

## STATE OF ALASKA 24137 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

## WATER WELL LOG Revised 08/18/2016

| Drilling Started:// Compl  |                     |           | Compl       | eted: <u>1 / 23 / 1997</u> Pump Install: //  |  |  |  |  |
|--|---------------------|-----------|-------------|--|--|--|--|--|
| City/Borough Subdivision   |                     | ion       | Block       | Lot Property Owner Name & Address  |  |  |  |  |
|  |                     |           |             | US PHS, PILOT STATION,   |  |  |  |  |
| Well location: Latitude 61.  |                     |           |             |  |  |  |  |  |
| Meridian <u>S</u> Township <u>021N</u> Range <u>074W</u> Section   |                     |           | Section     |  |  |  |  |  |
| BOREHOLE DATA: (from ground surface)<br>Suggest T.M. Hanna's hydrogeologic classification system*  |                     |           | /stem*      | Drilling method: Air rotary, Cable tool, Other   |  |  |  |  |
| https://my.ngwa.org/NCProduct?id=a185000000BYub3AAD  |                     |           | <u>3AAD</u> | Commercial, Observation/Monitoring, Test/Exploratory, Cooling,                                 |  |  |  |  |
| Depth<br>From To   |                     |           | epth<br>To  | □ Irrigation/Agriculture, □Grounding, □ Recharge/Aquifer Storage,                              |  |  |  |  |
|  |                     |           | 5           | ☐ Heating, ☐ Geothermal Exploration, ☐ Other   |  |  |  |  |
|  |                     | 25        | Fluids used |  |  |  |  |  |
|  |                     | 25        | 83          | Depth of hole: <u>83</u> ft Casing stickup:ft  |  |  |  |  |
|  |                     | 20        | 00          | Casing type: Casing thickness: inches  |  |  |  |  |
|  |                     |           |             | Casing diameter: inches Casing depth: 10 ft  |  |  |  |  |
|  |                     |           |             | Liner type: Depth: ft Diameter:inches<br>Note: CASE TO 10, PVC TO 63, PVCSCREEN TO 83 FT       |  |  |  |  |
|  |                     |           | -           | Well intake opening type: Open end, Open hole, Other screened                                  |  |  |  |  |
|  |                     |           |             | Screen type:, Screen mesh size:  |  |  |  |  |
|  |                     |           |             | Screen start: ft, Screen stop: ft, Perforated Yes I 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): <u>13.4</u> ft on / / Artesian well                       |  |  |  |  |
|  |                     |           |             | Pumping level & yield: feet after hours at <u>40</u> gpm<br>Method of testing:                 |  |  |  |  |
|  |                     |           |             | Method of testing:   |  |  |  |  |
|  |                     |           |             | Recovery rate: gpm   |  |  |  |  |
|  |                     |           | -           | Grout type: Volume   |  |  |  |  |
| Include description or sketch of   | f well location (in | clude roa | d names.    | Depth: Fromft, Toft  |  |  |  |  |
| Include description or sketch of well location (include road names, buildings, etc.):  |                     |           | a namee,    | 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   |  |  |  |  |
|  |                     |           |             | Wall driller name  |  |  |  |  |
|  |                     |           |             | Well driller name:   |  |  |  |  |
|  |                     |           |             | Company name: DISCOVERY DRILLING   |  |  |  |  |
|  |                     |           |             | Mailing address:   |  |  |  |  |
| Neth   |                     |           |             | City: State: <u>AK</u> Zip:  |  |  |  |  |
| AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a   |                     |           |             | Phone number: ()   |  |  |  |  |
| copy of the well log be submitted to the Department of Natural<br>Resources within <b>45 days of well completion</b> . Well logs may<br>be submitted using the online well log reporting system<br>available at: |                     |           | latural     | Driller's signature:   |  |  |  |  |
|  |                     |           | s may       | Date://<br>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          |  |  |  |  |
| https://dnr.alaska.gov/welts/  |                     |           |             | within 30 days of well completion.   |  |  |  |  |
| OR email electronic well logs to   |                     |           |             | City Permit Number:<br>Date of Issue://  |  |  |  |  |
| dnr.water.reports@alaska.gov   |                     |           |             | Parcel Identification Number:  |  |  |  |  |

