WELL SCHEDULE
FOR
THE OFFICE OF LAND AND WATER RESOURCES

Fips:  41
Well:  L29
Log No:  

Recorded by:  [Redacted]  Data Source: Driller's log, permit  Date:  3/16/2001
County:  Greene  Permit No:  GW15042  DOH No:  0210002-05
Quad:  Leakesville  Elevation:  230
1/4:  1/4: SW  1/4: NE  1/4: SW  Sec:  33  T:  3N  R:  (W)
Plotted on quad?:  [Redacted]  In field?:  [Redacted]  From drillers log?:  [Redacted]  From permit?:  [Redacted]
Latitude:  31° 10' 44.8"  Longitude:  88° 35' 56.1"
GPS?:  [Redacted]  From quad?:
Primary Aquifer:  MA-CU (from permit)  Secondary Aquifer:  
Use:  MU  Well status:  
Local Well Name:  
Owner:  Town of Leakesville

Date completed:  2/7/97  Driller:  Griner Drilling Co.  Well depth:  276  Hole depth:  1033
Pump type:  Turbine  Power type:  Electric  Pump capacity:  320 gpm
Screen interval:  Screen length:  Screen diameter:  
Screen interval:  Screen length:  Screen diameter:  
Screen interval:  Screen length:  Screen diameter:  
Casing interval:  Casing length:  Casing diameter:  
Casing interval:  Casing length:  Casing diameter:  
Type of logs:  Log interval:  
Initial water level(ls):  Date:  Measuring point description:

Water Quality Data?  Source:  Reliability:  
Water Level Data?  Source:  Reliability:  
Pump Test Data?  Source:  Reliability:  
Water Use Data?  Source:  Reliability:  

Water level data

This area for location map and notes
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
Town of Leakesville
Town Hall

Leakesville, MS

WELL LOCATION: SEC TOWNSHIP RANGE
5 [E] 3 [N] 6 [E]

DISTANCE DIRECTION NEAREST TOWN
5 Miles NW of Leakesville

across from prison on Hwy. 63
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

Municipal

WELL DATA
Well Depth Casing Diameter (In.) Casing Length (Fl.)
276 16 226

Type of Casing Hole Depth Depth to Static Water Level
steel 1033 108

TYPE OF COMPLETION (Circle One or More):
Gravel Packed, Underreamed, Telescopied, Natural Development, Open Hole, Other

Top of Lap Pipe or Reduction in Casing
+2 FEET IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE

SCREEN DATA
Diameter - Inches Length - Feet Slot Size - Inches
10 40 0.016

Screen Type Rod base
depth to bottom - Feet
276

DESCRIPTION OF FORMATIONS ENCOUNTERED FROM TO FORMATIONS (Continued) FROM TO
Sand & gravel 0 89
Clay 89 132
Sand 132 168
Clay 168 237
Sand 237 282
Clay w/ sand streaks 282 451
Sand 451 483
Clay 483 543
Sand 543 598
Clay w/ sand streaks 598 804
Clay & sand streaks 804 1033

Well yielded 302 GPM with a drawdown of 28.35 ft. after 8 hours of pumping

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

POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe)

Pump Capacity (GPM) No. of Stages Setting Depth
320 10 230 FT.

PUMP TEST

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

Name of Organization Running Log Griner Drilling Service, Inc.

GEOLOGIC DATA (Office Use Only)
Surface Elev. Geologic Unit Unit Thickness Depth to Top

Subs. SWL Date Analysis Aquifer Test

Griner's Remarks Well No. 8

RECEIVED
FEB 10 1997

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED USE BACK
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE
THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

This application is for (circle one): 
GROUNDWATER ☐ SURFACE WATER ☑

Beneficial Use (circle one or more): Irrigation ☐ Fish Culture ☐ Rural Water Association ☐ Industrial ☐
Recreation ☐ Institutional Examples: Church, School ☐ Commercial Examples: Hotel, Restaurant ☐ Livestock ☐
Fire Protection ☐ Flood Protection ☐ Other ☐

LANDOWNER:

Town of Leakesville

(Name) ____________________________ (S/S or Tax ID No.) _________

P. O. Box 1088

(Address) ____________________________

Leakesville, MS 39451 (State and Zip) __________ (601) 394 - 2383 (Telephone Number)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

SAME

(Name) ____________________________ (S/S or Tax ID No.) _________

Location of diversion/withdrawal point (A suitable location map must accompany this application): Well No. 8

SE 1/4 of the NW 1/4 of Section 33 Township 3N Range 6W County Greene

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

(a) _______ acre-feet per year at a maximum rate of _____ gallons per minute

(b) _______ million gallons per day at a maximum rate of _____ gallons per minute

(c) ____________________________ acre feet of storage at normal pool

(d) ____________________________ per ____________________________ at a maximum rate of

Construction of proposed work will begin on (date) __________ 19____ and will be completed by (date) __________ 19____

Water will be used from (month) _______ to (month) _______ each year.

