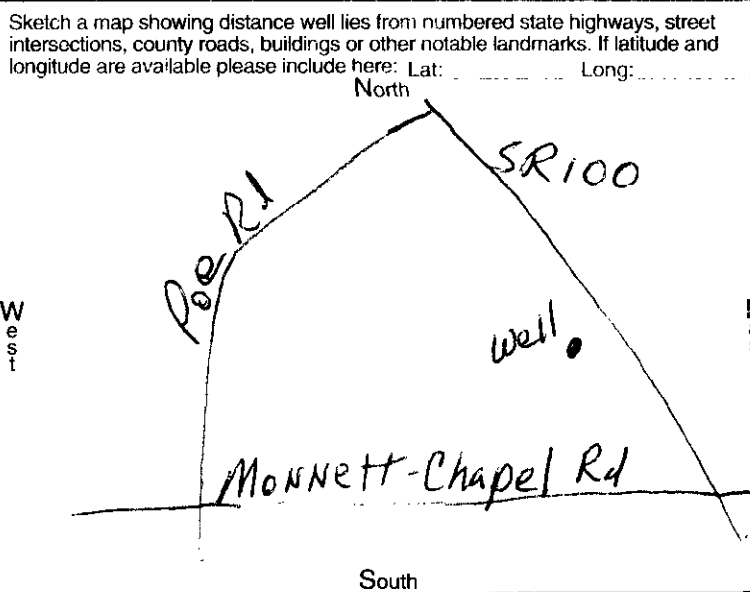


## WELL LOG AND DRILLING REPORT

TYPE OR USE PEN  
SELF TRANSCRIBING  
PRESS HARD

Ohio Department of Natural Resources  
Division of Water, 1939 Fountain Square Drive  
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

