

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
Newton

WELL NUMBER
E 2049

CODED

DATE WELL COMPLETED
6/6/90

PERMIT NUMBER

NAME OF DRILLING FIRM
McDonald & Kelle
Meridian, Miss.

NAME & MAILING ADDRESS OF LANDOWNER
Leen Adams
RT 1 Box 70
Lawrence, Miss, 39336

WELL LOCATION: SEC 34 TOWNSHIP 70 N RANGE 10 E
S W

DISTANCE 8.9 Miles DIRECTION NW of NEAREST TOWN Newton

OTHER LANDMARK

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) H/P

| | | |
|---------------------|---------------|----------------|
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| <u>5</u> | <u>13</u> | <u>147</u> FT. |

PUMP TEST

Well yielded 25 GPM with
a drawdown of 30 ft.
after 2 hours of pumping

WELL DATA

| | | |
|------------------------------|-----------------------------------|--|
| Well Depth <u>430</u> | Casing Diameter (In.) <u>4</u> | Casing Length (Ft.) <u>325</u> |
| Type of Casing <u>Pvc</u> | Hole Depth <u>325</u> | Depth to Static Water Level <u>120'</u> |

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

Top of Lap Pipe or Reduction in Casing
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

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 |
| | | |
| Screen Type | Depth to Bottom - Feet | |
| | | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| <u>Clay - sand</u> | <u>0</u> | <u>22</u> |
| <u>Sandy Shale, STR</u> | <u>22</u> | <u>85</u> |
| <u>Shale</u> | <u>85</u> | <u>105</u> |
| <u>Sand</u> | <u>105</u> | <u>295</u> |
| <u>Shale</u> | <u>295</u> | <u>355</u> |
| <u>Rock, shale, sandst</u> | <u>355</u> | <u>390</u> |
| <u>Green sand</u> | <u>390</u> | <u>410</u> |
| <u>Sandy Shale</u> | <u>410</u> | <u>430</u> |

FORMATIONS (Continued)

DEC 3 1990

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IF MORE SPACE IS NEEDED, USE BACK

