27338

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____/____/_____ Completed: 4 / 1 / 2001 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough				L & J KAMMERMEYER ,

Well location: Latitude _____ **Longitude** _____
Meridian S Township 018N Range 002E Section 20 , _____ 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://my.ngwa.org/NC__Product?id=a185000000BYub3AAD

	Depth From	Depth To

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

North

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

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: 234 ft Casing stickup: _____ft
Casing type: _____ Casing thickness: _____ inches
Casing diameter: _____ inches Casing depth: 74 ft
Liner type: _____ Depth: _____ ft Diameter: _____inches
Note: CASE TO 74 FT

Well intake opening type: ☒ Open end, ☐ Open hole, ☐ Other open end
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): 41 ft on____/____/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 3.5 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: L & M 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: _____-_____-_____

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

L AND M DRILLING
P. O. BOX 891
PALMER, ALASKA 99645

745-2403

USGS No. _____

Area _____

Date April 2001

Owner Leo and Judy Kammermeyer

Driller: Len A. Melton

Mailing address P. O. Box 636-Palmer, AK Use of Well Domestic

Location (address of: Township, Range, & Section (if known); distance from road Section 20, T18N R2E Seward Meridian

Size of casing 6" Depth of Hole 234 feet. Cased to 74 feet.

Static water level 41 feet (~~above~~)(below) land surface.

Finish of well (check one) Open end (X) Screen ( ) Perforated ( )

Describe screen or perforations: _____

Well pumping test at 10 gallons per (~~hr~~) (min) for 38 ~~hours with~~ minutes with 193 feet of drawdown from static level.

Remarks _____

WELL LOG

Depth in feet from ground surface			Details of formations penetrated, size of material, color and hardness
_____	to	_____	L and M Drilling reworked this existing well.
_____	to	_____	Cleaned, tested and monitored amount of water and
_____	to	_____	rate of flow. As noted there is 193 feet of static
_____	to	_____	water in the well which equates to approximately
_____	to	_____	290 gallons of reservior. By pumping at a controlle
_____	to	_____	rate of 10 GPM it takes 38 minutes to pump the
_____	to	_____	well dry which equals 380 gallons. Let well set
_____	to	_____	for 1½ hours or 90 minutes and pumped another 310
_____	to	_____	gallons with 3½ GPM recovery. At 4 GPM for 2 hours
_____	to	_____	draw down is 105 feet from static level.
_____	to	_____	
_____	to	_____	Len A. Melton
_____	to	_____	
_____	to	_____	