

**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<br><i>(ounded)</i> |                    |
| WELL NUMBER<br><i>R 44</i>             | CODING<br><i>✓</i> |
| DATE WELL COMPLETED<br><i>8/19/95</i>  |                    |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><i>Clardy Well<br/>Columbus, Ind</i> |

|   |             |                |             |
|---|-------------|----------------|-------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>Nancy Ames</i>                              |             |                |             |
| <i>Primrose Rd.</i>   |             |                |             |
| <i>Columbus, Ind 43170</i>  |             |                |             |
| WELL LOCATION:  | SEC         | TOWNSHIP       | RANGE       |
|   | <i>32</i>   | <i>18 N</i>    | <i>17 E</i> |
| DISTANCE  | DIRECTION   | NEAREST TOWN   |             |
| <i>5 1/2</i> Miles  | <i>East</i> | <i>Artesia</i> |             |
| OTHER LANDMARK  |             |                |             |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><i>Home</i> |             |                |             |

|  |               |                |
|--|---------------|----------------|
| <b>PUMP DATA</b>   |               |                |
| PUMP TYPE (Circle One):<br><input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet <input type="radio"/> Flowing Well,<br>Other (Describe) _____  |               |                |
| POWER TYPE (Circle One):<br><input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane,<br>Other (Describe) _____ H/P <i>5</i> |               |                |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth  |
| <i>60</i>  | <i>15</i>     | <i>294</i> FT. |
| PUMP TEST  |               |                |
| Well yielded _____ GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping   |               |                |

|                                |                                    |  |
|--------------------------------|------------------------------------|--|
| <b>WELL DATA</b>               |                                    |  |
| Well Depth<br><i>771'</i>      | Casing Diameter (In.)<br><i>4"</i> | Casing Length (Ft.)<br><i>400'</i>         |
| Type of Casing<br><i>Steel</i> | Hole Depth                         | Depth to Static Water Level<br><i>112'</i> |

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

|                                |                             |                                   |
|--------------------------------|-----------------------------|-----------------------------------|
| <b>SCREEN DATA</b>             |                             |                                   |
| Diameter - Inches<br><i>2"</i> | Length - Feet<br><i>50'</i> | Slot Size - Inches<br><i>.013</i> |
| Screen Type<br><i>Steel</i>    | Depth to Bottom - Feet      |                                   |

|  |  |  |
|--|--|--|
| <b>LOG DATA</b>  |  |  |
| TYPE OF LOG RUN (Circle One):<br><input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron,<br>Other (Describe) _____ |  |  |
| Name of Organization Running Log<br><b>SEP 01 1995</b>   |  |  |

|  |               |                |              |
|--|---------------|----------------|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b> |               |                |              |
| Surface Elev.                          | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. Swell                            | Date          | Driller's      | Guifer Test  |

Driller's Remarks

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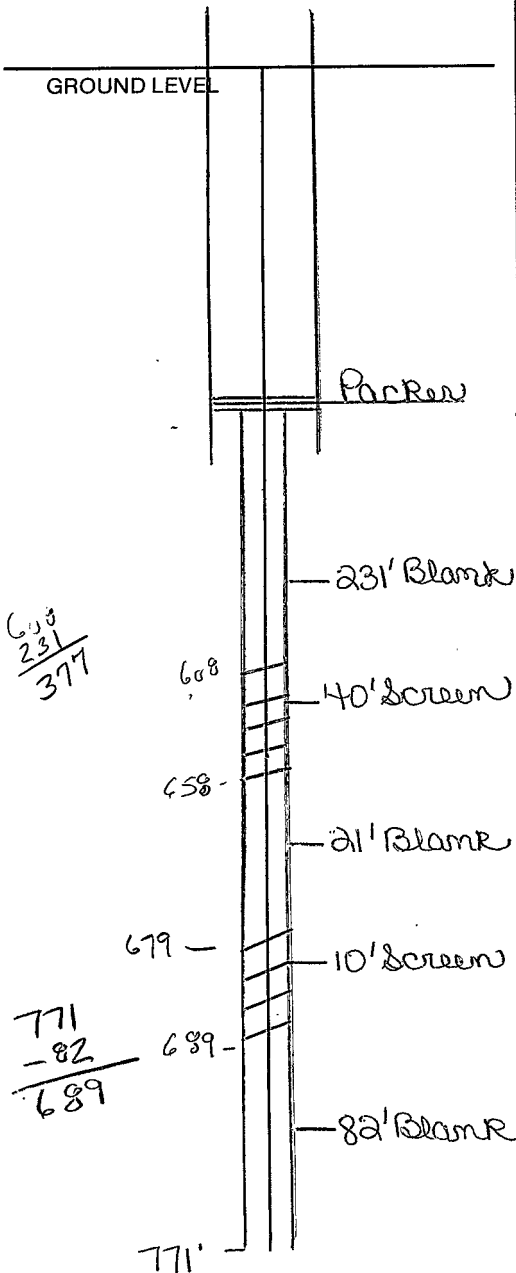
Top of Lap Pipe or Reduction in Casing

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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  | FORMATIONS (Continued) | FROM    | TO      |
|---------------------------------------|------|-----|------------------------|---------|---------|
| Brown clay                            | 0    | 12  | Sand streak            | 428     | 500     |
| Blue clay                             | 12   | 398 | Clay                   | 500     | 520 1/2 |
| Clay                                  | 398  | 408 | Sandy clay             | 520 1/2 | 526 1/2 |
| Sandy clay                            | 408  | 411 | Fine sand              | 526 1/2 | 540     |
| Clay                                  | 411  | 427 | Sandy clay             | 540     | 542     |
| Rocky sand streak                     | 427  | 442 | Fine sand              | 542     | 545     |
| Rocky clay                            | 442  | 461 | Rock + sand            | 545     | 547     |
| Sand streak                           | 461  | 462 | Clay                   | 547     | 554     |
| Rocky clay                            | 462  | 468 | Sand                   | 554     | 555 1/2 |
| Fine sand streak                      | 468  | 482 | Clay                   | 555 1/2 | 580     |
| Clay                                  | 482  | 488 | Sandy clay             | 580     | 608     |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.



|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

|                  |               |
|------------------|---------------|
| Rocky sand       | 608 - 628     |
| Hard rock        | 628 - 628 1/2 |
| Fine sand        | 628 1/2 - 633 |
| Clay             | 633 - 639     |
| Fine sand        | 639 - 642     |
| Clay             | 642 - 657     |
| Fine sand        | 657 - 662     |
| Fine sandy clay  | 662 - 681     |
| Fine sand        | 681 - 690     |
| Clay             | 690 - 708     |
| Fine sand        | 708 - 712     |
| Red & white clay | 712 - 745     |
| Fine sandy clay  | 745 - 757     |
| Hard clay        | 757 - 771 1/2 |

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