

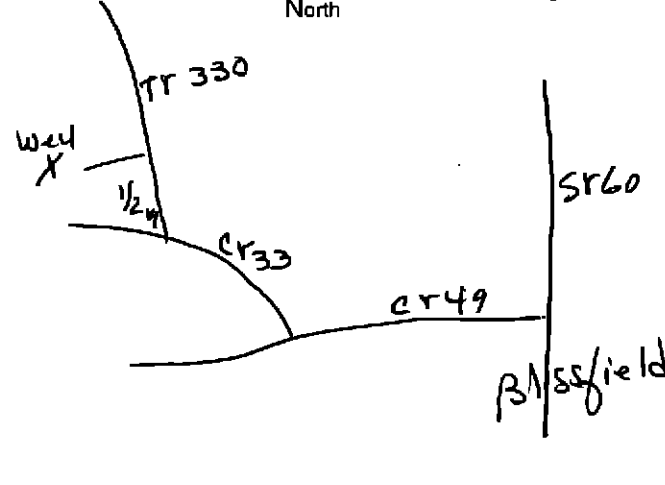
## WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 1939 Fountain Square Drive

Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

884246

| WELL LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         | CONSTRUCTION DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|----|------|---|---|--------------|---|----|------------|----|-----|-----------|-----|-----|------------------|-----|-----|------------|-----|-----|-------|-------|-------|-------|---------|-------|-------------|--|--|
| County <u>Coshocton</u> Township <u>Monroe</u><br>Owner/Builder <u>Rodney Idarstine</u><br><small>(Circle One or Both)</small><br>Address of Well Location <u>310 95 Tr 330</u><br><small>Number Street Name</small><br>City <u>Warsaw</u> Zip Code +4 <u>43844</u><br>Permit No. <u>2000-42</u> Section/Lot No. <u></u><br><small>(Circle One or Both)</small><br>Location of Well in State Plane coordinates, if available: <u></u> Use of Well <u></u><br>N <input type="checkbox"/> X <u></u> +/- <u></u> ft. or m<br>S <input type="checkbox"/> Y <u></u> +/- <u></u> ft. or m<br>Elevation of Well <u></u> +/- <u></u> ft. or m<br>Datum Plain: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 Elevation Source <u></u><br>Source of Coordinates: <input type="checkbox"/> GPS <input type="checkbox"/> Survey <input type="checkbox"/> Other <u></u> |         | <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Augered <input type="checkbox"/> Driven <input type="checkbox"/> Other <u></u><br><b>BOREHOLE/CASING</b> (measured from ground surface)<br>1 <input checked="" type="checkbox"/> Borehole Diameter <u>5</u> inches Depth <u>67.6</u> ft.<br>Casing Diameter <u>5</u> in. Length <u>67.6</u> ft. Thickness <u></u> in.<br>2 <input type="checkbox"/> Borehole Diameter <u></u> inches Depth <u></u> ft.<br>Casing Diameter <u></u> in. Length <u></u> ft. Thickness <u></u> in.<br>Casing Height Above Ground <u></u> ft.<br>Type 1 <input checked="" type="checkbox"/> Steel 1 <input type="checkbox"/> Galv. 1 <input type="checkbox"/> PVC 1 <input type="checkbox"/><br>2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other <u></u><br>Joints 1 <input checked="" type="checkbox"/> Threaded 1 <input type="checkbox"/> Welded 1 <input type="checkbox"/> Solvent 1 <input type="checkbox"/><br>2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other <u></u><br><b>SCREEN</b><br>Diameter <u></u> Slot Size <u></u> Screen Length <u></u> ft.<br>Type <u></u> Material <u></u><br>Set Between <u></u> ft. and <u></u> ft.<br><b>GRAVEL PACK</b> (Filter Pack)<br>Material/Size <u></u> Volume/Weight Used <u></u><br>Method of Installation <u></u><br>Depth: Placed FROM <u></u> ft. TO <u></u> ft.<br><b>GROUT</b><br>Material <u>Pessanta clay</u> Volume/Weight Used <u>1000 lb</u><br>Method of Installation <u>cast into</u><br>Depth: Placed FROM <u>ground</u> ft. TO <u>67</u> ft. |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: <u></u> Long: <u></u><br>North<br><br>South                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | <b>DRILLING LOG*</b><br>INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.<br>Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.<br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Loam</td> <td>0</td> <td>1</td> </tr> <tr> <td>Yellow shale</td> <td>1</td> <td>25</td> </tr> <tr> <td>Gray shale</td> <td>25</td> <td>305</td> </tr> <tr> <td>Sandstone</td> <td>305</td> <td>330</td> </tr> <tr> <td>Gray sandy shale</td> <td>330</td> <td>350</td> </tr> <tr> <td>Gray shale</td> <td>350</td> <td>370</td> </tr> <tr> <td>Water</td> <td>69-70</td> <td>1 gal</td> </tr> <tr> <td>Water</td> <td>340-345</td> <td>5 gal</td> </tr> <tr> <td>Drill Shale</td> <td></td> <td></td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  | From | To | Loam | 0 | 1 | Yellow shale | 1 | 25 | Gray shale | 25 | 305 | Sandstone | 305 | 330 | Gray sandy shale | 330 | 350 | Gray shale | 350 | 370 | Water | 69-70 | 1 gal | Water | 340-345 | 5 gal | Drill Shale |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | From    | To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Loam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Yellow shale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1       | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Gray shale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25      | 305                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Sandstone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 305     | 330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Gray sandy shale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 330     | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Gray shale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 350     | 370                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 69-70   | 1 gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 340-345 | 5 gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| Drill Shale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| <b>WELL TEST*</b><br>Pre-Pumping Static Level <u></u> ft. Date <u></u><br>Measured from: <input checked="" type="checkbox"/> Top of Casing <input type="checkbox"/> Ground Level <input type="checkbox"/> Other <u></u><br><input type="checkbox"/> Air <input checked="" type="checkbox"/> Bailing <input type="checkbox"/> Pumping* <input type="checkbox"/> Other <u></u><br>Test Rate <u>6</u> gpm Duration of Test <u>2</u> hrs.<br>Feet of Drawdown <u>dry</u> ft. Sustainable Yield <u>6</u> gpm<br>*(Attach a copy of the pumping test record, per section 1521.05, ORC)<br>Is Copy Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No Flowing Well? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Quality <u></u>                                                                                                                   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |
| <b>PUMP/PITLESS</b><br>Type of pump <u>Sub INP</u> Capacity <u>5</u> gpm<br>Pump set at <u>360</u> ft. Pileless Type <u>DICKENS</u><br>Pump installed by <u>N.L. Croup &amp; Drilling</u><br>I hereby certify the information given is accurate and correct to the best of my knowledge.<br>Drilling Firm <u>N.L. Croup Drilling</u><br>Address <u>29616 Tr 609</u><br>City, State, Zip <u>Coshocton OH 43812</u><br>Signed <u>Ned L Croup</u> Date <u>6-29-01</u><br>ODH Registration Number <u>1293</u>                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |      |    |      |   |   |              |   |    |            |    |     |           |     |     |                  |     |     |            |     |     |       |       |       |       |         |       |             |  |  |

\*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 6-26-00 Total Depth of Well 370 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-9971

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy