46196

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 7 / 23 / 2016 Completed: 7 / 25 / 2016 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	Tice-Henrickson	1	2	Jeff Erickson AK,

Well location: Latitude 59.6581726 **Longitude** -151.636658
Meridian S Township 006S Range 014W Section 15 , NE 1/4 of SE 1/4 of SW 1/4 of NE 1/4

BOREHOLE DATA: (from ground surface)
Suggest T.**M. Hanna's hydrogeologic classification system*** https://my.ngwa.org/NC__Product?id=a185000000BYub3AAD

	Depth From	To
Top Soil	0	6
Brown Clay	6	12
Gray clay	12	64
coal	64	65
Gray clay	65	118
Firm sand 5 GPM	118	128
Gray Clay	128	141
Loose Sand	141	146

Include description or sketch of well location (include road names, buildings, etc.):

North

Drilling method: ☒ Air rotary, ☐ Cable tool, ☐ Other _____
Well use: ☒ Public supply, ☐ Domestic, ☐ Reinjection, ☐ Hydrofracking
☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling,
☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage,
☐ Heating, ☐ Geothermal Exploration, ☐ Other _____
Fluids used: _____

Depth of hole: 146 ft Casing stickup: 2 ft
Casing type: Steel Casing thickness: 0.25 inches
Casing diameter: 6 inches Casing depth: 81 ft
Liner type: PVC Depth: 146 ft Diameter: 4.5 inches
Note: _____

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other perforated
Screen type: _____, Screen mesh size: _____
Screen start: _____ ft, Screen stop: _____ ft, Perforated ☒ Yes ☐ No
Perforation description: _____ Perf from: 110 ft, Perf to: 130 ft, Perf from: _____ ft, Perf to: _____ ft
Gravel packed ☐ Yes ☒ No Gravel start: _____ ft , Gravel stop: _____ ft
Note: _____

Static water (from top of casing): 76 ft on ___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at _____ gpm
Method of testing: Pump
Development method: Air Duration: 2 hours
Recovery rate: 5 gpm

Grout type: Bentonite Volume _____
Depth: From 0 ft, To 20 ft

Final pump intake depth: _____ ft Model: _____
Pump size: _____ hp Brand name: _____

Was well disinfected upon completion? ☒ Yes ☐ No
Method of disinfection: _____
Was water quality tested? ☐ Yes ☒ No
Water quality parameters tested: _____

Well driller name: .....
Company name: Blackwell Pump Service .....
Mailing address: PO Box 3236 .....
City: Homer State: AK Zip: 99603
Phone number: (907) 235 - 6280
Driller's signature: _____
Date: _____/_____/_____

AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within **45 days of well completion**. Well logs may be submitted using the online well log reporting system available at:

https://dnr.alaska.gov/welts/

OR email electronic well logs to

dnr.water.reports@alaska.gov

Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within **30 days of well completion**.

City Permit Number: _____
Date of Issue: ___/___/_____

Parcel Identification Number: _____-_____-_____

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

STATE OF ALASKA
DEPARTMENT O IATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
WATER WELL LOG

Drilling Started: 7/23/16 Completed: 7/25/16

City/Borough:	Subdivision:	BLOCK	LOT	Property Owner Name & Address:
Kenai	Tree-Henderson	1A	2	Jeff & Shelley Erickson 3375 Sterling hwy Homer, AK 99603 Home Plate LLC

Meridian Seward Township 6S Range 14W Section 15, ___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4

BOREHOLE DATA: (from ground surface) Material: Type, Color & wetness	Depth From	Depth To
Top Soil	0	6
Brown Clay	6	12
Grey Clay	12	64
Coal	64	65
Grey Clay	65	118
firm Sand 5gpm	118	128
Grey Clay	128	141
Loose Sand	141	146

Drilling method: ☒ Air rotary, ☐ Cable tool ☐ Other ___
Well use: ☒ Public supply, ☐ Domestic, ☐ Other ___

Depth of hole: 146 ft, Casing stickup: 2 ft
Casing type: Steel Thickness .25 inches
Casing diameter: 6. inches Casing depth 81 ft
Liner type: PVC Diameter: 4.5 inches Depth: 146 ft
Note: ...

Static water (from top of casing): 76 ft on ___/___/___
Pumping level & yield: ___ feet after ___ hours at 5 gpm
Recovery rate: 5 gpm, Method of testing: Pump
Development method: Air/water Duration: 2hrs

Well intake opening type: ☐ Open end ☐ Open hole, Other ☐
☐ Screened; Start: ___ ft, Stopped ___ ft
Screen type: ___ Slot/mesh size ___
☒ Perforated; Start: 110 ft, Stopped 130 ft
Start: ___ ft, Stopped ___ ft
Gravel packed ☐ Yes ☒ No From ___ ft to ___ ft
Note: ...

Grout type: Bentonite Volume 50 lbs
Depth; from 0 ft, to 20 ft

Pump intake depth: ___ ft
Pump size ___ hp Brand name ___

Was well disinfected upon completion? ☒ Yes ☐ No
Method of disinfection: ...

Driller comments/ disclaimers: ...

Well driller name: Jeff Ellison
Company name: Blair Lunn Pump Service
Mailing address: PO Box 3236
City: Homer State: AK Zip 99603
Phone number: (907) 235-6280

Drillers signature:
Date: 8/1/16

Alaska state law requires that a copy of this well log be forwarded to the Department of Natural Resources within 45 days (AK statutes 38.05.020, 38.05.035, 41.08.020, 46.15.020 and AK regulations 11 AAC 93.140). Faxes are acceptable.

Alaska DNR, Division of Mining, Land and Water,
550 W 7th Avenue, Suite 1020
Anchorage, AK 99501-3562

Phone (907)269-8639 and fax (907)269-8947

If the well is within city limits, the City of Anchorage requires that a copy of this well log be forwarded to the city within 60 days and another copy of this log be forwarded to the owner of the property, on which the well is located, within 30 days.

City Permit Number: ___
Date of Issue: ___/___/___

Parcel Identification Number: ___-___-___

Is well located at approved permit location? Yes ☐ or No ☐