The Department of Ecology does not warranty the data and or information on this well report.

# WATER WELL REPORT

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent No. WE52144

Unique Ecology Well ID Tag No. BPN160

Site Well Name (if more than one well):

Water Right Permit/Certificate No.

Property Owner Name JOHNATHAN BECK

Well Street Address 2551 FLOWERY TRAIL ROAD

City CHEWELAH County STEVENS

Tax Parcel No. 5337700

Was a variance approved for this well? ☐ Yes ☒ No

If yes, what was the variance for?

Location (see instructions on page 2): ☐ WWM or ☒ EWM

NW ¼-¼ of the NW ¼; Section 8 Township 32 Range 41

Latitude (Example: 47.12345) 48.29531

Longitude (Example: -120.12345) -117.66842

**Type of Work:**
☒ Construction
☐ Decommission ⟹ Original installation NOI No.

**Proposed Use:** ☒ Domestic ☐ Industrial ☐ Municipal ☐ Dewatering ☐ Irrigation ☐ Test Well ☐ Other

**Construction Type:** ☒ New well ☐ Alteration ☐ Deepening ☐ Other
**Method:** ☐ Driven ☐ Jetted ☐ Cable Tool ☐ Dug ☒ Air ☐ Mud-Rotary

**Dimensions:** Diameter of boring 6 in., to 260 ft.
Depth of completed well 260 ft.

**Construction Details:**

| Casing | Liner | Diameter | From | To | Wall Thickness | Steel | PVC | Welded | Thread |
|---|---|---|---|---|---|---|---|---|---|
| ☒ | ☐ | 6 in. | +2 | 56 | in. | ☒ | ☐ | ☒ | ☐ |
| ☐ | ☒ | 4 in. | -20 | 260 | in. | ☐ | ☒ | ☐ | ☐ |
| ☐ | ☐ | in. | | | in. | ☐ | ☐ | ☐ | ☐ |
| ☐ | ☐ | in. | | | in. | ☐ | ☐ | ☐ | ☐ |

**Perforations:** ☒ Yes ☐ No Type of perforator used SAW CUT
No. of perforations 171 Size of perforations 1/4 in. by 6 in.
Perforated from 180 ft. to 240 ft. below ground surface

**Screens:** ☐ Yes ☒ No ☐ K-Packer ⟹ Depth ft.
Manufacturer's Name
Type Model No.
Diameter in. Slot size in. from ft. to ft.
Diameter in. Slot size in. from ft. to ft.

**Sand/Filter pack:** ☐ Yes ☒ No Size of pack material in.
Materials placed from ft. to ft.

**Surface Seal:** ☒ Yes ☐ No To what depth? 18 ft.
Material used in seal BENTONITE
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? Depth of strata
Method of sealing strata off

**Pump:** Manufacturer's Name Type:
H.P. Pump intake depth: ft. Designed flow rate: gpm

**Water Levels:** Land-surface elevation above mean sea level 2314 ft.
Stick-up of top of well casing ft. above ground surface
Static water level 7 ft. below top of well casing Date 05/31/2023
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (cap, valve, etc.)

**Well Tests:**
Was a pumping test performed? ☒ No ☐ Yes ⟹ by whom?
Yield gpm with ft. drawdown after hrs.
Yield gpm with ft. drawdown after hrs.
Yield gpm with ft. drawdown after hrs.
Recovery data (time = zero when pump is turned off – water level measured from well top to water level)

| Time | Water Level | Time | Water Level | Time | Water Level |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

Date of pumping test
Bailer test gpm with ft. drawdown after hrs.
Air test 8-10 gpm with stem set at 250 ft. for 1 hrs. Date 05/31/2023
Artesian flow gpm
Temperature of water °F Was a chemical analysis made? ☐ Yes ☒ No

**Driller's Log/Construction or Decommission Procedure**
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each layer penetrated, with at least one entry for each change of information. Use additional sheets if necessary.

| Material | From | To |
|---|---|---|
| SILTY SANDS GRAVELS | 0 | 10 |
| SILTY SANDS COBBLES | 10 | 24 |
| DECOMPOSED BROWN GRANITE | 24 | 56 |
| GRAY GRANITE BLACK WHITE | 56 | 165 |
| BROKEN CHIPS FRACS WB | 165 | 195 |
| GRAY MED GRANITE BLACK WHITE | 195 | 230 |
| FRACS MULTI COLORED BLACK WHITE | 230 | |
| CHUNKS | | 235 |
| GRAY MEDIUM GRANITE | 235 | 260 |

RECEIVED
DEPARTMENT OF ECOLOGY
JUN 22 2023
WATER RESOURCES PROGRAM
EASTERN REGIONAL OFFICE

Start Date 05/26/2023 Completed Date 05/31/2023

**WELL CONSTRUCTION CERTIFICATION:** I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☒ Driller ☐ Trainee ☐ E Print Name JOHN ARFMAN
Signature
License No. 2673
IF TRAINEE: Sponsor's License No.
Sponsor's Signature

Drilling Company FOGLE PUMP & SUPPLY, INC.
Address 2250 NORTH HIGHWAY
City, State, Zip COLVILLE, WA 99114
Contractor's Registration No. FOGLEPS095L4 Date 05/31/2023