



STATE OF ALASKA 86721
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 9 / 18 / 2026 Completed: 9 / 20 / 2026 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
				Maurice Springer ,

Well location: Latitude 61.843954 Longitude -145.226634
Meridian C Township 001N Range 001E Section 28 , NW 1/4 of SW 1/4 of NE 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
Peet/Overburden	0	2
Fine-Medium Gravel	2	4
Boulder	4	5
Silty Grey Clay w/Fine Gravel	5	15
Grey Clay w/Fine-Coarse Gravel	15	23
Fine-Coarse Gravel w/Grey Clay (wet)	23	31
Grey Clay w/Fine-Coarse Gravel	31	42
Fine-Medium Gravel w/Grey Clay (H2O@1.5gpm) Dirty	42	47
Grey Clay w/Fine-Coarse Gravel	47	51
Fine-Coarse Gravel w/Grey Silt & Fine Sand (H2O@4gpm) Dirty	51	53
Fine-Coarse Gravel w/Sand (Wet)	53	58
Boulder	58	60
Grey Clay w/Fine-Medium Gravel	60	68
Fine-Coarse Sand	68	77
Grey Clay w/Fine-Medium Gravel	77	158
Fine-Medium Gravel w/Grey Silt (H2O@2gpm- Dirty)	158	164
Grey Silt w/Fine-Medium Gravel	164	197

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: 253 ft Casing stickup: 2 ft

Casing type: steel Casing thickness: .25 inches

Casing diameter: 6 inches Casing depth: 253 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): 158 ft on 9 / 20 / 2026 Artesian well ☐

Pumping level & yield: feet after hours at gpm

Method of testing:

Development method: airlift Duration: 1

Recovery rate: 21 gpm

Grout type: bentonite Volume 2 bags

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: tabs

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested:

Well driller name:

Company name: HEFTY 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



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WATER WELL LOG

Drilling Started: ____/____/____ Completed: ____/____/____ Pump Install: ____/____/____

City/Borough:	Subdivision:	Block	Lot	Property Owner Name & Address:

Latitude _____ Longitude _____
Meridian _____ Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4 of _____ 1/4

BOREHOLE DATA: (from ground surface)
Suggest T.M. Hanna's hydrogeologic classification system *
<https://info.ngwa.org/servicecenter/shopper/ProductDetail.cfm?ProdCompanyPassed=ngw&ProdCdPassed=ngw-t1030>

Depth
From To

Drilling method: ☒ Air rotary, ☐ Cable tool, ☐ Other _____
Well use: ☐ Public supply, ☒ Domestic, ☐ Reinjection, ☐ Hydrofracking
Fluids used: _____
☐ Other _____

Depth of hole: _____ ft, Casing stickup: _____ ft
Casing type: _____ Wall thickness _____ inches
Casing diameter: _____ inches Casing depth _____ ft
Liner type: _____ Depth: _____ ft Diameter: _____ inches

Well intake opening type: ☒ Open end, ☐ Open hole, ☐ Other _____
Screen type: _____, Assembly From: _____ ft, To: _____ ft
Slot size _____ From: _____ ft, To: _____ ft
Slot size _____ From: _____ ft, To: _____ ft
☐ Perforation description _____ From: _____ ft, To: _____ ft
From: _____ ft, To: _____ ft From: _____ ft, To: _____ ft
Gravel packed ☐ Yes ☒ No From _____ ft, To _____ ft

Static water (from top of casing): _____ ft on ____/____/____
Pumping level & yield: _____ feet after _____ hours at _____ 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: _____
Mailing address: _____
City: _____ State: AK Zip _____
Phone number : (_____) _____ - _____
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 forwarded to the Department of Natural Resources within 45 days of well completion. Please email well logs to:

dnr.water.reports@alaska.gov OR send to

Alaska DNR, MLW, Alaska Hydrologic Survey
550 West 7th Avenue, Suite 1020
Anchorage, AK 99501

Anchorage Municipal Code 15.55.060(l) requires that a copy of this well log be forwarded to the Development Services Department within 30 days of well completion.

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

Parcel Identification Number: _____ - _____ - _____

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