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

| 55<br>And<br><u>dnr.water.re</u>  | n of Mining, Land & Water<br>50 w 7th Ave., Suite 1020<br>achorage, AK 99501-3562<br>eports@alaska.gov<br>Well Record of Deco | mmissioning (ver  | onmental Health, D<br>rinkingwater.rej<br>Sion 2023 | rinking Water Program<br>555 Cordova Street<br>Anchorage, AK 99501<br>ports@alaska.gov<br>L)                    | State<br>Of<br>Alaska   |                   |  |  |
|---|---|---|---|---|---|-------------------|--|--|
| This form is intended to convey information   | regarding the decommisioning of a water   | well as required by both DEC and  |   |   | site schematic and photos   | as necessary.     |  |  |
| Well Decommissioner or Contr  |   |   | Well and Ow   | ner Details *   |   |                   |  |  |
| Name: John Ray  |   | Owner's name and address: City of pilot station   |   |   |   |                   |  |  |
| Company: Timberline   | Excavation Well location - Stre   | eet & number:   | ,   |   |   |                   |  |  |
| Address: 3230 Surrey Dr.  | Well location - Subdivis  | ion, Lot & Block:   |   |   |   |                   |  |  |
| (continued): Fairbanks AK 9   | 19705 Meridian:   | Township: Ra  | ange:   | Section:  | Quarters:   |                   |  |  |
| Phone: 907- 457-7716  | GPS to 5 places: Latitude   |   | Longitude:  | ·   | Datum:  |                   |  |  |
| Email: Timber. inc@Gm   | well Name or AK WE  | ELTS Number: WELL   | C   |   |   |                   |  |  |
| Please check all boxes that apply and provide   | all requested information. Do not check   |   |   |   |   |                   |  |  |
| Details of Former Well  | Fo  | rmer Well Description (Not  | required if ori                                     | ginal well log attached   | <u>.</u>  |                   |  |  |
| Public water system? (See note * Yes: No: Or  | riginal Driller's Name:   |   |   | Well depth (ft bls): 100  | Date of completion: 7   | 20,17             |  |  |
| If so, PWSID number: 2260163  | Vell Type Drilled (Yes: No:   | Finish Cased (es)   | No: N/A<br>Unknown                                  | SWL (ft bls):   | Flowing artesian Yes:   | 0: N/A<br>Unknown |  |  |
| Single Family Domestic Yes: No:   | Driven Yes: No:   | Capped Yes:   | No: N/A<br>Unknown                                  | Bedrock (ft bls):   | Flood prone site Yes:   | N/A<br>Unknown    |  |  |
| Commercial/ Fishery Yes: No:  | Jetted Yes: No:   | Screened Yes:   | No: N/A<br>Unknown                                  | Casing type: P)/C   | Well condition Good: Poo  | N/A<br>Unknown    |  |  |
| Irrigation/Agricultural Yes: No:  | Dug Yes: No:  | Perforated Yes:   | No: N/A<br>Unknown                                  | Diameter (inches): 4 1  |   | N/A<br>Unknown    |  |  |
| Heating / Cooling Yes: No:  | Unknown Yes: No:  | Well liner present (es;)  | No: N/A<br>Unknown                                  | Stickup (ft):   | Well house Yes:   |                   |  |  |
| ** Public Water System decommissioning may  | y requires additional documentation, ple  |   |   |   |   | Onkilown          |  |  |
| Decommissioning notes:  | Reason for well decommissioning:  | Decommissioning process   |   |   |   |                   |  |  |
| Include notes regarding any deviations from state approved methods of decommissioning as  | longer in use   | Casing cut below grade (es:)  | No: N/A<br>Unknown                                  | NA Well disinfected prior to decommissioning Yes:   |   |                   |  |  |
| described in 18 AAC 80.015e.  | )   | Casing fully removed tes:   | No: N/A<br>Unknown                                  | Plumbing remov  | ved from casing Ves: No   | N/A<br>Unknown    |  |  |
| http://dec.alaska.gov/eh/dw/regulations/  |   | Casing filled with bentonite es   | No: N/A<br>Unknown                                  | Liner (i  | fany) removed (Ves) No  | D: N/A<br>Unknown |  |  |
| AWWA A100 Method Yes: No:   | Excavation and Fill Details   | Casing welded closed Yes:   | No: N/A<br>Unknown                                  | Electric wiring rem   | noved from site ves No  |                   |  |  |
| Alaska BMPs Method Yes: No:   | Placement method  | Borehole refilled Vesi  | No: N/A<br>Unknown                                  | the second se | original well log Yes:  |                   |  |  |
| Other Method (describe below) Yes: No:  | Excavation Depth (ft) 3   | Screen filled with gravel Yes:  | No: N/A<br>Unknown                                  | Well lo   | g listed at DNR Yes: No   |                   |  |  |
|   | Type of fill used   | Perforations filled with gravel Yes:  | No: N/A   | -<br>Local auth   | orities notified Yes: No  | N/A               |  |  |
|   | Volume of fill (cu ft)  | Excavated pit refilled Yes:   | No: N/A   |   | commissioning Yes:  | -                 |  |  |
| # Ba  | ags of bentonite in casing  | Pit area mounded Yes:   | No: N/A   |   | commissioning Yes:  | ORKHOWN           |  |  |
|   |   |   | Unknown   | Divis notified of de  | commissioning res.  | Unknown           |  |  |
| 0   | 1   | *** Signatures required   |   | O da  | 2   |                   |  |  |
| Owner***:   | A.CONRAD, ANTH  |   | Contractor***:                                      | 0   | J .   |                   |  |  |
| Date: <u>6/6/22</u> //_   | ON BEHALF OF T  | in the second | Date:   | ~ 1 28  | 17  |                   |  |  |
| <ol> <li>Submit this form to DNR and DEC (see contact info at top of form)</li> <li>Attach an original water well log. If not available, a blank water w</li> <li>Attach maintenance or water usage records and provide an adeq</li> <li>This form is under development and is subject to change. Please s</li> </ol> | vell log form is available at http://dnr.alaska.gov/mlw/form<br>uate locational description, including maps or sketches. Use  | s/#waterother if well details are known.<br>additional pages as needed.   | on this form  | n. This is particularly impor   | further document the inform<br>tant for public water system<br>mpact the public water syste | wells and also    |  |  |

