WATER WELL REPORT

DEPARTMENT OF ECOLOGY State of Washington

Notice of Intent No. WE39821

Unique Ecology Well ID Tag No. BMH537

RECEIVED AUG 03 2020 Department of Ecology Eastern Washington Office

Site Well Name (if more than one well):

Water Right Permit/Certificate No.

Property Owner Name JEFF & KAYLA VAN DOREN

Well Street Address TBD WAITTS LAKE

City VALLEY County STEVENS

Tax Parcel No. 2542710

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 ¼-¼ of the NW ¼; Section 21 Township 31 Range 40

Latitude (Example: 47.12345)

Longitude (Example: -120.12345)

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 340 ft.
Depth of completed well 340 ft.

Construction Details:

Casing	Liner	Diameter	From	To	Wall Thickness	Steel	PVC	Welded	Thread
☒	☐	6 in.	+2	24	in.	☒	☐	☒	☐
☐	☒	4 in.	-8	340	in.	☐	☒	☐	☐
☐	☐	in.			in.	☐	☐	☐	☐
☐	☐	in.			in.	☐	☐	☐	☐

Perforations: ☒ Yes ☐ No Type of perforator used SKILSAW
No. of perforations 120 Size of perforations 1/8 in. by 6 in.
Perforated from 260 ft. to 340 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? 24 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 ft. above ground surface
Static water level 80 ft. below top of well casing Date 07/16/2020
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 4 gpm with stem set at 340 ft. for 1 hrs. Date 07/16/2020
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
TOP SOIL	0	2
CLAY BOUND GRAVELS	2	22
SHALE BROWN SOFT	22	110
QUARTZITE GRAY MEDIUM SOFT	110	185
QUARTZITE MEDIUM HARD GRAY	185	232
SHALE BROWN FRAC 3 GPM	232	243
QUARTZITE GRAY SLY FRAC 1 GPM	243	265
QUARTZITE GRAY MEDIUM HARD	265	340

Start Date 07/15/2020 Completed Date 07/16/2020

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 MARTY RUGO
Signature Marty Rugo
License No. 2038
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 07/16/2020

The Department of Ecology does NOT warranty the Data and/or information on this well report.