



STATE OF ALASKA 77840  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER  
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 5 / 1 / 1980 Completed: 6 / 10 / 1980 Pump Install: 6 / 10 / 1980

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Bristol Bay Borough				Ocean Beauty Seafoods AK,

Well location: Latitude 58.7296371 Longitude -157.002213  
Meridian S Township 017S Range 047W Section 02, NW 1/4 of SW 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](https://my.ngwa.org/NC_Product?id=a185000000BYub3AAD)

	Depth	
	From	To
Organic soil	0	2
Mixed silty sand and gravel	2	12
Mixed clay and sand	12	24
Mixed clay and sand with small gravel	24	83
Fine sand and gravel	83	100
Mixed sand and gravel wet	100	110
Wet brown sand	110	122
Hard gray clay	122	141
Gravel and fine sand with water	141	160
Clay and gravel mixed	160	175
Clay and gravel with water	175	182
Clay and gravel with more water	182	190
Clay and gravel with water and large rocks	190	195
Gray heaving sand	195	200
Gray clay -- dry	200	215
Gravel with coarse sand	215	230
Gravel with coarse sand	230	237

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: 237 ft Casing stickup: 3 ft

Casing type: Steel Casing thickness: .26 inches

Casing diameter: 6 inches Casing depth: 222 ft

Liner type: \_\_\_\_\_ Depth: \_\_\_\_\_ ft Diameter: \_\_\_\_\_ inches

Note: \_\_\_\_\_

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened

Screen type: \_\_\_\_\_, Screen mesh size: 80

Screen start: 222 ft, Screen stop: 237 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): 58 ft on 6 / 29 / 1993 Artesian well ☐

Pumping level & yield: 115 feet after 4 hours at 275 gpm

Method of testing: Submersible pump

Development method: Air surge Duration: \_\_\_\_\_

Recovery rate: \_\_\_\_\_ gpm

Grout type: \_\_\_\_\_ Volume \_\_\_\_\_

Depth: From \_\_\_\_\_ ft, To \_\_\_\_\_ ft

Final pump intake depth: 207 ft Model: 460 3-ph

Pump size: 25 hp Brand name: Goulds

Was well disinfected upon completion? ☒ Yes ☐ No

Method of disinfection: Chlorine 50ppm

Was water quality tested? ☒ Yes ☐ No

Water quality parameters tested: PIWA

Well driller name: Steve Thomas

Company name: JOHNSON DRILLING CO

Mailing address: PO BOX 9

City: KING SALMON State: AK Zip: 99613

Phone number: (907) 250 - 5051

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](mailto:dnr.water.reports@alaska.gov)



**STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER**

**WATER WELL LOG**

Drilling Started: 5 / 1 / 1980 Completed: 6 / 4 / 1980 Pump Install: 6 / 10 / 1980

