

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
Deaf River
 WELL NUMBER # *01* CODED
 DATE WELL COMPLETED *9-5-00*

P-2180
 PERMIT NUMBER *0519*
 NAME OF DRILLING FIRM
Bunge Well Service

NAME & MAILING ADDRESS OF LANDOWNER
Harl Soil Co
Denley Field McNeil Rd
Carnegie, Mo 39426
 WELL LOCATION: SEC *25* TOWNSHIP *4* RANGE *N 17 E*
 DISTANCE *1* Miles *5* of *McNeil, Mo*
 OTHER LANDMARK *across road*
McNeil Water Tower
 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) *3PH 5HP* H/P *5*

Pump Capacity (GPM) *60* No. of Stages *17* Setting Depth *280* FT.
 PUMP TEST
 Well yielded *52.8* GPM with
 a drawdown of _____ ft.
 after _____ hours of pumping

WELL DATA

| | | |
|------------------------------|-----------------------------------|---|
| Well Depth <i>355</i> | Casing Diameter (In.) <i>4</i> | Casing Length (Ft.) <i>320</i> |
| Type of Casing <i>PVC</i> | Hole Depth <i>460</i> | Depth to Static Water Level <i>160</i> |

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

WELL GROUTED TO A DEPTH OF *10* FEET
 Type Grout (circle one) Cement, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log _____

SCREEN DATA

| | | |
|-------------------------------|--------------------------------------|---------------------------------|
| Diameter - inches <i>4</i> | Length - Feet <i>25</i> | Slot Size - Inches <i>#8</i> |
| Screen Type <i>J-wrap</i> | Depth to Bottom - Feet <i>355</i> | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks _____

Top of Lap Pipe or Reduction in Casing _____

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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| <i>Red clay</i> | <i>0</i> | <i>20</i> |
| <i>Red sand</i> | <i>20</i> | <i>60</i> |
| <i>White Clay</i> | <i>60</i> | <i>90</i> |
| <i>Blue Clay</i> | <i>90</i> | <i>120</i> |
| <i>Organic Layer</i> | <i>120</i> | <i>140</i> |
| <i>Blue Clay</i> | <i>140</i> | <i>180</i> |
| <i>sand</i> | <i>180</i> | <i>205</i> |
| <i>White Clay</i> | <i>205</i> | <i>260</i> |
| <i>Blue Clay</i> | <i>260</i> | <i>305</i> |
| <i>sand</i> | <i>305</i> | <i>355</i> |

RECEIVED

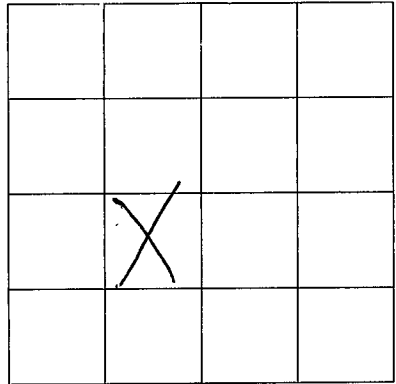
FEB 27 2001

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION 25

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for additional information.

If more than one screen,
show location of each on sketch.