

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 34.5 ft.

Depth of completed well 34.5 ft.

Construction Details:

Casing	Liner	Diameter	From	To	Thickness	Steel	PVC	Welded	Thread
☒	☐	<u>6</u> in.	<u>+2</u>	<u>20</u>	<u>.250</u> in.	☒	☐	☒	☐
☐	☐	_____ in.	_____	_____	_____ in.	☐	☐	☐	☐
☐	☐	_____ in.	_____	_____	_____ in.	☐	☐	☐	☐
☐	☐	_____ in.	_____	_____	_____ in.	☐	☐	☐	☐

Perforations: ☐ Yes ☒ No

Type of perforator used _____

No. of perforations _____

Size of perforations _____ in. by _____ in.

Perforated from _____ ft. to _____ ft. below ground surface

Screens: ☒ Yes ☐ No

☒ K-Packer ☐ Depth 18 ft.

Manufacturer's Name _____

Type Stainless steel Model No. _____

Diameter 6 Slot size .004 in. from 20.5 ft. to 25.5 ft.

Diameter 6 Slot size .004 in. from 25.5 ft. to 30.5 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 _____ ft.

Stick-up of top of well casing 2 ft. above ground surface

Static water level 19 ft. below top of well casing Date 7/18/22

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 2 gpm with stem set at 34 ft. for 2 hrs.

Artesian flow _____ gpm

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

Notice of Intent No. WE49129

Unique Ecology Well ID Tag No. BNM 320

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

Water Right Permit/Certificate No. _____

Property Owner Name Lawrence & Cheyenne Maupin

Well Street Address Wilderness Ave

City lone

County Pend Oreille

Tax Parcel No. 43 37 17 530040

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

SW 1/4-1/4 of the NW 1/4; Section 17 Township 37 Range 43

Latitude (Example: 47.12345) 48.7075

Longitude (Example: -120.12345) -117.40482

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
Topsoil	0	1
Clay, sand brown	1	13
Sand, gravel	13	24
Sand, fine w/water	24	31
Clay w/some sand gray	31	36

4' sump on bottom of screens

Recommended Pump set @ 33' inside sump

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DEPARTMENT OF ECOLOGY

AUG 12 2022

WATER RESOURCES PROGRAM
EASTERN REGIONAL OFFICE

Start Date 7/15/22 Completed Date 7/18/22

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 Nic Boone

Signature _____

License No. 3336

IF TRAINEE: Sponsor's License No. _____

Sponsor's Signature _____

Drilling Company JOYCO DRILLING INC

Mailing Address PO BOX 159, Elk WA 99009

PHONE: 509-292-2000

WEBSITE: www.joycodrilling.com

Contractor's Registration No. JOYCODI783K3 Date 7/25/22