

WELL CONSTRUCTION RECORD (GW-1)



Form GW-1 Well Construction Electronic Form
North Carolina Department of Environmental Quality
Division of Water Resources
November 18, 2021

Submission ID#

GW1-2023-04252

Are you submitting a scanned form? *

- Yes
 No

CONTACT INFORMATION

Contact Name *

Jonathan Kamionka

Email Address *

office@billswelldrilling.com

Is this a revision to the form you have previously submitted? *

- Yes No

WELL CONSTRUCTION INFORMATION

1. Who is installing these wells? *

- Owner Well Contractor

1. Well Contractor Information:

| Certificate # | Cert Level | First Name | Last Name | Company Name |
|---------------|------------|------------|-----------|------------------------------|
| 3465 | A | JONATHAN | KAMIONKA | BILLS WELL DRILLING CO, INC. |

2. Well Construction Permit #:

List all applicable well construction permits (i.e. Monitoring Wells, UIC- Underground Injection Control, CCPCUA-Central Coastal Plain Capacity Use Area, County, etc.)

What type of well is this? *

- Injection Well Non-Water Supply Well
 Water Supply Well (includes irrigation wells)

3. Water Supply Well *

- Geothermal (Heating/Cooling Supply) Industrial/Commercial
 Irrigation Municipal/Public/Community
 Residential Water Supply (single) Residential Water Supply (shared)
 Wells > 100,000 GPD

4. Date well was completed and ID#

| Date Well Completed * | Well ID# | Well Yield |
|-----------------------|----------|-----------------------------|
| 7/7/2023 | | 30 (gallons per minute)* |

5. Well Location

Facility/Owner Name *

Bryon Ling
(Required)

Facility ID#

(If applicable)

County *

Harnett

Parcel Identification No. (PIN)

0536-88-1416

Physical Address *

Street Address

1093 Mike Williams Lane

Address Line 2

City

Bunnlevel

State / Province / Region

NC

Postal / Zip Code

28323

Country

US

Latitude * 35.3148351000

Decimal degrees

Longitude * -78.8696070000

Decimal degrees

6. Is(are) the well(s): * Permanent Temporary

7. Is this a repair to an existing well: * Yes No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

For multiple Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed.

8a. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: (ft.)

300

For multiple wells list all depths if different
(example- 3@200' and 2@100')

9a. What is the depth of the casing from ground surface?

156

in feet

10. Static water level below top of casing: (ft.)

If water level is above casing, use "+"

11. Borehole diameter:

5.75

in inches

12. Well construction method:

- Auger
- Air Rotary
- Cable Tool
- Direct Push
- Mud Rotary
- Rotasonic
- Other

13. FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm)

30

If applicable

13a. Method of test:

blow

13b. Disinfection type: *

HTH

13b. Amount: *

1 cup

14. WATER BEARING/FRACTURE ZONES

| From | To | Description |
|------|----|-------------|
|------|----|-------------|

| | | |
|----------------|----------------|--|
| 180 in feet | 200 in feet | |
|----------------|----------------|--|

| | | |
|----------------|----------------|--|
| 280 in feet | 300 in feet | |
|----------------|----------------|--|

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

| From | To | Diameter | Thickness | Material |
|------|----|----------|-----------|----------|
|------|----|----------|-----------|----------|

| | | | | |
|-----------------|-------------------|-------------------|-------|-----|
| 1.00 in feet | 156.00 in feet | 6.25 in inches | SDR21 | PVC |
|-----------------|-------------------|-------------------|-------|-----|

17. SCREEN

| From | To | Diameter | Thickness | Material |
|------|----|----------|-----------|----------|
|------|----|----------|-----------|----------|

| | | | | |
|---------|---------|-----------|--|--|
| in feet | in feet | in inches | | |
|---------|---------|-----------|--|--|

18. GROUT

| From | To | Material | Emplacment Method & Amount |
|------|----|----------|----------------------------|
|------|----|----------|----------------------------|

| | | | |
|-----------------|------------------|-----------|--------|
| 0.00 in feet | 25.00 in feet | bentonite | poured |
|-----------------|------------------|-----------|--------|

19. SAND/GRAVEL PACK (if applicable)

| From | To | Material | Emplacment Method |
|------|----|----------|-------------------|
|------|----|----------|-------------------|

| | | | |
|---------|---------|--|--|
| in feet | in feet | | |
|---------|---------|--|--|

20. DRILLING LOG

| From | To | Description (color, hardness, soil/rock type, grain size, etc.) |
|------|----|---|
|------|----|---|

| | | |
|-----------------|------------------|------------|
| 0.00 in feet | 80.00 in feet | Mixed clay |
|-----------------|------------------|------------|

| | | |
|------------------|-------------------|-----------------------|
| 80.00 in feet | 100.00 in feet | Layers of Rock & sand |
|------------------|-------------------|-----------------------|

| | | |
|-------------------|-------------------|------------|
| 100.00 in feet | 140.00 in feet | Mixed clay |
|-------------------|-------------------|------------|

| | | |
|-------------------|-------------------|----------------|
| 140.00 in feet | 185.00 in feet | Soft Gray Rock |
|-------------------|-------------------|----------------|

| | | |
|-------------------|-------------------|------------|
| 185.00 in feet | 300.00 in feet | black rock |
|-------------------|-------------------|------------|

21. Remarks

22. Site diagram or additional well details:

You may upload additional well construction information here.
pdf only

CERTIFICATION INFORMATION

- * By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Certification

A rectangular box containing a handwritten signature in cursive script that reads "Jonathan Kamionka".

Signature of Certified Well Contractor