860377

| WELL LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | CONSTRUCTION DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|----|----------------|----------|----------|-------------------|----------|----------|------------------|----------|-----------|-------------------------------|-----------|-----------|------------------|-----------|-----------|-----------------|-----------|-----------|------------------|-----------|-----------|---------------|-----------|-----------|--------------------|-----------|-----------|------------------------|-----------|-----------|
| County <u>Crawford</u> Township <u>Whetstone</u><br>Owner/Builder <u>Vickie + Mark Lloyd</u><br>Address of Well Location <u>1130 SR100</u><br>City <u>Bucyrus</u> Zip Code <u>+4 7820</u><br>Permit No. <u>01-41</u> Section of No. <u>33</u><br>Location of Well in State Plane coordinates, if available: Use of Well <u>household</u><br>N <input type="checkbox"/> X <input type="checkbox"/> +/- ft. or m.<br>S <input type="checkbox"/> Y <input type="checkbox"/> +/- ft. or m.<br>Elevation of Well +/- ft. or m.<br>Datum Plain: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 Elevation Source<br>Source of Coordinates: <input type="checkbox"/> GPS <input type="checkbox"/> Survey <input type="checkbox"/> Other                     |           | <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Augered <input type="checkbox"/> Driven <input type="checkbox"/> Other<br><b>BOREHOLE/CASING</b> (measured from ground surface)<br>1) Borehole Diameter <u>6 5/8</u> OD inches Depth <u>60</u> ft.<br>Casing Diameter <u>6 5/8</u> in. Length <u>59</u> ft. Thickness <u>1 3/8</u> in.<br>2) Borehole Diameter _____ inches Depth _____ ft.<br>Casing Diameter _____ in. Length _____ ft. Thickness _____ in.<br>Casing Height Above Ground <u>3'</u><br>Type 1 <input checked="" type="checkbox"/> Steel 1 <input type="checkbox"/> Galv. 1 <input type="checkbox"/> PVC 1 <input type="checkbox"/> Other<br>2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/><br>Joints 1 <input type="checkbox"/> Threaded 1 <input checked="" 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"/>                                    |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| 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: _____ Long: _____<br>                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>SCREEN</b><br>Diameter _____ Slot Size _____ Screen Length _____ ft.<br>Type _____ Material _____<br>Set Between _____ ft. and _____ ft.<br><b>GRAVEL PACK</b> (Filter Pack)<br>Material/Size _____ Volume/Weight Used _____<br>Method of Installation _____<br>Depth: Placed FROM _____ ft. TO _____ ft.<br><b>GROUT</b><br>Material <u>benseal</u> Volume/Weight Used <u>50 lb.</u><br>Method of Installation <u>poured dry</u><br>Depth: Placed FROM _____ ft. TO <u>20</u> ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <b>WELL TEST*</b><br>Pre-Pumping Static Level <u>18</u> ft. Date <u>7/10/01</u><br>Measured from: <input type="checkbox"/> Top of Casing <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> Other<br><input type="checkbox"/> Air <input checked="" type="checkbox"/> Bailing <input type="checkbox"/> Pumping* <input type="checkbox"/> Other<br>Test Rate <u>30</u> gpm Duration of Test <u>2</u> hrs.<br>Feet of Drawdown <u>22</u> ft. Sustainable Yield _____ gpm<br>*(Attach a copy of the pumping test record, per section 1521.05, ORC)<br>Is Copy Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flowing Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Quality _____ |           | <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><u>Topsoil</u></td> <td><u>0</u></td> <td><u>2</u></td> </tr> <tr> <td><u>brown clay</u></td> <td><u>2</u></td> <td><u>9</u></td> </tr> <tr> <td><u>grey clay</u></td> <td><u>9</u></td> <td><u>22</u></td> </tr> <tr> <td><u>grey clay &amp; gravel</u></td> <td><u>22</u></td> <td><u>27</u></td> </tr> <tr> <td><u>grey clay</u></td> <td><u>27</u></td> <td><u>43</u></td> </tr> <tr> <td><u>boulders</u></td> <td><u>43</u></td> <td><u>46</u></td> </tr> <tr> <td><u>grey clay</u></td> <td><u>46</u></td> <td><u>57</u></td> </tr> <tr> <td><u>gravel</u></td> <td><u>57</u></td> <td><u>59</u></td> </tr> <tr> <td><u>black shale</u></td> <td><u>59</u></td> <td><u>60</u></td> </tr> <tr> <td><u>water in gravel</u></td> <td><u>57</u></td> <td><u>59</u></td> </tr> </tbody> </table> |  |  | From | To | <u>Topsoil</u> | <u>0</u> | <u>2</u> | <u>brown clay</u> | <u>2</u> | <u>9</u> | <u>grey clay</u> | <u>9</u> | <u>22</u> | <u>grey clay &amp; gravel</u> | <u>22</u> | <u>27</u> | <u>grey clay</u> | <u>27</u> | <u>43</u> | <u>boulders</u> | <u>43</u> | <u>46</u> | <u>grey clay</u> | <u>46</u> | <u>57</u> | <u>gravel</u> | <u>57</u> | <u>59</u> | <u>black shale</u> | <u>59</u> | <u>60</u> | <u>water in gravel</u> | <u>57</u> | <u>59</u> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | From      | To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>Topsoil</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>0</u>  | <u>2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>brown clay</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u>2</u>  | <u>9</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>grey clay</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>9</u>  | <u>22</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>grey clay &amp; gravel</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u>22</u> | <u>27</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>grey clay</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>27</u> | <u>43</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>boulders</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>43</u> | <u>46</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>grey clay</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>46</u> | <u>57</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>gravel</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u>57</u> | <u>59</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>black shale</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u>59</u> | <u>60</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <u>water in gravel</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>57</u> | <u>59</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |
| <b>PUMP/PITLESS</b><br>Type of pump _____ Capacity _____ gpm<br>Pump set at _____ ft. Pitless Type _____<br>Pump installed by _____<br>I hereby certify the information given is accurate and correct to the best of my knowledge.<br>Drilling Firm <u>Lites</u><br>Address <u>1083 SR100</u><br>City, State, Zip <u>Bucyrus</u><br>Signed <u>Roger Lites</u> Date <u>7/13/01</u><br>ODH Registration Number <u>717</u>                                                                                                                                                                                                                                                                                                                                            |           | *(If more space is needed to complete drilling log, use next consecutively numbered form.)<br>Date of Well Completion <u>7/10/01</u> Total Depth of Well <u>60</u> ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |      |    |                |          |          |                   |          |          |                  |          |           |                               |           |           |                  |           |           |                 |           |           |                  |           |           |               |           |           |                    |           |           |                        |           |           |