City/Borough:	Subdivision:	Block	Lot	Property Owner Name & Address: #1																																																																		
<b>Naknek</b>				<b>Ocean Beauty Seafoods Well ID #261232</b>																																																																		
Latitude <u>58° 43' 48.77" N</u> Longitude <u>157° 00' 07.57" W</u> Meridian _____ Township _____ Range _____ Section _____ 1/4 of _____ 1/4 of _____ 1/4 of _____ 1/4																																																																						
<b>BOREHOLE DATA:</b> (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system * <a href="https://info.ngwa.org/servicecenter/shopper/ProductDetail.cfm?ProdCompanyPassed=ngwa&amp;ProdCatPassed=engw-1030">https://info.ngwa.org/servicecenter/shopper/ProductDetail.cfm?ProdCompanyPassed=ngwa&amp;ProdCatPassed=engw-1030</a>				Drilling method: <input type="checkbox"/> Air rotary <input type="checkbox"/> Cable tool <input type="checkbox"/> Other _____ Well use: <input type="checkbox"/> Public supply, <input type="checkbox"/> Domestic, <input type="checkbox"/> Reinjection, <input type="checkbox"/> Hydrofracking Fluids used: <u>Water</u> <input type="checkbox"/> Other _____																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Depth From</th> <th style="text-align: center;">To</th> </tr> </thead> <tbody> <tr><td>Organic Soil</td><td style="text-align: center;">0</td><td style="text-align: center;">2</td></tr> <tr><td>Mixed silty sand and gravel</td><td style="text-align: center;">2</td><td style="text-align: center;">12</td></tr> <tr><td>Mixed clay and sand</td><td style="text-align: center;">12</td><td style="text-align: center;">24</td></tr> <tr><td>Same w/small gravel</td><td style="text-align: center;">24</td><td style="text-align: center;">83</td></tr> <tr><td>Fine sand and gravel</td><td style="text-align: center;">83</td><td style="text-align: center;">100</td></tr> <tr><td>Mixed sand and gravel wet</td><td style="text-align: center;">100</td><td style="text-align: center;">110</td></tr> <tr><td>Wet brown sand</td><td style="text-align: center;">110</td><td style="text-align: center;">122</td></tr> <tr><td>Hard gray clay</td><td style="text-align: center;">122</td><td style="text-align: center;">141</td></tr> <tr><td>Gravel and fine sand w/water</td><td style="text-align: center;">141</td><td style="text-align: center;">160</td></tr> <tr><td>Clay and gravel mixed</td><td style="text-align: center;">160</td><td style="text-align: center;">175</td></tr> <tr><td>Clay and gravel w/water</td><td style="text-align: center;">175</td><td style="text-align: center;">182</td></tr> <tr><td>Same w/more water</td><td style="text-align: center;">182</td><td style="text-align: center;">190</td></tr> <tr><td>Same w/some large rocks</td><td style="text-align: center;">190</td><td style="text-align: center;">195</td></tr> <tr><td>Gray heaving sand</td><td style="text-align: center;">195</td><td style="text-align: center;">200</td></tr> <tr><td>Gray Clay--Dry</td><td style="text-align: center;">200</td><td style="text-align: center;">215</td></tr> <tr><td>Gravel w/coarse sand</td><td style="text-align: center;">215</td><td style="text-align: center;">230</td></tr> <tr><td>Same</td><td style="text-align: center;">230</td><td style="text-align: center;">237</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>					Depth From	To	Organic Soil	0	2	Mixed silty sand and gravel	2	12	Mixed clay and sand	12	24	Same w/small gravel	24	83	Fine sand and gravel	83	100	Mixed sand and gravel wet	100	110	Wet brown sand	110	122	Hard gray clay	122	141	Gravel and fine sand w/water	141	160	Clay and gravel mixed	160	175	Clay and gravel w/water	175	182	Same w/more water	182	190	Same w/some large rocks	190	195	Gray heaving sand	195	200	Gray Clay--Dry	200	215	Gravel w/coarse sand	215	230	Same	230	237													Depth of hole: <u>237</u> ft. Casing stickup: <u>3</u> ft Casing type: <u>Steel</u> Wall thickness <u>.28</u> inches Casing diameter: <u>6</u> inches Casing depth <u>222</u> ft Liner type: _____ Depth: _____ ft Diameter: _____ inches Well intake opening type: <input type="checkbox"/> Open end, <input type="checkbox"/> Open hole, <input type="checkbox"/> Other _____ Screen type: <u>15</u> Assembly From: <u>222</u> ft. To <u>237</u> ft Slot size <u>80</u> From: <u>222</u> ft. To <u>237</u> ft Slot size _____ From: _____ ft. To _____ ft <input type="checkbox"/> Perforation description _____ From: _____ ft. To _____ ft From: _____ ft. To _____ ft From: _____ ft. To _____ ft Gravel packed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft. To _____ ft Static water (from top of casing): <u>58</u> ft on <u>6</u> / <u>29</u> / 1993 Pumping level & yield: <u>115</u> feet after <u>4</u> hours at <u>275</u> gpm Method of testing: <u>Submersible pump</u> Development method: <u>Air Surge</u> Duration: <u>12</u> Recovery rate: <u>4 min</u> gpm Grout type: <u>Not Grouted during Const.</u> Volume _____ Depth: From _____ ft. To _____ ft Final pump intake depth: <u>207</u> ft Model: <u>25 Hp 460 3-PH</u> Pump size <u>25</u> hp Brand name <u>Goulds</u> Was well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Method of disinfection: <u>Chlorine 50 PPM +</u> Was water quality tested? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Water quality parameters tested: <u>PIWA</u> Well driller name: <u>Steve Thomas</u> Company name: <u>Johnson Drilling Co.</u> Mailing address: <u>P.O. Box 9</u> City: <u>King Salmon</u> State: <u>AK</u> Zip <u>99613</u> Phone number: ( <u>907</u> ) <u>250</u> - <u>5051</u> Driller's signature: <u>Steve Thomas</u> Date: <u>5</u> / <u>27</u> / <u>2017</u>
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Alaska DNR, MLW, Alaska Hydrologic Survey  
550 West 7<sup>th</sup> Avenue, Suite 1020  
Anchorage, AK 99501

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Parcel Identification Number: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Is well located at approved permit location? ☐ Yes ☐ No

