



STATE OF ALASKA 70316
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____/____/____ Completed: 10 / 10 / 2007 Pump Install: ____/____/____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	TOWNSHIP 16N RANGE 4W SECTION 34		D4	Deanna Jenkins AK,

Well location: Latitude 61.4268723 Longitude -149.972092
Meridian S Township 016N Range 004W Section 34 SW 1/4 of SW 1/4 of SW 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	To
Brown silty sand and gravel	0	15
Brown powdered silt	15	17
Sand and gravel	17	45
Silty sand and gravel	45	53
Hardpan	53	77
Blue clay	77	111
Hardpack rock and cobbles	111	124
Clay and gravel	124	149
Hardpan	149	167
Gray silty sand, gravel, cobbles and water	167	174
Gravel, cobbles, silty sand, water	174	179
Gravel, silty sand, water	179	189

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: 189 ft Casing stickup: 3 ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: 185 ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: _____

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): 62 ft on ____/____/____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at _____ gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: 4 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 PUMP AND WELL SERVICE

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

VALLEY PUMP & WELL SERVICE, INC

PO Box 877000
Wasilla, Alaska 99687
tel. 373-2343 fax. 373-4855

WELL DRILLING LOG

WELL OWNER: DEANNA JENKINS

WELL USE: PRIVATE
DRILLING METHOD: ROTARY
CASING SIZE: 6"

LOCATION: 16N04W34D004
13185 SOLID ROCK RD

DATE DRILLED: 10/10/2007
TOTAL WELL DEPTH: 192'
CASED TO: 188'
STATIC: 62'
WELL YIELD: 4 GPM

FINISH OF WELL
OPEN END: X
OPEN HOLE:
PVC LINER:
SCREENED:
PERFORATED:

FROM	TO
0	3
3	18
18	20
20	48
48	56
56	80
80	114
114	127
127	152
152	170
170	177
177	182
182	192

FORMATION
CASING ABOVE GROUND
BROWN SILTY SAND & GRAVEL
BROWN POWDERED SILT
SAND & GRAVEL
SILTY SAND & GRAVEL
HARDPAN
BLUE CLAY
HARDPACK ROCK & COBBLES
CLAY & GRAVEL
HARDPAN
GRAY SILTY SAND, GRAVEL, COBBLES & WATER
GRAVEL, COBBLES, SILTY SAND, WATER
GRAVEL, SILTY SAND, WATER

DRILLER COMMENT:

WELL DRILLER:

Richard Palmer