11643

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: 5 / 9 / 1977 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage	PENLAND PARK	B1		Penland Mobile Home Park ,

Well location: Latitude 61.2156067 **Longitude** -149.819794
Meridian S Township 013N Range 003W Section 16 , SE 1/4 of NW 1/4 of NW 1/4 of SE 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
Brown sand & gravel	0	32
Sticky grey clay	32	38
Heaving runny brown sand and gravel	38	46
Sticky grey clay	46	103
Grey gravel & sand	103	110
Grey gravel & sand w/ water at approximately 15 GPM	110	116
Hard boulder	116	118
Grey gravel sand & water approximately 100 GPM	118	124
Runny quicksand & coal w/ a little water	124	137
Gravel sand & water approximately 100 GPM	137	150
Good gravel & sand & water approximately 100 GPM	150	161
Clayish sand & gravel w/little water	161	164

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: 164 ft Casing stickup: _____ft
Casing type: _____ Casing thickness: _____ inches
Casing diameter: _____ 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): 77 ft on___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 300+ 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: _____-_____-_____

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

JoAnn Browning supplied this legal:
Penland Pk Tr A-1, A-2, & B-1

SB 13-3-16 DBBCT- B

1143

Bob Penney's office
↓
JoAnn Browning
276-2222

DAILY DRILLING LOG

PENN JERSEY DRILLING CO.

2833 East 72nd Avenue Penland Mobile Anchorage, Alaska 99502 344-2612

OWNER OF LAND Bob ~~Penney~~ Penney Home Park

ADDRESS 801 Airport Heights ~~Rd.~~ Dr. Anchorage, Alaska

WELL—SITE Penny Mobile Homes on Penland Pk Way

DATE—STARTED 5-6-77 well is in parking lot

DATE—ENDED 5-9-77 of Northway Mall

DEPTH OF WELL 164

STATIC LEVEL OF WATER FT. ~77 before pump test

DRAW DOWN FT.

GALS. PER HR.

KIND OF CASING 8-inch welded

KIND OF FORMATION:

FROM 0 FT. TO 32 FT. Br. Sand & Gravel, damp
FROM 32 FT. TO 38 FT. Sticky Grey Clay
FROM 38 FT. TO 46 FT. Heaving Runny Br. sand & gravel.
FROM FT. TO FT.
FROM 46 FT. TO 103 FT. Sticky Grey Clay
FROM 103 FT. TO 110 FT. Grey Gravel & Sand
FROM 110 FT. TO 116 FT. Grey Gravel & Sand w/ water approx. 15 GPM
FROM FT. TO FT.
FROM 116 FT. TO 118 FT. Hard Boulder
FROM 118 FT. TO 124 FT. Grey Gravel Sand & water. Approx. 100 GPM.
FROM FT. TO FT.
FROM FT. TO FT.

FROM 124 FT. TO 137 FT. Runny Quicksand & Coal w/ a little water.
FROM FT. TO FT.
FROM 137 FT. TO 150 FT. Gravel Sand & Water. Approx. 100 GPM
FROM FT. TO FT.
FROM 150 FT. TO 151 FT. Boulder
FROM 151 FT. TO 161 FT. Good Gravel & Sand & water. Approx. 100 GPM
FROM FT. TO FT.
FROM 161 FT. TO 164 FT. Clayish Sand & Gravel w/ little water.
FROM FT. TO FT.
FROM FT. TO FT.
FROM FT. TO FT.
FROM FT. TO FT.

MISCL. INFORMATION:
pump pulled & replaced by WSA (Western States Associates)
replaced by MW w/ Berkley @ 147' 30 hp 1986. Well is sandy & crooked, screen is wrong screen, eats pumps.
Pump

DRILLER'S NAME Larry Jr., Tim & Nancy Schachle

REMARK | DATE | INITIALS