**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
**WATER WELL DRILLERS LOG**

| COUNTY WELL LOCATED | |
|---|---|
| Choctaw | |
| WELL NUMBER | CODED |
| D45 | |
| DATE WELL COMPLETED | |
| 3/18/99 | |

| PERMIT NUMBER |
|---|
| |
| NAME OF DRILLING FIRM |
| GeoScience Eng. |
| 4001-UND4 |

NAME & MAILING ADDRESS OF LANDOWNER
MS Lignite Corp.

Latitude: 33° 23' 40"
Longitude: 89° 14' 10"

| WELL LOCATION | SEC | TOWNSHIP | RANGE |
|---|---|---|---|
| CTR. | 27 | 18 (N) S | 10 (E) W |

DISTANCE ____ Miles DIRECTION ____ of NEAREST TOWN ____

OTHER LANDMARK

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

**WELL DATA**

| Well Depth | Casing Diameter (in.) | Casing Length (Ft.) |
|---|---|---|
| 167' | 4" | 137' |
| **Type of Casing** | **Hole Depth** | **Depth to Static Water Level** |
| PVC | 170' | |

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

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

**SCREEN DATA**

| Diameter - Inches | Length - Feet | Slot Size - Inches |
|---|---|---|
| 4" | 30' | .010 |
| **Screen Type** | | **Depth to Bottom - Feet** |
| PVC | | 167' |

**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) ____ H/P ____

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---|---|---|
| Middle Wilcox | | |

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
Signature of Licensed Driller and License No.

8/15/2003
Date

Additional Information Required On Back

Data from lignite mine project files