

WATER WELL REPORT



DEPARTMENT OF
ECOLOGY
State of Washington

Type of Work:

☒ Construction

☐ Decommission $\Rightarrow$ 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 74 ft.
Depth of completed well 73 ft.

Construction Details: Wall
Casing Liner Diameter From To Thickness Steel PVC Welded Thread
☒ ☐ 6 in. +2 69 .250 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 $\Rightarrow$ Depth 65'8" ft.
Manufacturer's Name _____
Type Stainless steel Model No. _____
Diameter 6 Slot size .030 in. from 68 ft. to 73 ft.
Diameter _____ 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 _____ ft.
Stick-up of top of well casing 2 ft. above ground surface
Static water level 41 ft. below top of well casing Date 9/19/22
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (cap, valve, etc.)

Well Tests:

Was a pumping test performed? ☒ No ☐ Yes $\Rightarrow$ 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 25 gpm with stem set at 66 ft. for 1 hrs. Date 9/19/22

Artesian flow _____ gpm

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

Notice of Intent No. WE50314

Unique Ecology Well ID Tag No. BNM 339

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

Water Right Permit/Certificate No. _____

Property Owner Name Coley & Erika Fudge

Well Street Address Sullivan Lake Road

City lone County Pend Oreille

Tax Parcel No. 43 38 35 510004

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 of the NW 1/4; Section 35 Township 38 Range 43

Latitude (Example: 47.12345) 48.75217

Longitude (Example: -120.12345) -117.34194

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
Sand, gravel w/shale layers	1	18
Sand, gravel clay brown tan	18	70
Shale broken w/water	70	73
Clay tan	73	74

Recommended Pump Level: 66'

RECEIVED

OCT 13 2022

Department of Ecology
Eastern Washington Office

Start Date 9/19/22 Completed Date 9/19/22

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 9/21/22