

STATE OF ALASKA 34207 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: _		Comple	eted: <u>8 / 31 / 1971</u> Pump Install://
City/Borough	Subdivision	Block	Lot Property Owner Name & Address
			BETHEL DRILLING ,
Well location: Latitude 60.78342			Longitude -161.80057999999997
Meridian S Township 0	08N Range <u>071W</u>	Sectior	1 18 , SE 1/4 of SW 1/4 of SE 1/4 of NE 1/4
BOREHOLE DATA: (from ground surface)			Drilling method: Air rotary, Cable tool, Other
Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC			Well use: ■Public supply, □Domestic, □Reinjection, □Hydrofracking
Depth			☐Commercial,☐Observation/Monitoring,☐Test/Exploratory,☐Cooling,
	<u>From</u>	<u>To</u>	☐Irrigation/Agriculture, ☐Grounding, ☐Recharge/Aquifer Storage,
			Heating, Geothermal Exploration, Other
			Fluids used:
			Depth of hole: 436ft Casing stickup:ft
			Casing type: inches
			Casing diameter: inches Casing depth: ft
			Liner type: Depth: ft Diameter:inches
			Note: CASED WITH 13 FT
			Well intake opening type: ☐ Open end,☐ Open hole, ☐ Other screened
			Screen type:, Screen mesh size:
			Screen start: ft, Screen stop: ft, Perforated \(\textstyle \) Yes \(\textstyle \) No
			Perforation description: Ft, Perf to: ft from: ft, Perf
			Gravel packed Yes No Gravel start: ft , Gravel stop: ft
			Note:
			Static water (from top of casing): 29.75ft_on// Artesian well
			Pumping level & yield: feet after hours at 25 gpm
			Method of testing:
			Development method: Duration:
			Recovery rate: gpm
			Grout type: Volume
Include description or sketch of well I	ocation (include road	names	Depth: Fromft, Toft
buildings, etc.):	oodiioii (iiioiddo iodd	rnamoo,	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: BETHEL DRILLING
			Mailing address:
		↑	City: State: <u>AK</u> Zip:
		North	Phone 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			Driller's signature:
Resources within 45 days of well co		may	Date:/
be submitted using the online well log reporting system available at:			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: Date of Issue://
dnr.water.reports@alaska.gov			Parcel Identification Number:



BETHEL DRILLING & WELDING SERVICE, INC.

BOX 189 • BETHEL, ALASKA 99559 PHONE 543-2026

August 31, 1971

Drill Log For Bethel Drilling

Started setting rig up on 8/12/71, started drilling 8/14/71.

0 6 ft.	Sand fill
6 8	Jundra
868	Frozen Blue Silt and clay
4828Ø	Frozen fine sand and silt
280396	Frozen fine and medium sand
396402	Frozen medium sand
402408	Water and unclassified sand
408426	Water and medium sand
426436	Fine sand, clay no water

Well casing	6 in. Schedule 40 pipe
Conductor Pipe	8 in. Schedule 40 pipe
	20 ft. in length, with
•	Bentonite outside as a seal

Screen	length	13 ft. 2 in.
Screen	Model	Johnson/Bronze
Screen	Size	0.012 Slot
Screen	Exposed	12 ft. 6 in.
Static	Water Level	29 ft. 9 in.

Top of ground to bottom of screen 426 ft.

Installed a Jacuzzi 1 1/2 hp submersible pump at a depth of 105ft. on a 1 1/2 in. riser pipe. Pump produces 25 gpm with 10 feet of drawdown.