



2583

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: 4 / 11 / 1983 Pump Install: ____/____/____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage				STATE OF ALASKA, DNR, Division of Agriculture ,

Well location: Latitude _____ **Longitude** _____
Meridian S Township 014N Range 002W Section 13 , NE 1/4 of NE 1/4 of NE 1/4 of NE 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
Sand and gravel-some silt and cobbles	0	116
Sandy gravel with water	116	122
Clay with some gravel-grey	122	163
Silty sandy gravel w/ water	163	168
Clay-grey	168	174
Sandy gravel with water	174	178
Sandy gravel with silt and water	178	182
Silty sandy gravel	182	184
Silty sand-wet	184	203
Cemented sand	203	206
Silty sandy gravel	206	209
Silty sand-wet	209	216
Silty sandy gravel w/water	216	221
Clay w/some sand, gravel and water	221	244
Silty sand with wood and water	244	254
Clay,sand and silt with water	254	260
Sandy gravel w/ water	260	273

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: 280 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): _____ ft on ____/____/____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at _____ 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: WAYNE WESTBERG

Company name: M-W DRILLING

Mailing address: PO BOX 110378

City: ANCHORAGE State: AK Zip: 99511

Phone number: (907) 945 - 3287

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

2583

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

L.S. c. 1. 516.0'

Drilling Permit No. _____

A.D.L. No. _____

LOCATION OF WELL (Please complete either Ia, Ib or Ic.)

<input type="checkbox"/> Ia. Borough	<input type="checkbox"/> Ib. Subdivision	<input type="checkbox"/> Ic. Lot	<input type="checkbox"/> Id. Block	<input type="checkbox"/> 1/4 qtrs.	Section No.	Township N <input checked="" type="checkbox"/> 14 S <input type="checkbox"/>	Range E <input type="checkbox"/> 2 W <input checked="" type="checkbox"/>	Meridian
Anchorage				NE of NE of NE of NE	13			Seward

☐ DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS
S. Side Eagle River Rd. Between Eagle River Loop Rd. & Chickaloon Street
Hole #3
Street Address and Area of Well Location T.W. #5

3. OWNER OF WELL: State of Alaska
Div. of Geological & Geological Surveys
Address: Water Resources Sec.
P.O. Box 2116, Eagle River, Alaska 99577

2. WELL LOG	Feet Below Surface		4. WELL DEPTH: (final) 282' 289'	5. DATE OF COMPLETION 4 - 11 - 83
	Top	Bottom		
Casing Stickup	0-2	20	6. <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Other:	7. USE: <input type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input checked="" type="checkbox"/> Other: Monitoring
Sand & Gravel - some silt & cobbles	20	118 116		
Sandy Gravel w/water	118 116	124 122	9. FINISH OF WELL: Type: Screen Diameter: 6" Tele. Slot/Mesh Size: 0.040" Length: 5.6' Set between 265.4 ft. and 270.4 ft. Backfilling 274-282 Gravel pack None	10. STATIC WATER LEVEL: 104 ft. 4 / 7 / 83 <input type="checkbox"/> Above or <input checked="" type="checkbox"/> Below land surface Equipment used: Probe
Clay w/some gravel - Gray	124 122	165 163		
Silty Sandy Gravel w/water	165 163	170 168	12. GROUTING Well Grouted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Material: <input type="checkbox"/> Neat Cement <input type="checkbox"/> Other:	
Clay - Gray	170 168	176 174		13. PUMP: (if available) HP Length of Drop Pipe ft. capacity g.p.m. <input type="checkbox"/> Subm. <input type="checkbox"/> Jet <input type="checkbox"/> Centrifical <input type="checkbox"/> Other
Sandy Gravel w/water	176 174	180 178	14. REMARKS: Geophysical logs available: natural gamma, neutron 1. 15 gpm @ 126' 118' 4. 50 gpm 219-222 2. 15-25 gpm 5. 40 gpm 217-221 3. 35 gpm @ 178' 176'	
Sandy Gravel w/silt- & water	180 178	184 182		15. Water Temperature ° <input type="checkbox"/> F <input type="checkbox"/> C
Silty Sandy Gravel	184 182	186 184		
Silty Sand - wet	186 184	205 203		
Cemented Sand	205 203	208 206		
Silty, Sandy Gravel	208 206	211 209		
Silty Sand - wet	211 209	218 216		
Silty, Sandy Gravel w/water	218 216	223 221		
Clay w/some sand, gravel & water	223 221	251 249		
Silty Sand w/wood & water	251 249	256 254		
Clay, Sand & Silt w/water	256 254	262 260		
Sandy Gravel w/water	262 260	275 273		
Sand, Silt & Clay w/some gravel	275 273	282 280		

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;

M-W Drilling, Inc.

Registered Business Name

AK 1000

Contract License Number

Address: P.O. Box 110378, Anchorage, Alaska 99511

Signed: Robert M. Kinnick
Authorized Representative

Date: 7/15/83 RA 2-11-15

Field loc ~ 4-83

LOCAL NO. SB14-2-137773-3
USGS SITE ID 611839149321503