



WATER WELL LOG Revised 08/18/2016

Drilling Started: ___/___/___ Completed: 6 / 6 / 1990 Pump Install: ___/___/___

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

Well location: Latitude 58.7440529 **Longitude** -156.953781
 Meridian S Township 016S Range 046W Section 33, NE 1/4 of SE 1/4 of NW 1/4 of SE 1/4

<p>BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC_Product?id=a18500000BYub3AAD</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Depth</th> <th></th> </tr> <tr> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th></th> </tr> </thead> <tbody> <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> <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> <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> <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> <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> <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																																																																							<p>Drilling method: <input checked="" type="checkbox"/> Air rotary, <input type="checkbox"/> Cable tool, <input type="checkbox"/> Other _____ Well use: <input checked="" type="checkbox"/> Public supply, <input type="checkbox"/> Domestic, <input type="checkbox"/> Reinjection, <input type="checkbox"/> Hydrofracking <input type="checkbox"/> Commercial, <input type="checkbox"/> Observation/Monitoring, <input type="checkbox"/> Test/Exploratory, <input type="checkbox"/> Cooling, <input type="checkbox"/> Irrigation/Agriculture, <input type="checkbox"/> Grounding, <input type="checkbox"/> Recharge/Aquifer Storage, <input type="checkbox"/> Heating, <input type="checkbox"/> Geothermal Exploration, <input type="checkbox"/> Other _____ Fluids used: _____ Depth of hole: <u>253</u> ft Casing stickup: <u>3</u> ft Casing type: <u>ERW</u> Casing thickness: <u>0.25</u> inches Casing diameter: <u>10</u> inches Casing depth: <u>243</u> ft Liner type: _____ Depth: _____ ft Diameter: _____ inches Note: _____ Well intake opening type: <input type="checkbox"/> Open end, <input type="checkbox"/> Open hole, <input checked="" type="checkbox"/> Other <u>screened</u> Screen type: <u>Johnson Stainless</u>, Screen mesh size: <u>0.03</u> Screen start: <u>243</u> ft, Screen stop: <u>253</u> ft, Perforated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Perforation description: _____ Perf from: _____ ft, Perf to: _____ ft, Perf from: _____ ft, Perf to: _____ ft Gravel packed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gravel start: _____ ft, Gravel stop: _____ ft Note: <u>Developed for 4.5 Hrs. Water cleared steadily and water production increased. Well will produce in excess of 120 GPM.</u> Static water (from top of casing): _____ ft on ___/___/___ Artesian well <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Method of disinfection: _____ Was water quality tested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Water quality parameters tested: _____ Well driller name: _____ Company name: <u>D.R. Lax Construction</u> Mailing address: _____ City: _____ State: <u>AK</u> 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: _____ - _____ - _____</p>
Depth																																																																												
From	To																																																																											

Include description or sketch of well location (include road names, buildings, etc.):