| RECORD OF WELL INSTALLATION |   |   |                    | N Well C                             |                       |                    |   |            |  |
|-----------------------------|---|---|--------------------|--------------------------------------|-----------------------|--------------------|---|------------|--|
|                             | ECT NUMBER: 963-5307.003<br>IHOLE LOCATION: Pilot Station, AK<br>25 ft.                                     |   |                    |                                      |                       | PRO                | ET 1 OF 1<br>NECT: PHS/Pliot Station/AK<br>LING DATE: 1/23/97                           |            |  |
|                             | STRATEGRAPHY  |   |                    | MONITORING WELL CO                   |                       |                    |   |            |  |
| (Jeek)                      | DESCRIPTION   |   | 11년<br>11년<br>(민지) | DESCRIPTION WELL<br>SKIETCH          |                       | ORILLING NOTES     | DEPTH<br>(1990)   |            |  |
| 0                           |   |   | -128.0<br>         | Sentonite Chip Seel                  |                       |                    |   |            |  |
| 10                          | Reddich brown, SANDETONE and dark gnty to<br>black, SUTSTONE in Intermition layers, upper<br>2 It weathered |   | 120.0              | e-Inch Diameter<br>Suel Casing       |                       | 19 ×               |   | -<br>10    |  |
| •                           |   |   | 2                  |                                      | \<br>13.4°<br>1/29/97 |                    |   |            |  |
|                             | Bade, SILTSTONE   |   | 100.0              | 4-inch Diamatar Sch. 40<br>PVC Uner  | -                     |                    | Water encountered from about 20 fL to 26 fL<br>at a flowrate of about 3 gem             | 20-        |  |
| - 30                        |   |   |                    |                                      |                       |                    |   | 30-        |  |
| - 40                        |   |   |                    |                                      |                       |                    | Water encountered item about 35 ft. to 40 ft.<br>at a filowrate of about 10 to 15 gpm   | 40         |  |
| •                           |   |   |                    |                                      |                       |                    |   |            |  |
| - 50                        |   |   |                    |                                      |                       |                    |   | 50         |  |
| - 60                        |   |   |                    |                                      |                       | 63 h               |   | 80         |  |
| 70                          |   |   |                    | s-inch Diameter Sch. 40              |                       |                    |   | 70-        |  |
| - 80                        |   |   |                    | sti-alot PVC Well Soreen             |                       | -                  | Possible tradume zone et about 75 ft.<br>Water encountgeed at sbeur 75 ft. 10 80 ft. 81 | 80         |  |
|                             |   |   |                    |                                      |                       | <b>43</b> #        | a flowrabe from about 20 to 40 gpm  | M          |  |
| - 90                        | BOH IN \$3.0 E.   |   | 12 0<br>61.0       |                                      |                       |                    |   | Sershall ( |  |
| 100                         |   |   |                    |                                      | EOF                   | 1 <b>8</b> 3.0 fr. | ·   | (D-3)100   |  |
| ORILLI                      | til: HMD23152<br>HG CONTRACTOR: Discovery<br>R: E. Harder   | 1 | L                  | LOGOSO: SLAnderson<br>CHECKED: (RG-D |                       |                    | Gold  | er         |  |
|                             |   |   |                    | DATE: 3/4/97                         | <b>—</b> ——           |                    |   |            |  |

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