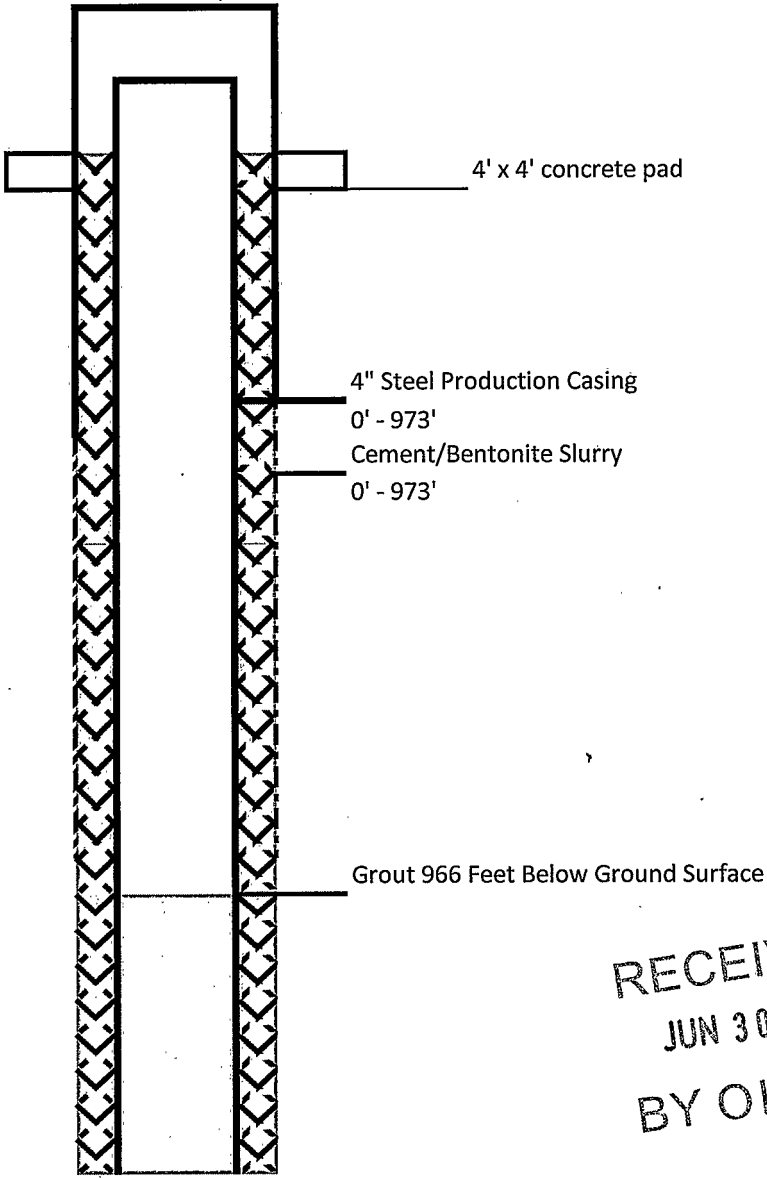
See Attached Site Map

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Landowner Name: _____

I HEREBY CERTIFY that the well/borehole 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 state laws.

Gary P. Hill 0-578 6/21/17 [Signature]
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



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Walker-Hill Environmental, Inc.
Foxworth, MS
Casing Diagram

GW-Strat
Williams Gas Pipeline Seminary, MS

E71

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Imagery Date: 11/27/2013

31°37'14.22" N 89°23'33.5"