

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

| | |
|---|-------|
| COUNTY WELL LOCATED SUNFLOWER | |
| WELL NUMBER <i>J 2018</i> | CODED |
| DATE WELL COMPLETED 4-4-97 | |

| |
|--|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM LAYNE-CENTRAL, a division of Layne Christensen Company |

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

| | | | |
|---|--------------------------|-----------------------------|----------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER JAMES KING FARM | | | |
| 335 HIGHWAY 442 | | | |
| SHAW, MS 38773 | | | |
| WELL LOCATION: | SEC 3 | TOWNSHIP 20 | RANGE 5 W |
| DISTANCE 4 Miles | DIRECTION E of | NEAREST TOWN SHAW | |
| OTHER LANDMARK | | | |
| WELL PURPOSE: Home <u>Irrigation</u> Municipal, Industrial, Fish Pond, etc. | | | |

| | | |
|--|---------------------------|--------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____ | | |
| Pump Capacity (GPM) 1200 | No. of Stages 1 | Setting Depth 60 FT. |
| PUMP TEST NOT TESTED | | |
| Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping | | |

WELL DATA

| | | |
|------------------------------|-------------------------------------|--|
| Well Depth 120' | Casing Diameter (In.) 10" | Casing Length (Ft.) 80' |
| Type of Casing PVC | Hole Depth 123' | Depth to Static Water Level 35' 9" |

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

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

SCREEN DATA

| | | |
|---------------------------------|---------------------------------------|-----------------------------------|
| Diameter - Inches 10" | Length - Feet 40' | Slot Size - Inches .050 |
| Screen Type PVC | Depth to Bottom - Feet 123' | |

LOG DATA

| |
|---|
| TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, <u>No Log Run</u> , Other (Describe) _____ |
| Name of Organization Running Log |

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 |
|---------------------------------------|------|-----|
| CLAY | 0 | 40 |
| COARSE SAND, PEA GRAV. | 40 | 53 |
| FINE SAND AND CLAY | 53 | 63 |
| COARSE SAND, PEA GRAV. | 63 | 123 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| FORMATIONS (Continued) | FROM | TO |
|--|------|----|
| RECEIVED | | |
| MAY 08 1997 | | |
| 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 _____

Please indicate well location X.

ADDITIONAL INFORMATION

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