17967

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: 10 / 15 / 1986 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	LOCKNESS	B1	L3	DON OLSTAD ,

Well location: Latitude _____ **Longitude** _____

Meridian S Township 018N Range 001W Section 27 , NE 1/4 of NE 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: 58 ft Casing stickup: _____ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: 58 ft

Liner type: _____ Depth: _____ ft Diameter: _____inches

Note: FULL CASE

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): 38 ft on____/____/_____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 7 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: VALLEY 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

VALLEY DRILLING & PUMP SUPPLY
376-5721 PO Box 145, Wasilla

17967

Driller RON PALMER Type of rig AIR-ROTARY Date well completed

Well owner DON OLSTAD Nearest community WASILLA, AK.

Well location: (address & legal description) Location sketch or remarks

LOCKNESS LOT 3 BLK 1

Depth of well 58' ft. Casing: depth 60' ft. diam. 6" in.

Static water level 38' ft. (above, (below)) land surface: Date 10-15-86

Finish of well: (open-end, screen, perforated, open-hole, other)

Describe intervals and size:

Well yield tested by (pumping, bailing, (air)) at 7 gal/min.

for 1 hours with 15' ft. of drawdown from static level.

DRILLER'S MATERIAL LOG

Depth below land surface in feet	Give description of strata penetrated (size of material, color, hardness of drilling, and water content)
0 to 20'	Gravel & sand
20' to 40'	Gravel & silt
40' to 52'	Gravel, silt (waterbearing)
52' to 58'	Gravel & water
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