

MAIL TO:

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

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



DELAWARE DEPARTMENT OF
**NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**

<https://www.dnrec.state.de.us/>

**APPLICATION MUST BE SUBMITTED
AND PERMIT RECEIVED BEFORE
DRILLING IS STARTED.**

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WELL COMPLETION REPORT

PAGE # ____ OF ____ PAGES

PERMIT #: **277568**

Owner: Artesian Water Company	LOCATION MAP - ROAD MAP															
Address: 664 Churchman Road Wilmington DE US 19850	County: Sussex															
Telephone: (302)453-6900	Tax Parcel: 2-30-01.00-0005.01															
Email: bprice@artesianwater.com	Lot #:															
Permit #: 277568	WELL HEAD COMPLETION															
Local ID:	Type: Pitless Adaptor															
Licensed Preparer / WC: Uni-Tech Drilling Company Inc	Other:															
License #: 928	Well Head Completed: 24.00 in.															
Well Driller in Charge:	Above Ground Surface															
License #: 5270	Was the Well Tag attached in accordance with current regulations?															
Construction Method: Mud Rotary	Yes															
Total Depth of Excavation: 305.00 feet	Comments:															
Construction Date: 5/4/2022																
<table border="1"> <thead> <tr> <th>Casing</th> <th>Top</th> <th>Bottom</th> <th>Diameter</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>Inner Casing</td> <td>0.00</td> <td>270.00</td> <td>6.00</td> <td>PVC</td> </tr> <tr> <td>Outer Casing</td> <td>0.00</td> <td>37.00</td> <td>12.00</td> <td>PVC</td> </tr> </tbody> </table>	Casing	Top	Bottom	Diameter	Material	Inner Casing	0.00	270.00	6.00	PVC	Outer Casing	0.00	37.00	12.00	PVC	
Casing	Top	Bottom	Diameter	Material												
Inner Casing	0.00	270.00	6.00	PVC												
Outer Casing	0.00	37.00	12.00	PVC												
Screen Material: PVC	Diameter: 6.00															
Top: 270.00	Bottom: 300.00															
Type of Grout: Bentonite/Cement Mixture																
Top: 0.00	Bottom: 255.00															
Gravel Pack Interval:																
Top: 255.00	Bottom: 305.00															
Type of Non-Grout Backfill of Well Annulus: None																
Top: 0.00	Bottom: 0.00															
Screen Slot Size: 0																
Gravel Pack Size: #1 sand																
Static Water Level: 15.00 ft.	Below Ground Surface															
Date: 5/11/2022																
Pumping Water Level: 20.0000 ft.	X: 209642.90															
Date: 5/11/2022	Y: 101318.68															
After: 4.00 hrs.																
Pumping at: 57.00 GPM																
Was a Geophysical Log Taken? Yes																
Parcel Size: Less than 0.5 Acre																
Proposed Well will be:																
150.00 Feet of the FRONT property line																
43.00 Feet of the BACK property line																
96.00 Feet of the LEFT property line																
10.00 Feet of the RIGHT property line																
150.00 Feet from the NEAREST road																
170.00 Feet from the SEPTIC TANK and all components																
170.00 Feet from the SEPTIC DRAINFIELD/CESSPOOL																
0.00 Feet from the CENTRAL SEWER LINE																



Ref#: 62619

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PERMIT #: **277568**

WELL COMPLETION REPORT

FORMATION LOG			
Formation Type:	Coarse Sand	Other:	
Formation Type With:	Sand	Other:	
From:	0.00	To:	18.00
Color:	tan/white		
Texture	Coarse	Other:	
To:	Coarse	Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Medium	Other:	
Comment:			
Formation Type:	Gravel	Other:	
Formation Type With:	Sand	Other:	
From:	18.00	To:	35.00
Color:	tan/white		
Texture		Other:	
To:		Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Medium	Other:	
Comment:			
Formation Type:	Silt	Other:	
Formation Type With:	Sand	Other:	
From:	35.00	To:	55.00
Color:	tan/orange		
Texture		Other:	
To:		Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Medium	Other:	
Comment:			
Formation Type:	Silt	Other:	
Formation Type With:	Clay	Other:	
From:	55.00	To:	125.00
Color:	gray		
Texture		Other:	
To:		Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Medium	Other:	
Comment:			
Formation Type:	Clay	Other:	
Formation Type With:	Clay	Other:	
From:	125.00	To:	160.00
Color:	gray		
Texture		Other:	
To:		Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Hard	Other:	

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Comment:

Formation Type:	Bedrock	Other:	
Formation Type With:	Lignite	Other:	
From:	160.00	To:	165.00
Color:	white		
Texture		Other:	
To:		Other:	
Cement:		Other:	
Sorting:		Other:	
Hardness:	Medium	Other:	
Comment:			
Formation Type:	Gravel	Other:	
Formation Type With:	Sand	Other:	shells
From:	165.00	To:	192.00
Color:	white/gray		
Texture		Other:	
To:		Other:	
Cement:		Other:	
Sorting:		Other:	
Hardness:		Other:	
Comment:			
Formation Type:	Clay	Other:	
Formation Type With:	Clay	Other:	
From:	192.00	To:	196.00
Color:	gray		
Texture		Other:	
To:		Other:	
Cement:		Other:	
Sorting:		Other:	
Hardness:		Other:	
Comment:			
Formation Type:	Fine Sand	Other:	
Formation Type With:	Shells	Other:	
From:	196.00	To:	218.00
Color:	tan		
Texture	Fine	Other:	
To:	Fine	Other:	
Cement:		Other:	
Sorting:		Other:	
Hardness:		Other:	
Comment:			
Formation Type:	Clay	Other:	
Formation Type With:	Shells	Other:	
From:	218.00	To:	272.00
Color:	gray		
Texture		Other:	
To:		Other:	
Cement:		Other:	
Sorting:		Other:	

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Hardness:		Other:	
Comment:			
Formation Type:	Coarse Sand	Other:	
Formation Type With:	Sand	Other:	
From:	272.00	To:	302.00
Color:	white		
Texture	Coarse	Other:	
To:	Coarse	Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Other:		
Comment:			
Formation Type:	Silt	Other:	
Formation Type With:	Clay	Other:	
From:	302.00	To:	305.00
Color:	brown		
Texture		Other:	
To:		Other:	
Cement:	Other		
Sorting:	Other:		
Hardness:	Other:		
Comment:			

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