

MAIL TO:

WATER SUPPLY SECTION  
DIVISION OF WATER  
RESOURCES  
89 KINGS HIGHWAY  
DOVER, DELAWARE 19901

PHONE: 302-739-9944  
FAX: 302-739-7764

STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES  
AND ENVIRONMENTAL CONTROL

WELL COMPLETION REPORT

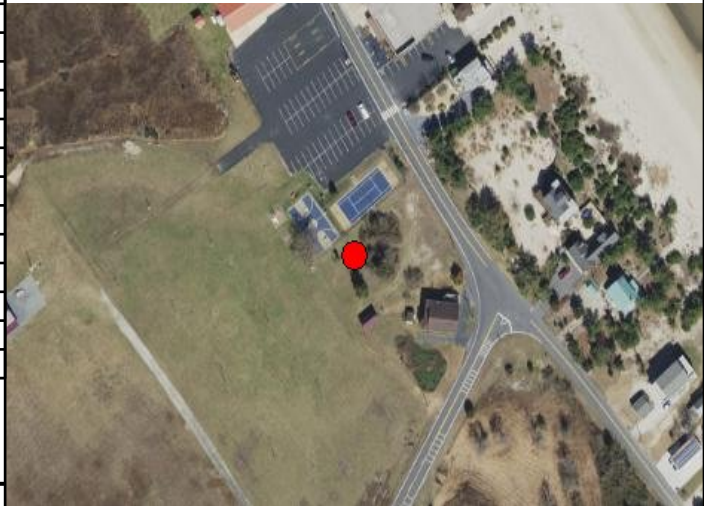
http://www.dnrec.state.de.us/

APPLICATION MUST BE SUBMITTED  
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DRILLING IS STARTED.

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PERMIT #: 269255

|   |  |
|---|--|
| <b>Owner:</b> Artesian Water Company, Inc                                 | <b>LOCATION MAP - ROAD MAP</b>   |
| <b>Address:</b> 664 Churchmans Rd<br>Newark DE US 19702                   | <b>County:</b> Sussex  |
| <b>Telephone:</b> (302)453-6935   | <b>Tax Parcel:</b> 2-30-01.00-0005.01                                    |
| <b>Email:</b> bprice@artesianwater.com                                    | <b>Lot #:</b>  |
| <b>Permit #:</b> 269255   | <b>WELL HEAD COMPLETION</b>  |
| <b>Local ID:</b> Well 5   | <b>Type:</b> Pitless Adaptor   |
| <b>Licensed Preparer / WC:</b> Uni-Tech Drilling Company Inc              | <b>Other:</b>  |
| <b>License #:</b> 928   | <b>Well Head Completed:</b> 18.00 in.<br>Above Ground Surface            |
| <b>Well Driller in Charge:</b>  | Was the Well Tag attached in accordance with current regulations?<br>Yes |
| <b>License #:</b> 5270  | Comments: grout - inner 0' - 256', outer 1' - 31'                        |
| <b>Construction Method:</b> Mud Rotary                                    |  |
| <b>Total Depth of Excavation:</b> 308.00 feet                             |  |
| <b>Construction Date:</b> 4/17/2020                                       |  |
| <b>Casing</b>   | <b>Top</b> <b>Bottom</b> <b>Diameter</b> <b>Material</b>                 |
| Inner Casing  | 0.00 271.00 6.00 PVC   |
| Outer Casing  | 0.00 31.00 12.00 PVC   |
| <b>Screen Material:</b> PVC   | <b>Diameter:</b> 6.00  |
| <b>Top:</b> 271.00  | <b>Bottom:</b> 301.00  |
| <b>Type of Grout:</b> Bentonite/Cement Mixture                            |  |
| <b>Top:</b> 0.00  | <b>Bottom:</b> 256.00  |
| <b>Gravel Pack Interval:</b>  |  |
| <b>Top:</b> 256.00  | <b>Bottom:</b> 308.00  |
| <b>Type of Non-Grout Backfill of Well Annulus:</b> None                   |  |
| <b>Top:</b> 0.00  | <b>Bottom:</b> 0.00  |
| <b>Screen Slot Size:</b> 0  |  |
| <b>Gravel Pack Size:</b> #2   |  |
| <b>Static Water Level:</b> 13.00 ft. Below Ground Surface                 |  |
| <b>Date:</b> 4/17/2020  | <b>X:</b> 209652.72  |
| <b>Pumping Water Level:</b> 30.0000 ft.                                   | <b>Y:</b> 101326.52  |
| <b>Date:</b> 4/17/2020  |  |
| <b>After:</b> 4.00 hrs.   |  |
| <b>Pumping at:</b> 107.00 GPM   |  |
| <b>Was a Geophysical Log Taken?</b> Yes                                   |  |
| <b>Parcel Size:</b> Less than 0.5 Acre                                    |  |
| <b>Proposed Well will be:</b>   |  |
| 140.00 Feet of the FRONT property line                                    |  |
| 53.00 Feet of the BACK property line                                      |  |
| 96.00 Feet of the LEFT property line                                      |  |
| 15.00 Feet of the RIGHT property line                                     |  |
| 140.00 Feet from the NEAREST road   |  |
| 160.00 Feet from the SEPTIC TANK and all components                       |  |
| 160.00 Feet from the SEPTIC DRAINFIELD/CESSPOOL                           |  |
| 0.00 Feet from the CENTRAL SEWER LINE                                     |  |
| I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT. |  |
| <b>Signature - Licensed Preparer/Well Contractor</b>                      | <b>Date</b>  |
| <b>Signature - Property Owner</b>   | <b>Date</b>  |



