WELL SCHEDULE

FIPS: 19
WELL: D60
LOG NO.: 

Recorded by: Phillips Data Source: Driller's Log Date: 8/19/03
County: Choctaw Permit No.: DOH No.: 
Quad: Tomnolen Elevation: 425

1/4: NW 1/4: NW 1/4: NW 1/4: SE Sec.: 33 T: 18N R: 10E

Plotted on quad?: In field? From drillers log? From permit?
Latitude: Longitude: GPS? From Quad?
Primary aquifer: Secondary aquifer:
Use: OB Well status: Local well name: 3574-EGA
Owner: MS Lignite Corp

Date completed: 10/23/96 Driller: GeoScience Eng. Well depth: 87 Hole Depth: 90
Pump type: None Power type: Pump capacity: HP:
Casing interval: 0-57 Casing length: 57' Casing diameter: 4' Casing type: PVC
Casing interval: Casing length: Casing diameter: Casing type:
Screen interval: 57-87 Screen length: 30' Screen diameter: 4' Screen type: PVC
Screen interval: Screen length: Screen diameter: Screen type:
Type of logs: E, GR Log interval:
Initial water level: Date: M.P. description:

Water Quality Data? Source: Reliability:
Water Level Data? Source: Reliability:
Pump Test Data? Source: Reliability:
Water Use Data? Source: Reliability:
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources
P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, Jet, Flowing Well, Other (Describe)
None

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

DESCRIPTION OF FORMATIONS ENCOUNTERED FROM TO

Middle Wilcox

WELL DATA

Well Depth 87'
Casing Diameter (In) 4''
Casing Length (Ft) 57'

Type of Casing PVC
Hose Depth 90'
Depth to Static Water Level

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

WELL GROUTED TO A DEPTH OF FEET

Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches 4''
Length - Feet 30'
Slot Size - Inches .010

Screen Type PVC
Depth to Bottom - Feet 87

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE

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.

P. Phillips
8/18/03
Date

Signature of Licensed Driller and License No.

Additional Information Required On Back

Data from Lignite mine project files
If well telescopes please sketch and show depths.

GROUND LEVEL

<table>
<thead>
<tr>
<th>SECTION ______</th>
<th>Please indicate well location X.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump Capacity (GPM)</td>
<td>No. of Stages</td>
</tr>
<tr>
<td><strong>PUMP TEST</strong></td>
<td></td>
</tr>
<tr>
<td>Well yielded _______ GPM with</td>
<td></td>
</tr>
<tr>
<td>a drawdown of _______ ft.</td>
<td></td>
</tr>
<tr>
<td>after _______ hours of pumping</td>
<td></td>
</tr>
</tbody>
</table>

**LOG DATA**

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

**Name of Organization Running Log:** Century Geophysical Corp

**GEOLOGIC DATA (Office Use Only):**

<table>
<thead>
<tr>
<th>Surface Elev.</th>
<th>Geologic Unit</th>
<th>Unit Thickness</th>
<th>Depth to Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub. SWL.</td>
<td>Date</td>
<td>Analysis</td>
<td>Aquifer Test</td>
</tr>
</tbody>
</table>

**Driller's Remarks:** Using e-log for D62

If more than one screen, show location of each on sketch.
Water Well Field Data Form

USGS #/FP: D60
County: Chouteau
Local Name: 3574-EG 4
Owner: Wayne's #: Y3874

Measuring Point: Top of steel cover around casing
GPS: A120716A 33 22 775
39 13 220

<table>
<thead>
<tr>
<th>Tape Down #</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3574-EG 4</td>
<td>3574-EG 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hold

Wet

Difference

MP Correction

Water Level

Additional remarks and/or sketches on back (circle if any)

Remarks:
- Depth 88.8 ft (sound)
- Flowing above top of steel box around PVC casing
- EQ 2 was barely (almost imperceptibly) flowing over pipe
- MP was top of PVC casing inside protective cover