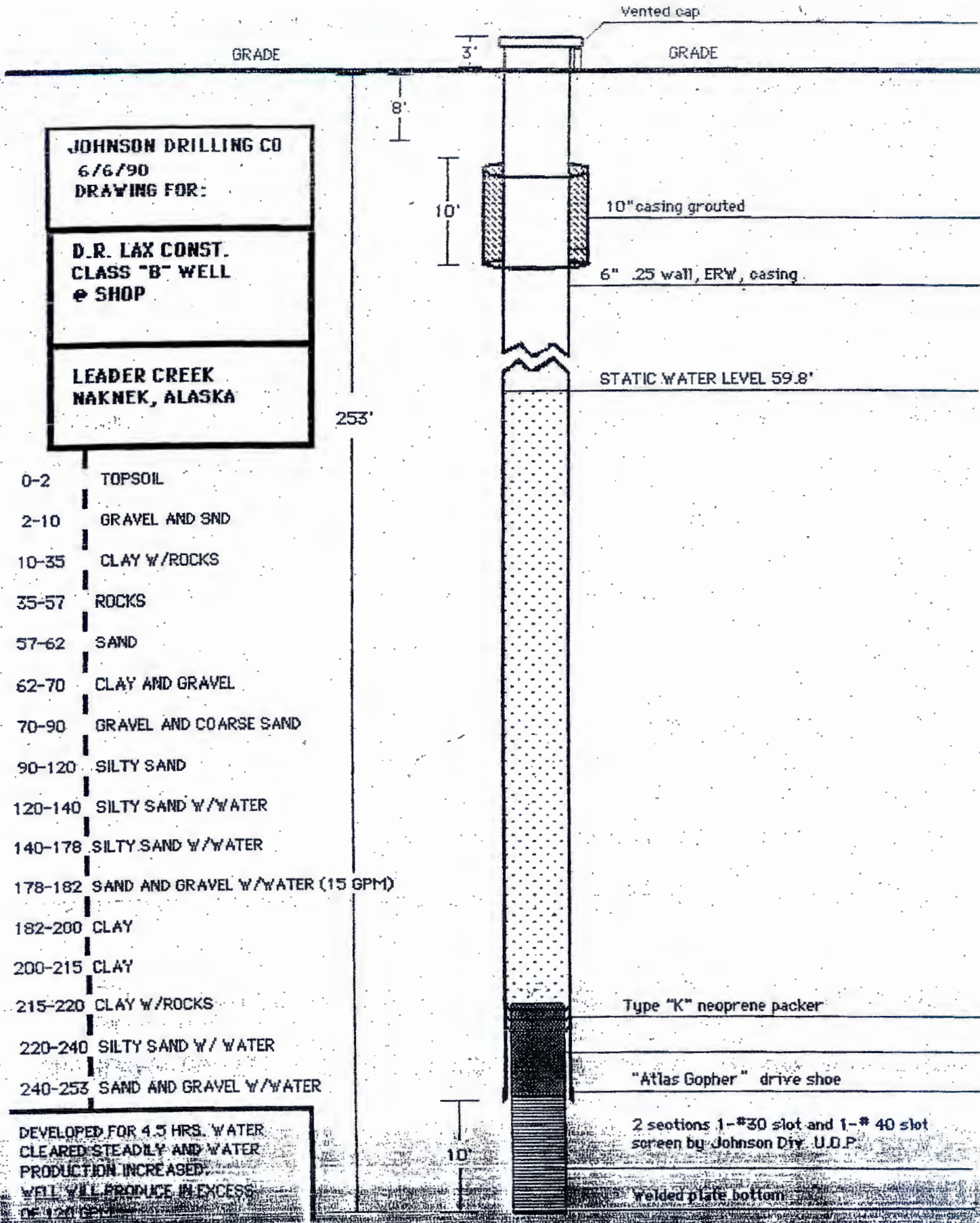
AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within **45 days of well completion**. Well logs may be submitted using the online well log reporting system available at:

<https://dnr.alaska.gov/welts/>

OR email electronic well logs to

dnr.water.reports@alaska.gov

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



JOHNSON DRILLING CO
6/6/90
DRAWING FOR:

D.R. LAX CONST.
CLASS "B" WELL
e SHOP

LEADER CREEK
NAKNEK, ALASKA

- 0-2 TOPSOIL
- 2-10 GRAVEL AND SAND
- 10-35 CLAY W/ROCKS
- 35-57 ROCKS
- 57-62 SAND
- 62-70 CLAY AND GRAVEL
- 70-90 GRAVEL AND COARSE SAND
- 90-120 SILTY SAND
- 120-140 SILTY SAND W/WATER
- 140-178 SILTY SAND W/WATER
- 178-182 SAND AND GRAVEL W/WATER (15 GPM)
- 182-200 CLAY
- 200-215 CLAY
- 215-220 CLAY W/ROCKS
- 220-240 SILTY SAND W/ WATER
- 240-253 SAND AND GRAVEL W/WATER

DEVELOPED FOR 4.5 HRS. WATER
CLEARED STEADILY AND WATER
PRODUCTION INCREASED.
WELL WILL PRODUCE IN EXCESS
OF 120 GPM

10" casing grouted

6" .25 wall, ERW, casing

STATIC WATER LEVEL 59.8'

Type "K" neoprene packer

"Atlas Gopher" drive shoe

2 sections 1-#30 slot and 1-# 40 slot
screen by Johnson Dry U.D.P.

welded plate bottom

253'

8'

10'

10'

GRADE

GRADE