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)?

YES ☐ NO ☐

If yes, describe the nature and amount of any additional supply and, if applicable, list permit numbers.

1 @ prison @ 320 gpm JMS-GW 02454; 2 @ 320 gpm ea. for Town JMS-GW 02453 & JMS-GW 02452

SECTION A (to be completed if application is for surface water source):

1. Source of water is from ____________________________ which drains into ____________________________ which drains into ____________________________

2. Description of pump/diversion works:

(a) Pump (size and type): ____________________________ Power Unit (size and type): ____________________________

Lift: ____________________________ feet Maximum capacity: ____________________________ gallons per minute.

(b) Name of storage reservoir: ____________________________ Dam height: ____________________________ feet

Surface area at normal pool: ____________________________ acres. Storage capacity at normal pool: ____________________________ acre-feet.

(Continued on back)
SECTION B (to be completed if application is for groundwater source)  

1. Source of water is aquifer.

2. Description of proposed water well:
   (a) DEPTH OF WELL: 740 feet. DRILLER (name): To be bid for public contract
   (b) SURFACE CASING: Length: 700 feet. Diameter: 10 inches. Type: Steel
   (c) SCREEN: Length: 40 feet. Diameter: 6 inches. Type: Stainless Steel
   (d) PUMP: Type: Deep well turbine Size: 8"  Capacity: 320 gallons per minute.
      Number of stages: 10  Setting depth: 220 feet
   (e) POWER UNIT: Type: Electric  Size: 40 Hp   horsepower.
   (f) TYPE OF COMPLETION: Gravel packed; Encasement grouted entire depth

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

<table>
<thead>
<tr>
<th>TOWN</th>
<th>RANGE</th>
<th>SECTION</th>
<th>NE 1/4</th>
<th>NW 1/4</th>
<th>SE 1/4</th>
<th>NW 1/4</th>
<th>SW 1/4</th>
<th>SE 1/4</th>
<th>TOTALS</th>
</tr>
</thead>
</table>

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice  ; Cotton  ; Soybeans
   Corn  ; Pasture  ; Truck  ; Wheat  ; Oats  ; Grain sorghum
   Other (specify)  Acres

2. FISH CULTURE: Explain how water will be used:

How often will reservoir(s) be emptied and refilled?

3. MUNICIPAL or WATER ASSOCIATION (3-320 gpm wells serving prison facilities)
   Choose "a" or "b". (a) The number of people served is 3,000  (b) The number of connections/customers is Prison
   What is the estimated average daily consumption periods of maximum use at the end of each five-year period during the next twenty years?
<table>
<thead>
<tr>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
<th>Volume</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>450,000</td>
<td>96</td>
<td>450,000</td>
<td>97</td>
<td>450,000</td>
<td>98</td>
<td>450,000</td>
<td>99</td>
</tr>
</tbody>
</table>

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year:
   Rate of release  ; Location of release point in reference to diversion/withdrawal point  ; Explain any change in quality of water to be released:
   Explain how water will be used:
   NPDES Permit No.

   How much groundwater will be used for once-through non-contact cooling?

5. RECREATION: Explain how water will be used:

6. OTHER use: Explain in detail:

REMARKS:

List below the person to be contacted for additional information if required:
A. Garner Russell
(Name)
A. Garner Russell & Associates, Inc.
(Address)
P. O. Box 1677, Gulfport, MS 39502
(City, State, Zip)
(601) 863-0667
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

Signature

Subscribed and sworn to before me this 12th day of January 1996 at Clarksdale, MS
County of \Assissi\ My commission expires

Notary Public
DEPARTMENT OF ENVIRONMENTAL QUALITY – OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AH/MO DATE: 10-26-99

UNIT DEQ #: ________________ FILE #: A102616A

HEALTH DEPT. #: N. Tag (210002-05) ELEV.: 220

USGS #: L-39 OLWR #: GW - 15042

OWNER: Town of Leakesville QUAD: Leakesville

LOCATION: S1/4 N1/2 S33 T3N R6W COUNTY: Greene

LOCATION DESCRIPTION: 623 N, 603 m, Well beside BP station on Rt.

CASING DIAM: Cinch PUMP TYPE AND SIZE: Turbine / 30HP

GPS FIELD LOCATION: LAT: 31 10.763N LONG: 88 35.934W

GPS CORRECTED: LAT: 31 17.907246 LONG: 88.598915108

REMARKS: ____________________________