

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 CLARK | |
| WELL NUMBER Q 2027 | CODED |
| DATE WELL COMPLETED 3-24-00 | |

| |
|--|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM Hampson Bros |

| | | | |
|---|-----------|----------------|----------|
| NAME & MAILING ADDRESS OF LANDOWNER Spooner Energy | | | |
| 956 Deposit Guaranty Plaza | | | |
| 210 E. Capital St. | | | |
| Jackson MS. 39201 | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | 15 | 10 | 8 |
| | | N | E |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| 6 1/2 | W | SHABITA | |
| OTHER LANDMARK | | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Rig Supply | | | |

| | | |
|--|---------------|---------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): Submersible Turbine, Jet, Flowing Well, Other (Describe) | | |
| POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| | | FT. |
| PUMP TEST | | |
| Well yielded 40 GPM with | | |
| a drawdown of _____ ft. | | |
| after air lift hours of pumping | | |

| | | |
|---|-----------------------|-----------------------------|
| WELL DATA | | |
| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
| 517 | 4 | 477 |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| PVC | 517 | 155 |
| TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) | | |
| 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 | Length - Feet | Slot Size - Inches |
| 4 | 40 | .010 |
| Screen Type | Depth to Bottom - Feet | |
| PVC slot | 517 | |

| | | | |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks lost returns @ 155 (fractured limestone) | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|------------------------|------|-----|
| red clay + sand | 0 | 20 | shale | 297 | 406 |
| sand | 20 | 43 | rock | 406 | 407 |
| yellow clay | 43 | 85 | shale | 407 | 420 |
| white chalk | 85 | 90 | sand + clay | 420 | 517 |
| sandy clay | 90 | 100 | | | |
| clay | 100 | 155 | | | |
| limestone | 155 | 170 | | | |
| brown gumbo | 170 | 204 | | | |
| rock | 204 | 205 | | | |
| limestone | 205 | 270 | | | |
| clay | 270 | 297 | | | |

IF MORE SPACE IS NEEDED, USE BACK