83612

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: 9 / 12 / 1997 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
				Bureau Of Land Management ,

Well location: Latitude 65.36861099999999 **Longitude** -147.086008

Meridian F Township 006N Range 003E Section 11 , NE 1/4 of NE 1/4 of NW 1/4 of NW 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	Depth To
Brown gravel	0	15
Green schist	15	20
Brown schist	20	30
Green hard schist	30	35
Black hard schist	35	50

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

North

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: 50 ft Casing stickup: _____ft

Casing type: Steel welded Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: 47 ft

Liner type: _____ Depth: _____ ft Diameter: _____inches

Note: _____

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

Screen type: _____, Screen mesh size: 60

Screen start: 42 ft, Screen stop: 47 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): 7 ft on 9 / 12 / 1997 Artesian well ☐

Pumping level & yield: 21 feet after .5 hours at 6 gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: Neat cement 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: .....

Company name: KLONDIKE DRILLING.....

Mailing address:.....

City: _____ State: AK Zip: _____

Phone number: (_____) _____- _____

Driller's signature: _____

Date: _____/_____/_____

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

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: _____-_____-_____

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

100.07.437

BLM-Ophir Crk CG #1
3K255

#1

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

Drilling Permit No. _____
A.D.L. No. _____

LOCATION OF WELL (Please complete either 1a, 1b or 1c.)

1a Borough	Subdivision	Lot	Block	1b 1/4 qtrs. ___ of ___ of ___ of ___	Section No.	Township N☐ S☐	Range E☐ W☐	Meridian

1c DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

Street Address and Area of Well Location

3. OWNER OF WELL:

Address:

2. WELL LOG

Material Type	Feet Below Surface Top	Bottom
Brw gravel	0	15
green schist	15	20
Brw. schist	20	30
grn. hard schist	30	35
Blk hard schist	35	50

4. WELL DEPTH: (final) 47 ft

5. DATE OF COMPLETION 9-12-97

6. ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug ☐ Auger ☐ Jetted ☐ Bored ☐ Other:

7. USE: ☐ Domestic ☒ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☐ Commercial ☐ Test Well ☐ Other:

8. CASING: ☐ Threaded ☒ Welded
diam. 6 in. to 42 ft. Depth Weight 17 lbs./ft
diam. ___ in. to ___ ft. Depth Stickup 8 in.

9. FINISH OF WELL:
Type: Drilled Diameter: 6"
Slot / Mesh Size: 60 Length: 5'
Set between 47 ft. and 42 ft.
Backfilling X Gravel pack ___

10. STATIC WATER LEVEL: 7 ft. 9/12/97 Date
☐ Above or ☒ Below land surface
Equipment used: Tape

11. PUMPING LEVEL below land surface and YIELD
21 ft. after 30 min. pumping 6 g.p.m.
___ ft. after ___ hrs. pumping ___ g.p.m.

12. GROUTING Well Grouted: ☒ Yes ☐ No
Material: ☒ Neat Cement ☐ Other:

13. PUMP: (if available) HP Monster Hand
Length of Drop Pipe 21 ft. capacity ___ g.p.m.
☐ Subm. ☐ Jet ☐ Centrifical ☒ Other

14. REMARKS:

15. Water Temperature ___ ° ☐ F ☐ C

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.

Klondike Drilling — Registered Business Name
17 3771 — Contract License Number
Address: P.O.B. 10653 Fairb. AK 99710
Signed: H.G. Holder — Authorized Representative
Date: 9-27-97

Form 02-WWR (11/81) Copy Distribution: WHITE - State DGGS; PINK - Driller; CANARY - Customer

USGS Local No. _____