

COMMONWEALTH OF VIRGINIA  
UNIFORM WATER WELL COMPLETION REPORT

DEQ Well # \_\_\_\_\_  
USGS Local # \_\_\_\_\_  
VDH HDIN # 101-20-0319  
VDH PWSID # \_\_\_\_\_

\*Indicates required field or section

\*\*Indicates required field or section, if applicable

1. Contact Information\*

| Contact:        | Name                 | Address                                       | Phone        |
|-----------------|----------------------|-----------------------------------------------|--------------|
| Owner           | Murcielago LLC       | 27 Congress Street, Suite 502, Salem MA 01970 |              |
| Driller         | Wilson Well Drilling | P.O. Box 729, Ruckersville Va 22968           | 434-990-2010 |
| System Provider |                      |                                               |              |

2. Well Location\*

|                                                                       |                                                                                                                                                                                          |                        |         |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------|
| Physical Address: Intersection of Jordon Run Ln and Thomas Ridge Lane |                                                                                                                                                                                          | County/City: Albemarle |         |
| Subdivision Name:                                                     | Section:                                                                                                                                                                                 | Block:                 | Lot: 35 |
| Tax Map/GPIN #: 114-72W                                               |                                                                                                                                                                                          |                        |         |
| Latitude:                                                             | N                                                                                                                                                                                        | Longitude:             | W       |
| Datum Source                                                          | Horizontal: <input type="checkbox"/> WGS84 <input type="checkbox"/> NAD83 <input type="checkbox"/> NAD27                                                                                 |                        |         |
| Lat/Long Source (Check One):                                          | <input type="checkbox"/> Map <input type="checkbox"/> GPS <input type="checkbox"/> PPDGPS <input type="checkbox"/> Survey <input type="checkbox"/> Imagery <input type="checkbox"/> WAAS |                        |         |
| Location Information Collected By :                                   |                                                                                                                                                                                          |                        |         |
| Physical Location Description:                                        |                                                                                                                                                                                          |                        |         |

3. Facility & Use\*

| Type of Facility (Check One):                        | Type of Use (Check All That Apply):                                                                                                      |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Private          | <input checked="" type="checkbox"/> Drinking/Domestic Use <input type="checkbox"/> Agricultural <input type="checkbox"/> Food Processing |
| <input type="checkbox"/> Waterworks                  | <input type="checkbox"/> Manufacturing <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection                            |
| <input type="checkbox"/> Observation/Monitoring Well | <input type="checkbox"/> Geothermal (Cooling/Heating) <input type="checkbox"/> Fire Safety                                               |
|                                                      | <input type="checkbox"/> Closed                                                                                                          |
|                                                      | <input type="checkbox"/> Open: <input type="checkbox"/> Returned to Surface                                                              |
|                                                      | <input type="checkbox"/> Returned to Aquifer                                                                                             |

4. Well Construction\*

|                                                                                                                                                                                                                                                                                                           |                                      |                                                               |                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------|-----------------------------------------------------|
| Well designation, Name or Number:                                                                                                                                                                                                                                                                         |                                      |                                                               |                                                     |
| Date Started: 10/28/20                                                                                                                                                                                                                                                                                    | Date Completed: 10/28/20             | Type Rig: Rotary                                              |                                                     |
| Class Well (Check One): <input type="checkbox"/> I <input type="checkbox"/> IIA <input type="checkbox"/> IIB <input type="checkbox"/> IIIA <input checked="" type="checkbox"/> IIIB <input type="checkbox"/> IIIC <input type="checkbox"/> IIID <input type="checkbox"/> IIIE <input type="checkbox"/> IV |                                      |                                                               |                                                     |
| Construction Type (Check One): <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing-Modified: <input type="checkbox"/> Well <input type="checkbox"/> Pump: Date _____                                                                                                                |                                      |                                                               |                                                     |
| Well Depth: 600 ft.                                                                                                                                                                                                                                                                                       | Total Hole (borehole) Depth: 600 ft. | Depth to Bedrock: _____ ft.                                   |                                                     |
| Hole Size (Include reamed zones): 10 inches from 0 to 600 ft. Inches from _____ to _____ ft.                                                                                                                                                                                                              |                                      |                                                               |                                                     |
| Height of Casing above Land Surface: _____ ft. 18 inches                                                                                                                                                                                                                                                  |                                      |                                                               |                                                     |
| Casing Size (I.D.) and Materials: (below)                                                                                                                                                                                                                                                                 |                                      | Total Depth of Casing: 90 ft.                                 |                                                     |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Material _____                       | Weight per ft. _____                                          | or wall thickness _____ in.                         |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Material _____                       | Weight per ft. _____                                          | or wall thickness _____ in.                         |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Material _____                       | Weight per ft. _____                                          | or wall thickness _____ in.                         |
| Screen Size & Mesh:                                                                                                                                                                                                                                                                                       |                                      |                                                               |                                                     |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Mesh Size _____                      | Type _____                                                    |                                                     |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Mesh Size _____                      | Type _____                                                    |                                                     |
| _____ inches from _____ to _____ ft. <input type="checkbox"/> infilled                                                                                                                                                                                                                                    | Mesh Size _____                      | Type _____                                                    |                                                     |
| Water Zones: from 92 to 93 ft.                                                                                                                                                                                                                                                                            |                                      | from 210 to 211 ft.                                           | from 515 to 516 ft.                                 |
| Gravel Pack:                                                                                                                                                                                                                                                                                              |                                      |                                                               |                                                     |
| Size: _____ Type: _____                                                                                                                                                                                                                                                                                   | from _____ to _____ ft.              | Size: _____ Type: _____                                       | from _____ to _____ ft.                             |
| Grout Type:                                                                                                                                                                                                                                                                                               | from 0 to 50 ft.                     | Grouting Method:                                              | Type of Seal:                                       |
| <input checked="" type="checkbox"/> Bentonite Slurry <input type="checkbox"/> Neat Cement                                                                                                                                                                                                                 |                                      | <input type="checkbox"/> Poured from surface                  | <input checked="" type="checkbox"/> pitless adapter |
| <input type="checkbox"/> Bentonite pellets/chips <input type="checkbox"/> Concrete                                                                                                                                                                                                                        |                                      | <input type="checkbox"/> Poured through tremmie pipe          | <input type="checkbox"/> sanitary seal              |
| <input type="checkbox"/> Neat Cement (6% bentonite)                                                                                                                                                                                                                                                       | from _____ to _____ ft.              | <input checked="" type="checkbox"/> Pumped from bottom upward |                                                     |
| Camera Survey: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                   |                                      |                                                               | Date Conducted:                                     |
| Additional Well Construction Form Information Attached: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                          |                                      |                                                               |                                                     |

