



STATE OF ALASKA 83112
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 6 / 18 / 2021 Completed: 6 / 18 / 2021 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	ANDERSON 1976	7	13	Ann Dixon ,

Well location: Latitude 59.65338032126027 Longitude -151.53554238792063
Meridian S Township 006S Range 013W Section 17 SE 1/4 of SW 1/4 of NE 1/4 of SW 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
Fill	0	4
Sand and gravel	4	10
Damp sand and gravel	10	23
Dry sand and gravel	23	36
Sand, gravel and water, 10+gpm	36	41
Sand	41	45
Runny sand	45	62
Sand and gravel	62	68
Sand	68	70
Gravel, sand and water	70	71

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

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: 71 ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: _____ ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: _____

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other _____

Screen type: _____, Screen mesh size: _____

Screen start: _____ ft, Screen stop: _____ ft, Perforated ☐ Yes ☒ No

Perforation description: _____ Perf from: _____ ft, Perf

to: _____ ft, Perf from: _____ ft, Perf to: _____ ft

Gravel packed ☐ Yes ☒ No Gravel start: _____ ft, Gravel stop: _____ ft

Note: _____

Static water (from top of casing): 13 ft on / / Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 30 gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: _____ Volume _____

Depth: From _____ ft, To _____ 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: PENN JERSEY DRILLING

Mailing address: _____

City: _____ State: AK Zip: _____

Phone number: () -

Driller's signature: _____

Date: / /

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: - -

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

Penn Jersey Drilling Inc.

1811 S. Ridgecrest Rd. Wasilla, Alaska 99623-1957

"Specialty work since 1952"

Telephone (907) 892-7206

Owner Of Land: ANN DIXON

Address: 397 ELDERBERRY CRT.

HOMER, AK 99603

Well - Site: CRYSTAL LAKE, WILLOW

Date - Started: 6/18/2021

Date - Ended: 6/18/2021

Depth of Well: 71 FEET

Static Level of Water (ft): 13 FEET

Draw Down (ft): _____

Gallons / minute: 30 GPM

Kind of Casing: 6" STEEL WELDED

Misc. Info: HIGH IRON @ 36', 10+PPM

Kinds of Formation:

From (ft)	To (ft)	Formation Type
0	4	FILL
4	10	SAND & GRAVEL
10	23	DAMP SAND & GRAVEL
23	36	DRY SAND & GRAVEL
36	41	SAND, GRAVEL & WATER, 10+ GPM
41	45	SAND
45	62	RUNNY SAND
62	68	SAND & GRAVEL
68	70	SAND
70	71	GRAVEL, SAND & WATER

From (ft)	To (ft)	Formation Type

Entry ID: 1794

Drilling Rig: BIG RIG

AIR ROTARY

Drillers: TOM & TED SCHACHLE