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| FORMATION LOG        |                            |        |            |
|----------------------|----------------------------|--------|------------|
| Formation Type:      | Coarse Sand                | Other: |            |
| Formation Type With: | Sand                       | Other: |            |
| From:                | 0.00                       | To:    | 19.00      |
| Color:               | Tan                        |        |            |
| Texture              | Coarse                     | Other: |            |
| To:                  | Coarse                     | Other: |            |
| Cement:              |                            | Other: |            |
| Sorting:             |                            | Other: |            |
| Hardness:            |                            | Other: |            |
| Comment:             |                            |        |            |
| Formation Type:      | Gravel                     | Other: |            |
| Formation Type With: | Other                      | Other: | gravel     |
| From:                | 19.00                      | To:    | 22.00      |
| Color:               | tan                        |        |            |
| Texture              |                            | Other: |            |
| To:                  |                            | Other: |            |
| Cement:              |                            | Other: |            |
| Sorting:             |                            | Other: |            |
| Hardness:            |                            | Other: |            |
| Comment:             |                            |        |            |
| Formation Type:      | Coarse Sand                | Other: |            |
| Formation Type With: | Silt                       | Other: |            |
| From:                | 22.00                      | To:    | 83.00      |
| Color:               | white/tan sand orange silt |        |            |
| Texture              | Coarse                     | Other: |            |
| To:                  | Coarse                     | Other: |            |
| Cement:              |                            | Other: |            |
| Sorting:             |                            | Other: |            |
| Hardness:            |                            | Other: |            |
| Comment:             |                            |        |            |
| Formation Type:      | Other                      | Other: | silty clay |
| Formation Type With: | Other                      | Other: | fine sand  |
| From:                | 83.00                      | To:    | 105.00     |
| Color:               | gray                       |        |            |
| Texture              |                            | Other: |            |
| To:                  |                            | Other: |            |
| Cement:              |                            | Other: |            |
| Sorting:             |                            | Other: |            |
| Hardness:            |                            | Other: |            |
| Comment:             |                            |        |            |
| Formation Type:      | Clay                       | Other: |            |
| Formation Type With: | Shells                     | Other: |            |
| From:                | 105.00                     | To:    | 120.00     |
| Color:               | gray                       |        |            |
| Texture              |                            | Other: |            |
| To:                  |                            | Other: |            |
| Cement:              |                            | Other: |            |
| Sorting:             |                            | Other: |            |
| Hardness:            |                            | Other: |            |

