

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
George

WELL NUMBER
E 2064

DATE WELL COMPLETED
4-19-91

PERMIT NUMBER
0408

NAME OF DRILLING FIRM
Pytogle Well Serv.

1000 Box 5

Greenville MS 39452

NAME & MAILING ADDRESS OF LANDOWNER
Tom Brown

Dr

Greenville MS 39452

WELL LOCATION: SEC *13* TOWNSHIP *T2* RANGE *R8*

DISTANCE *10* Miles *West* of *Leakook*

OTHER LANDMARK

WELL PURPOSE: Home Irrigation, Municipal, Industrial, Fish Pond, etc.

PUMP DATA

PUMP TYPE (Circle One):
 Submersible, Turbine, Jet, Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
 Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) *H/P 3*

Pump Capacity (GPM) *20* No. of Stages *12* Setting Depth *200* FT.

PUMP TEST

Well yielded *30* GPM with
a drawdown of *20'* ft.
after *1* hours of pumping

WELL DATA

Well Depth *385* Casing Diameter (In.) *4"* Casing Length (Fl.) *375*

Type of Casing *PVC* Hole Depth *385* Depth to Static Water Level *150'*

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other
(Describe) *air lift*

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe)

Name of Organization Running Log

GEOLOGIC DATA (Office Use Only)

| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
|---------------|---------------|----------------|--------------|
| | | | |
| Subs. SWL | Date | Analysis | Aquifer Test |
| | | | |

Driller's Remarks

SCREEN DATA

Diameter - Inches *4"* Length - Feet *10'* Slot Size - Inches *#8*

Screen Type *PVC Sanded* Depth to Bottom - Feet *385*

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|-------------|-------------|
| <i>Top Soil</i> | <i>0</i> | <i>5</i> | <i>Blue Clay</i> | <i>21.5</i> | <i>36.5</i> |
| <i>Clay</i> | <i>5</i> | <i>20</i> | <i>red gritty sand</i> | <i>36.5</i> | <i>37.5</i> |
| <i>Sand</i> | <i>20</i> | <i>40</i> | | | |
| <i>Clay</i> | <i>40</i> | <i>60</i> | | | |
| <i>Soft Sand</i> | <i>60</i> | <i>64</i> | | | |
| <i>Clay</i> | <i>64</i> | <i>80</i> | | | |
| <i>Red Sand</i> | <i>80</i> | <i>90</i> | | | |
| <i>White Sand</i> | <i>90</i> | <i>100</i> | | | |
| <i>Clay</i> | <i>100</i> | <i>115</i> | | | |
| <i>Soft Sand</i> | <i>115</i> | <i>200</i> | | | |
| | <i>200</i> | <i>215</i> | | | |

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MAY 24 1991

Dept. of Environmental Quality
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK