

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

WATER WELL LOG Revised 08/18/2016

Drilling Starte	ed: <u>11 / 9</u>	/_2021_		eted: _11 / 9 / _2021 Pump Install: //					
City/Borough Subdivis				Lot Property Owner Name & Address					
Matanuska-Susitna Borough	Knikah	Knikahtnu		Knik Tribal Council AK,					
Well location: Latitude 61.9 Meridian S Towns		ge <u>001W</u>	Section	Longitude					
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC				Drilling method: ■Air rotary, □Cable tool, □Other □ Well use: □Public supply, ■Domestic, □Reinjection, □Hydrofracking □Commercial, □Observation/Monitoring, □Test/Exploratory, □Cooling,					
Proven eilter grovel		From 0	<u>To</u> 12	☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage, ☐ Heating, ☐ Geothermal Exploration, ☐ Other					
Brown silty gravel		12	20	Fluids used:					
Boulders - gray hardpa	ın gravei			Depth of hole: 101					
Gray hardpan gravel		20	48	Casing type: A53B Steel Casing thickness: 25 inches					
Silty sand - gravel		48	55	Casing diameter: inches Casing depth: 100 ft					
Clay - silt		55	58	Liner type: Depth: ft Diameter:inches					
Silty gravel - sand		58	80	Note:					
Gravel - silty sand - water		80	101	Well intake opening type: ☐ Open end, ☐ Open hole, ☐ Other open hole					
-				Screen type: Stainless Steel, Screen mesh size: 100 Screen start: ft, Screen stop: ft, Perforated Yes No					
				Perforation description: ft, Perf					
				to:ft, Perf from: ft, Perf to: ft					
				Gravel packed ☐Yes ■ No Gravel start: ft , Gravel stop: ft					
				Note: 10' of 100 slot screen 5' of 80 slot screen					
				Static water (from top of casing): 15 ft on 11 / 9 / 2021 Artesian we					
				Pumping level & yield: feet after 1 hours at 29 gpm					
				Method of testing:					
				Grout type: Bentonite Volume					
				Depth: Fromft, Toft					
Include description or sketch of well location (include road names,			names,	Final pump intake depth: ft Model:					
buildings, etc.):				Pump size: hp Brand name:					
				Was well disinfected upon completion? ■ Yes No					
				Method of disinfection: Chlorine tabs					
				Was water quality tested? Yes No					
				Water quality parameters tested:					
				Well driller name: William Bean					
				Company name: E AND D WATER WELLS					
No th				Mailing address: 3530 W. Spence lane City: Wasilla State: AK Zip: 99623					
				Phone number: (907) 373 - 1598					
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/				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 .					
OR email electronic well logs to				City Permit Number: Date of Issue://					
· ·				Parcel Identification Number:					
dnr.water.reports@alaska.gov				Parcel Identification Number:					



E&D Water Wells

3530 West Spence Ln. Wasilla, AK 99623 (907) 373-1598 Fax: (907) 357-1598



Borough	Subdivision	Lot	Block	Section QTRS.	Section	Township	Range	Meridian		
MATSU	KNIKAHINU	TRI	2					Sewarn		
Location /	Sketch WELLA		Well Owner	Well Owner						
CLAS	SA	1								
		KNIK 1	KNIK TRIBAL COUNCIL							
Depths Meas	ured From: K Casing Top		Well Depth: Date Of Completion Depth of Hole:Ft. Depth of Casing:FtFt.							
Borehole Da	ta:	Depth of Hole:								
Material Typ	e & Color	Depth of Casing								
BROWN	SILTY GRAVES	0	12	Depth To Star			Ground S	urface		
BOULDERS				Ft. Below ☐ Top of Casing ☐ Ground Surface						
GRAYH	ARDRAN GRAVES	Date:	Date: // / 9 / 21							
GRAY HARDPAN GRAVES 20 48				Method Of Drill Other:	Method Of Drilling: X Air Rotary ☐ Cable Tool ☐ Other:					
SILTYSI	AND-GRAVEL	48	55	Use Of Well: ☐ Public Supply			n 🛮 Monito	or		
CLAY-	SILT	55	58	Casing Stick-Up Casing Type:						
SILTY 6	RAVEL-SAND	58	80	Well Intake Oper ☐ Perforated ☐			End Scr	reened		
GRAVE	-6									
5/174-	SAND-WATER	80	10,							
				Screen Type: Slot/Mesh Size:	2-100 SC	Diameter:	-/	In Ft		
				Gravel Pack Type: Depth to Top:						
				Grout Type: 20' SANNAMEY SCAC						
				Depth: From Ft Ft						
				Development Me	Development Method: #/R Duration: / HOUR					
				Pumping Level &	Pumping Level & Yield: Ft. After Hrs. Pumping 29gpm					
					Pump Intake Depth: Ft. Horsepower: Well Disinfected Upon Completion? Yes No					
CONTRAC	TOR INFORMATION:			REMARKS:						
Cin	111. 111			201	1011	0	. (7 .		
EDU	VATERWEUS	- 1	10	20 -10"SANITARY SEAL						
Registered Bus	siness Name	,	10'-1	10'-100SLOT SCREEN						
Mus	PITNER	11/9	121	51-	811	Clar	CORE	enl		
Signature of A	uthorization Representative		Date	-		0000	CHE			