

WATER WELL REPORT



DEPARTMENT OF
ECOLOGY
State of Washington

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 280 ft.
Depth of completed well 280 ft.

Construction Details: Wall Casing Liner Diameter From To Thickness Steel PVC Welded Thread
☒ ☐ 6 in. +2 18 in. ☒ ☐ ☐ ☐
☐ ☒ 4 in. -9 280 in. ☐ ☒ ☐ ☐
☐ ☐ in. in. in. ☐ ☐ ☐ ☐
☐ ☐ in. in. in. ☐ ☐ ☐ ☐

Perforations: ☒ Yes ☐ No Type of perforator used SAWCUT
No. of perforations 120 Size of perforations 3/8 in. by 6 in.
Perforated from 248 ft. to 268 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 2316 ft.
Stick-up of top of well casing _____ ft. above ground surface
Static water level 28 ft. below top of well casing Date 09/10/19
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 7 gpm with stem set at 270 ft. for 1 hrs. Date 09/10/19

Artesian flow _____ gpm

Temperature of water _____ °F Was a chemical analysis made? ☐ Yes ☒ No

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 ☐ PE - Print Name JOHN ARFMAN

Signature _____

License No. 2673

IF TRAINEE: Sponsor's License No. _____

Sponsor's Signature _____

Notice of Intent No. WE36434

Unique Ecology Well ID Tag No. BLG085

Site Well Name (if more than one well): _____

Water Right Permit/Certificate No. _____

Property Owner Name GLENDA VAAGEN

Well Street Address 487-A HOTCHKISS ROAD

City COLVILLE-99114 County STEVENS

Tax Parcel No. 2267600

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

SE 1/4-1/4 of the NE 1/4; Section 26 Township 35 Range 39

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

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	4
DECAYED GRANITE	4	12
HARD GRANITE	12	20
FRACTURED 1 GPM	20	23
MEDIUM GRANITE	23	75
SOFT SILTY GRANITE	75	85
HARD GRANITE CHIPS	85	210
FRACTURES 2-3 GPM	210	214
HARD GRANITE SOFT GRANITE SUBTLE	214	240
FRACTURING	240	270
MEDIUM GRANITE	270	280

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SEP 17 2019

Department of Ecology
Eastern Washington Office

Start Date 09/09/19 Completed Date 09/10/19

Drilling Company FOGLE PUMP & SUPPLY, INC.

Address 2250 NORTH HIGHWAY

City, State, Zip COLVILLE, WA 99114

Contractor's

Registration No. FOGLEPS095L4

Date 09/10/19