

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

# WATER WELL REPORT



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

**Type of Work:**

- Construction  
 Decommission  $\leftrightarrow$  Original installation NOI No. \_\_\_\_\_

**Proposed Use:**  Domestic  Industrial  Municipal  
 Dewatering  Irrigation  Test Well  Other \_\_\_\_\_

**Construction Type:**  New well  Alteration  Driven  Jetted  Cable Tool  
 Deepening  Other \_\_\_\_\_  Dug  Air-  Mud-Rotary

**Dimensions:** Diameter of boring 6 in., to 420 ft.  
 Depth of completed well 420 ft.

Construction Details:		Wall	
Casing	Liner	Diameter	From To Thickness
<input type="checkbox"/>	<input type="checkbox"/>	<u>6</u> in.	<u>+3</u> <u>234</u> in.
<input type="checkbox"/>	<input type="checkbox"/>	<u>4</u> in.	<u>-19</u> <u>420</u> in.
<input type="checkbox"/>	<input type="checkbox"/>	_____ in.	_____ in.
<input type="checkbox"/>	<input type="checkbox"/>	_____ in.	_____ in.

**Perforations:**  Yes  No Type of perforator used SAW CUT  
 No. of perforations 129 Size of perforations 1/4 in. by 8 in.  
 Perforated from 340 ft. to 410 ft. below ground surface

**Screens:**  Yes  No  K-Packer  $\leftrightarrow$  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 2284 ft.  
 Stick-up of top of well casing \_\_\_\_\_ ft. above ground surface  
 Static water level 63 ft. below top of well casing Date 07/10/2023  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
 Artesian water is controlled by \_\_\_\_\_ (cap, valve, etc.)

**Well Tests:**  
 Was a pumping test performed?  No  Yes  $\leftrightarrow$  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 6 gpm with stem set at 410 ft. for 1 hrs. Date 07/10/2023  
 Artesian flow \_\_\_\_\_ gpm  
 Temperature of water \_\_\_\_\_ °F Was a chemical analysis made?  Yes  No

Notice of Intent No. WE51824

Unique Ecology Well ID Tag No. BPQ024

Site Well Name (if more than one well): \_\_\_\_\_

Water Right Permit/Certificate No. \_\_\_\_\_

Property Owner Name KEVIN MOTT

Well Street Address 2534-A UNITED COPPER MINE ROAD

City CHEWELAH County STEVENS

Tax Parcel No. 5611701

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

NE 1/4-1/4 of the SW 1/4; Section 31 Township 33 Range 41

Latitude (Example: 47.12345) 48.31274

Longitude (Example: -120.12345) -117.68938

**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
BROWN SAND SILT COBBLES	0	25
SILTY BROWN GRAVELS	25	130
SOFT DECAYED QUARTZITE	130	210
BROKEN QUARTZITE SILT FINE SAND CLAY	210	
CHUNK WB UNUSABLE		235
GRAY SHALE W/ BLACK SHALE LENSES	235	375
BROWN SOFT SHALE FRACTURES WB	375	410
HARD GRAY SHALE	410	420

**RECEIVED**  
 DEPARTMENT OF ECOLOGY  
AUG 09 2023  
 WATER RESOURCES PROGRAM  
 EASTERN REGIONAL OFFICE

Start Date 07/06/2023 Completed Date 07/10/2023

**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  IE - 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 07/10/2023