Formation \_\_\_\_\_ Lithology \_\_\_\_\_ Province \_\_\_\_\_ Geologic Map Used \_\_\_\_\_

Elevation \_\_\_\_\_

**For Office Use**

\*\*Indicates required field or section, if applicable

| Well designation, Name or Number: |     |                                            |                                 |                      |                                                |
|-----------------------------------|-----|--------------------------------------------|---------------------------------|----------------------|------------------------------------------------|
| Depth (feet)                      |     | Type of Rock or Soil                       | Remarks                         | Drilling Time (Min.) | Diagram of Well Construction (with dimensions) |
| From                              | To  | (Color, material, fossils, hardness, etc.) | (Water, caving, cavities, etc.) |                      |                                                |
| 0                                 | 40  | Brown Sandy Soil                           |                                 |                      |                                                |
| 40                                | 80  | Brown Gray Rock                            |                                 |                      |                                                |
| 80                                | 90  | Blue Shale                                 |                                 |                      |                                                |
| 90                                | 600 | Gray Shale/Purple Rock/Quartz              |                                 |                      |                                                |

## 11. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature\*:

Date: 10/29/20

License Number: 2719000751

\*Indicates required field or section

\*\*Indicates required field or section, if applicable

## Additional Well Construction Data

(Use and submit only if additional space is needed)

### 12. Additional Well Construction Data

|                                                     |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
|-----------------------------------------------------|-------|------|------|-----------------------------------|------------------------------------------------------|----------------|-------------------|------------------------|------|----|-----|
| <b>Well designation, Name or Number:</b>            |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| <b>Physical Location:</b>                           |       |      |      | <b>Date Started:</b>              |                                                      |                |                   | <b>Date Completed:</b> |      |    |     |
| <b>Hole Size (Include reamed zones):</b>            |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | inches                            | from                                                 | to             | ft.               | inches                 | from | to | ft. |
| inches                                              | from  | to   | ft.  | inches                            | from                                                 | to             | ft.               | inches                 | from | to | ft. |
| inches                                              | from  | to   | ft.  | inches                            | from                                                 | to             | ft.               | inches                 | from | to | ft. |
| <b>Casing Size (I.D.) and Materials:</b>            |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Material                                             | Weight per ft. | or wall thickness | in.                    |      |    |     |
| <b>Screen Size &amp; Mesh:</b>                      |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| inches                                              | from  | to   | ft.  | <input type="checkbox"/> infilled | Mesh Size                                            | Type           |                   |                        |      |    |     |
| <b>Water Zones:</b>                                 |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| From                                                | to    | ft.  | From | to                                | ft.                                                  | From           | to                | ft.                    | From | to | ft. |
| From                                                | to    | ft.  | From | to                                | ft.                                                  | From           | to                | ft.                    | From | to | ft. |
| From                                                | to    | ft.  | From | to                                | ft.                                                  | From           | to                | ft.                    | From | to | ft. |
| From                                                | to    | ft.  | From | to                                | ft.                                                  | From           | to                | ft.                    | From | to | ft. |
| <b>Gravel Pack:</b>                                 |       |      |      |                                   |                                                      |                |                   |                        |      |    |     |
| Size:                                               | Type: | From | to   | ft.                               | Size:                                                | Type:          | From              | to                     | ft.  |    |     |
| Size                                                | Type: | From | to   | ft.                               | Size:                                                | Type:          | From              | to                     | ft.  |    |     |
| Size:                                               | Type: | From | to   | ft.                               | Size:                                                | Type:          | From              | to                     | ft.  |    |     |
| <b>Grout Type:</b>                                  |       |      |      |                                   | <b>Grouting Method:</b>                              |                |                   |                        |      |    |     |
| <input type="checkbox"/> Bentonite Slurry           |       |      |      |                                   | <input type="checkbox"/> Poured from surface         |                |                   |                        |      |    |     |
| <input type="checkbox"/> Bentonite pellets/chips    |       |      |      |                                   | <input type="checkbox"/> Poured through tremmie pipe |                |                   |                        |      |    |     |
| <input type="checkbox"/> Neat Cement (6% bentonite) |       |      |      |                                   | <input type="checkbox"/> Pumped from bottom upward   |                |                   |                        |      |    |     |