WELL SCHEDULE

Recorded by: Phillips

Data Source: Driller's log

Date: 8/19/03

County: Choctaw

Permit No.: DOH No.: 

Quad: Reform

Elevation: 534'

\frac{1}{4}: SE \frac{3}{4}: SW \frac{3}{4}: NW \frac{3}{4}: SW Sec.: 26 T: 18 N R: 10 E

Plotted on quad?: 

In field?: 

From drillers log?: 

From permit?: 

Latitude: 

Longitude: 

GPS? 12/7/99 From Quad?: 

Primary aquifer: WLXM

Secondary aquifer: 

Use: GB

Well status: Local well name: 3578-6HA

Owner: MS Lignite Corp.

Date completed: 10/29/96 Driller: GeoScience Corp. Well depth: 100 Hole Depth: 104

Pump type: 5 \times 5

Power type: 

Pump capacity: HP: 

Casing interval: 0-75

Casing length: 75'

Casing diameter: 4'

Casing type: PVC

Casing interval: 

Casing length: 

Casing diameter: 

Casing type: 

Screen interval: 75-100

Screen length: 25'

Screen diameter: A'

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: 

* The pump is used for water samples. A generator is brought to site for power
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources
P. O. Box 10631
Jackson, MS 39299-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
(Choctaw)
WELL NUMBER CODED
D66

NAME OF PERMIT NUMBER
Drilling Firm
GeoScience Eng.
NAME OF DRAINAGE
3578 - CH 4

DATE WELL COMPLETED
10/29/96

LOCATION & MAILING ADDRESS OF LANDOWNER
Ms. Lignite Corp.

LATITUDE: 33° 23' 28" N
LONGITUDE: 89° 13' 35" W

WELL LOCATION: SEC.
TOWNSHIP
RANGE
NW 3 26 N 18 S 10 E

DISTANCE FROM NEAREST TOWN
Miles

OTHER LANDMARK

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

WELL DATA

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Casing Diameter (in)</th>
<th>Casing Length (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100'</td>
<td>4&quot;</td>
<td>75'</td>
</tr>
</tbody>
</table>

TYPE OF CASING
PVC

HOLE DEPTH
104'

DEPTH TO STATIC WATER LEVEL

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

DESCRIPTION OF FORMATIONS ENCOUNTERED FROM TO

Middle Wilcox

WELL GROUTED TO A DEPTH OF FEET
Type of Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

<table>
<thead>
<tr>
<th>Diameter - Inches</th>
<th>Length - Feet</th>
<th>Slot Size - Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&quot; 25'</td>
<td>.010</td>
<td></td>
</tr>
</tbody>
</table>

Screen Type
PVC

Depth to Bottom - Feet
100'

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
8/15/2003

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

SECTION
Please indicate well location X.

<table>
<thead>
<tr>
<th>Pump Capacity (GPM)</th>
<th>No. of Stages</th>
<th>Setting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

PUMP TEST

Well yielded ______ GPM with a drawdown of ______ ft.

after ________ hours of pumping

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></td>
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</table>

<table>
<thead>
<tr>
<th>Suba. SWL</th>
<th>Date</th>
<th>Analysis</th>
<th>Aquifer Test</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Driller's Remarks

If more than one screen, show location of each on sketch.
Choctaw Co. Well site at land owners shop.

<< gate to shop >> shop >>>

Lid is heavy, be careful:

Well # 9578-GH4 has pump in it.
Osage # / FP: D60  County:  Health #:  Aquifer:  
Owner: Wayne's #: D3578  Local Name: 3578-GH4  
Quad Map:  Location:  Elevation:  

P 384
120719 A
33  23.499
89 13.403

Measuring Point: Top of steel cap on pipe inside steel protection collar above ground

Data: 12/7/99  Party: 
Remarks: Could not sound well, pump in casing

<table>
<thead>
<tr>
<th>Tape Down #</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Held</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wet</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Difference</td>
<td>33.62</td>
<td></td>
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<tr>
<td>MP Correction</td>
<td>8.10</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Water Level</td>
<td>81.52</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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