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|                             |             |               |              |
|-----------------------------|-------------|---------------|--------------|
| <b>Comment:</b>             |             |               |              |
| <b>Formation Type:</b>      | Other       | <b>Other:</b> | clay lignite |
| <b>Formation Type With:</b> | Other       | <b>Other:</b> | gravel       |
| <b>From:</b>                | 120.00      | <b>To:</b>    | 135.00       |
| <b>Color:</b>               | gray        |               |              |
| <b>Texture</b>              |             | <b>Other:</b> |              |
| <b>To:</b>                  |             | <b>Other:</b> |              |
| <b>Cement:</b>              |             | <b>Other:</b> |              |
| <b>Sorting:</b>             |             | <b>Other:</b> |              |
| <b>Hardness:</b>            |             | <b>Other:</b> |              |
| <b>Comment:</b>             |             |               |              |
| <b>Formation Type:</b>      | Clay        | <b>Other:</b> |              |
| <b>Formation Type With:</b> | Clay        | <b>Other:</b> |              |
| <b>From:</b>                | 135.00      | <b>To:</b>    | 160.00       |
| <b>Color:</b>               | gray        |               |              |
| <b>Texture</b>              |             | <b>Other:</b> |              |
| <b>To:</b>                  |             | <b>Other:</b> |              |
| <b>Cement:</b>              |             | <b>Other:</b> |              |
| <b>Sorting:</b>             |             | <b>Other:</b> |              |
| <b>Hardness:</b>            |             | <b>Other:</b> |              |
| <b>Comment:</b>             |             |               |              |
| <b>Formation Type:</b>      | Coarse Sand | <b>Other:</b> |              |
| <b>Formation Type With:</b> | Shells      | <b>Other:</b> |              |
| <b>From:</b>                | 160.00      | <b>To:</b>    | 190.00       |
| <b>Color:</b>               | gray        |               |              |
| <b>Texture</b>              | Coarse      | <b>Other:</b> |              |
| <b>To:</b>                  | Coarse      | <b>Other:</b> |              |
| <b>Cement:</b>              |             | <b>Other:</b> |              |
| <b>Sorting:</b>             |             | <b>Other:</b> |              |
| <b>Hardness:</b>            |             | <b>Other:</b> |              |
| <b>Comment:</b>             |             |               |              |
| <b>Formation Type:</b>      | Clay        | <b>Other:</b> |              |
| <b>Formation Type With:</b> | Clay        | <b>Other:</b> |              |
| <b>From:</b>                | 190.00      | <b>To:</b>    | 192.00       |
| <b>Color:</b>               | gray        |               |              |
| <b>Texture</b>              |             | <b>Other:</b> |              |
| <b>To:</b>                  |             | <b>Other:</b> |              |
| <b>Cement:</b>              |             | <b>Other:</b> |              |
| <b>Sorting:</b>             |             | <b>Other:</b> |              |
| <b>Hardness:</b>            |             | <b>Other:</b> |              |
| <b>Comment:</b>             |             |               |              |
| <b>Formation Type:</b>      | Clay        | <b>Other:</b> |              |
| <b>Formation Type With:</b> | Shells      | <b>Other:</b> |              |
| <b>From:</b>                | 192.00      | <b>To:</b>    | 202.00       |
| <b>Color:</b>               | gray        |               |              |
| <b>Texture</b>              |             | <b>Other:</b> |              |
| <b>To:</b>                  |             | <b>Other:</b> |              |
| <b>Cement:</b>              |             | <b>Other:</b> |              |
| <b>Sorting:</b>             |             | <b>Other:</b> |              |
| <b>Hardness:</b>            |             | <b>Other:</b> |              |

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Comment:

|                      |           |        |               |
|----------------------|-----------|--------|---------------|
| Formation Type:      | Fine Sand | Other: |               |
| Formation Type With: | Other     | Other: | shells & clay |
| From:                | 202.00    | To:    | 268.00        |
| Color:               | gray      |        |               |
| Texture              | Fine      | Other: |               |
| To:                  | Fine      | Other: |               |
| Cement:              |           | Other  |               |
| Sorting:             |           | Other: |               |
| Hardness:            |           | Other: |               |

Comment:

|                      |             |        |        |
|----------------------|-------------|--------|--------|
| Formation Type:      | Medium Sand | Other: |        |
| Formation Type With: | Shells      | Other: |        |
| From:                | 268.00      | To:    | 271.00 |
| Color:               | white       |        |        |
| Texture              | Medium      | Other: |        |
| To:                  | Medium      | Other: |        |
| Cement:              |             | Other  |        |
| Sorting:             |             | Other: |        |
| Hardness:            |             | Other: |        |

Comment:

|                      |             |        |        |
|----------------------|-------------|--------|--------|
| Formation Type:      | Medium Sand | Other: |        |
| Formation Type With: | Other       | Other: | gravel |
| From:                | 271.00      | To:    | 303.00 |
| Color:               | white       |        |        |
| Texture              | Medium      | Other: |        |
| To:                  | Medium      | Other: |        |
| Cement:              |             | Other  |        |
| Sorting:             |             | Other: |        |
| Hardness:            |             | Other: |        |

Comment:

|                      |               |        |        |
|----------------------|---------------|--------|--------|
| Formation Type:      | Clay          | Other: |        |
| Formation Type With: | Clay          | Other: |        |
| From:                | 303.00        | To:    | 308.00 |
| Color:               | brown to gray |        |        |
| Texture              |               | Other: |        |
| To:                  |               | Other: |        |
| Cement:              |               | Other  |        |
| Sorting:             |               | Other: |        |
| Hardness:            |               | Other: |        |

Comment: