33432

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: 7 / 2 / 1987 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	LAKESHORE ESTATES	B5	L03	MANN / CURTIS ,

Well location: Latitude _____ **Longitude** _____

Meridian S Township 017N Range 001W Section 11 , NW 1/4 of NW 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: 35 ft Casing stickup: _____ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: 35 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): 4 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: PIONEER 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

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JUL - 8 1987
Environmental Conservation

WATER WELL RECORD
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURES
Division of Geological & Geophysical Surveys

#90

Drilling Permit No. _____
A.D.L. No. _____

LOCATION OF WELL (Please complete either 1a, 1b or 1c.)

1a. Borough	Subdivision	Lot	Block
MAT-SU	Lakeshore Sub.	3	5

1b. 1/4 qtrs.	Section No.	Township N☐ S☐	Range E☐ W☐	Meridian
___ of ___ of ___ of ___				

1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS
on 1240 Lakeshore Dr.
Street Address and Area of Well Location

3. OWNER OF WELL: Ralph Mann
Address: Ann Curtis
Dick Harren/Suzanne Chapelle

2. WELL LOG

Material Type	Feet Below Surface Top	Bottom
Wood & gravel	0	18
Clay & gravel	18	24
Wood & gravel	24	35

4. WELL DEPTH: (final) 35 ft.
5. DATE OF COMPLETION 7-2-87
6. ☐ Cable tool ☐ Rotary ☐ Driven ☐ Dug ☐ Auger ☐ Jetted ☐ Bored ☐ Other:
7. USE: ☑ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☐ Commercial ☐ Test Well ☐ Other:
8. CASING: ☐ Threaded ☑ Welded
diam. 6 in. to 22 1/2 ft. Depth Weight 17.2 lbs./ft.
diam. ___ in. to ___ ft. Depth Stickup 2 1/2 ft.
9. FINISH OF WELL:
Type: ___ Diameter: ___
Slot/Mesh Size: ___ Length: ___
Set between ___ ft. and ___ ft.
Backfilling ___ Gravel pack ___
10. STATIC WATER LEVEL: 4 ft. 7/2/87 Date
☐ Above or ☑ Below land surface
Equipment used: ___
11. PUMPING LEVEL below land surface and YIELD
___ ft. after ___ hrs. pumping ___ g.p.m.
___ ft. after ___ hrs. pumping ___ g.p.m.
12. GROUTING Well Grouted: ☐ Yes ☐ No
Material: ☐ Neat Cement ☐ Other:
13. PUMP: (if available) HP ___
Length of Drop Pipe ___ ft. capacity ___ g.p.m.
☐ Subm. ☐ Jet ☑ Centrifical ☐ Other
14. REMARKS:
30 g.p.m.
15. Water Temperature ___° ☐ F ☐ C

16. WATER WELL CONTRACTOR'S CERTIFICATION:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief;
Pioneer Drilling — Registered Business Name
16-13617 — Contract License Number
Address: PO Box [illegible] Wasilla AK 99687
Signed: [illegible] — Authorized Representative
Date: 7/2/87

Form 02-WWR (11/81) Copy Distribution: WHITE - State [illegible] PINK - Driller GENERY - Customer