



STATE OF ALASKA 83651
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 6 / 2 / 2004 Completed: 6 / 2 / 2004 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage	PRIMERA		4	Shan Lynde ,

Well location: Latitude 61.1857359999999 Longitude -149.885562
Meridian S Township 013N Range 003W Section 30 , NW 1/4 of SE 1/4 of NE 1/4 of SW 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
Silty sand and peat	0	10
Silty clay	10	18
Sandy gravel with water	18	23
Clay	23	55
Clay and gravel	55	100
Wet sandy gravel	100	105
Silty clay	105	122
Wet sandy gravel	122	128
Silty clay	128	160
Gravel with water	160	164

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: 164 ft Casing stickup: 2 ft

Casing type: Steel Casing thickness: .25 inches

Casing diameter: 6 inches Casing depth: 164 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): 33 ft on 6 / 2 / 2004 Artesian well ☐

Pumping level & yield: feet after hours at gpm

Method of testing:

Development method: Duration:

Recovery rate: 20 gpm

Grout type: Bentonite 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: Chlorine

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested:

Well driller name:

Company name: HEFTY 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: - -

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

HEFTY DRILLING
3540 AKULA DRIVE
ANCHORAGE, ALASKA 99516
(907) 345-0593

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
MINING, LAND, WATER HYDROLOGIC SURVEY
WATER WELL LOG

Drilling Started: 6/2/04 Completed: 6/2/04

City/Borough: <u>Anch</u>	Subdivision/USS: <u>Between A & C Street</u>	Block	Lot	Property Owner Name & Address: <u>Shan J Lyndon</u> <u>5001 Queen Victoria Dr</u> <u>Anch. AK 99518</u>
Meridian	Township	Range	Section	1/4 of 1/4 of 1/4 of 1/4
Lat: N	Long: W	NAD: <u>27</u> OR <u>83</u> Elevation:		
BOREHOLE DATA: (from ground surface) Depth				Drilling method: <input checked="" type="checkbox"/> Air rotary, <input type="checkbox"/> Cable tool, Other
Material: Type, Color & wetness From To				Well use: <input type="checkbox"/> Public supply, <input checked="" type="checkbox"/> Domestic, <input type="checkbox"/> Other
<u>Silty Sand + Peat</u>	<u>0</u>	<u>10</u>	Depth of hole: <u>164</u> ft. Casing stickup: <u>2</u> ft	
<u>Silty Clay</u>	<u>10</u>	<u>18</u>	Casing type: <u>Steel</u> Thickness: <u>0.25</u> inches	
<u>Sandy Gravel w/ H₂O</u>	<u>18</u>	<u>23</u>	Casing diameter: <u>6</u> inches Casing depth: <u>164</u> ft	
<u>Clay</u>	<u>23</u>	<u>55</u>	Liner type: Diameter: inches Depth: ft	
<u>Clay + gravel</u>	<u>55</u>	<u>100</u>	Static water (from top of casing): <u>33</u> ft on <u>6/2/04</u>	
<u>Wet Sandy Gravel</u>	<u>100</u>	<u>105</u>	Pumping level & yield: feet after hours at gpm	
<u>Silty Clay</u>	<u>105</u>	<u>122</u>	Recovery rate: <u>20</u> gpm, Method of testing:	
<u>Wet Sandy gravel</u>	<u>122</u>	<u>128</u>	Development method: Duration:	
<u>Silty Clay</u>	<u>128</u>	<u>160</u>	Well intake opening type: <input checked="" type="checkbox"/> Open end, <input type="checkbox"/> Open hole	
<u>gravel w/ H₂O</u>	<u>160</u>	<u>164</u>	<input type="checkbox"/> Screened; Start: ft, Stopped: ft	
			Screen type: Slot/mesh size	
			<input type="checkbox"/> Perforated; Start: ft, Stopped: ft	
			Start: ft, Stopped: ft	
			Note:	
			Grout type: <u>Bentonite</u> Volume	
			Depth; from ft, to ft	
			Pump intake depth: ft	
			Pump size hp, Brand name:	
			Was well disinfected upon completion? <input checked="" type="checkbox"/> Yes, <input type="checkbox"/> No	
			Method of disinfection: <u>Chlorine</u>	
			Driller comments/ disclaimers:	
			Well Driller Name: <u>Hefty Drilling</u>	
			Company Name: <u>HEFTY DRILLING</u>	
			Mailing Address: <u>3540 AKULA DRIVE</u>	
			City: <u>ANCHORAGE</u> State: <u>ALASKA</u> Zip: <u>99516</u>	
			Phone Number: <u>1-907-345-0593</u>	
			Drillers Signature: <u>James Hefty</u>	

law requires that a copy of this well log be sent to the State of Alaska 45 days. Faxes are acceptable. (AK statutes 38.05.020, 38.05.035, 0.020, 46.15.020 and AK regulations 11 AAC 93.140).

DEPARTMENT OF NATURAL RESOURCES
Mining, Land & Water Hydrologic Survey
550 W 7th Ave., Suite 900A
Anchorage, AK 99501-3577
Telephone (907) 269-8639 and FAX (907) 562-1384

Within the City of Anchorage, it is required that a copy of the well log be sent to the appropriate city office within 60 days and that another copy of the well log be sent to the well/property owner within 30 days.
Permit Number: _____
Date of Issue: _____
Parcel Identification Number: _____
Is well located at approved permit location? ☐ Yes or ☐ No