

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: 5 / 26	/ 1975			<u> </u>			
City/Borough Subdivis							
Lower Yukon REAA <b>NON</b>	e		none	Mountain Village Pumphouse #2 AK,			
Well location: Latitude         Longitude           Meridian         S         Township         023N         Range         079W         Section         14         , 1/4 of 1/4 of 1/4 of 1/4 of 1/4         1/4         1/4         079W         No.         1/4         079W         1/4         079W         1/4         079W         1/4         079W         1/4         079W         1/4         07							
		Section					
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC			Well use:	nod: Air rotary, Cable tool, Other Public supply, Domestic, Reinjection, Hydrofracking ial, Observation/Monitoring, Test/Exploratory, Cooling,			
From To		☐Irrigation/Agriculture, ☐Grounding, ☐Recharge/Aquifer Storage,					
Sand and clay	0	26	Heating,	Geothermal Exploration, Other			
Gravel Broken rock	26	37	Fluids used				
Shale	37	52		le: 140 ft Casing stickup:ft			
Broken rotten rock	52	59		: Steel Casing thickness: inches neter: 6 inches Casing depth: 59 ft			
Hard shale rock	59	132		Depth: ft Diameter:inches			
Hard shale rock 50 GPM	132	134	Note:				
Fractured Zone	134	140	Well intake opening type: ☐ Open end,☐ Open hole, ☐ Other screened				
				e:, Screen mesh size: 30 t: 55ft, Screen stop: 65ft, Perforated Yes No			
				description: ft, Perf			
				ft, Perf from: ft, Perf to: ft			
			Gravel pack	ed ☐Yes ■No Gravel start: ft , Gravel stop: ft			
			Note:				
				(from top of casing): 6 ft on/ Artesian well /el & yield: 43 feet after 36 hours at 40 gpm			
			Method of to				
			Developme	nt method: Duration:			
				ate: gpm			
				Volume nft, Toft			
Include description or sketch of well location (include road names,				intake depth: ft Model:			
buildings, etc.):				hp_Brand name:			
				sinfected upon completion? Yes No			
				isinfection:			
				quality tested? Yes No			
			Water quali	ty parameters tested:			
			Company n	name:ame: Bordner, Estabrook and Wasky			
				ress:			
		North	City:	State: <u>AK</u> Zip:			
AQ 44 00 000(  \/ 4)			Phone num	ber: ()			
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 <b>45 days of well completion</b> . Well logs may be submitted using the online well log reporting system available at:  https://dnr.alaska.gov/welts/			Driller's sigr	nature:			
			Date:				
			that a copy or	lunicipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require f this well log be submitted to the Development Services Department/City s of well completion.			
OR email electronic well logs to			City Permit N Date of Issue	umber: ://			
dnr.water.reports@alaska.gov				ication Number:			

## WELL LOG

## U.S. PUBLIC HEALTH SERVICE, DIVISION OF INDIAN HEALTH

		75	WELL	
the manufacture of the property of the				(#7) DATE STARTED5/26/75
DATE COMP	LETED_	5/31/75		DRILLER Bordner, Estabrook and Wasky
				TALLED 59 DIAMETER 6"
GROUT	None	sc	REEN SIZE 30 Slot	MFG. Johnson LENGTH 10 '
STATIC WAT	TER LEV			D_36@_40GPM DRAWDOWN_43FT.
DEPTH	1		METER G DIAMETER FORMATION SAND AND CLAY	SOIL DATA TO 15 FT.  FEET THAWED  BOTTOM OF FROST & MATERIAL  SEASONAL OR PERMA FROST
20 C D M	26'	VAB		WATER DATA FIELD TEST
20 G.P.M.	37'	1 1 1 1 1 1	GRAVEL BROKEN ROCK SHALE	TASTEGOOD APPEARANCE FRESHCL FAR AFTER 24 HOURSCLEAR
10 GPM	52'	11(3/13/1	SHALL	IRON
P.M.	59'	FIN	BROKEN, ROTTEN ROCK	TDS
			Į¥ v	PUMP TEST STATIC LEVEL
			HARD SHALE ROCK	PUMPING LEVEL@ GPM  AFTER HRS.
	132'			HIGHEST RECOMMENDED PUMP RATE WILL STATIC LEVEL CHANGE WITH TIDES OR FROST
50 G.P.M.	134' 140'	41/11	FRACTURED ZONE	6" CASING TO 52', 5" LINER AND SCREEN TO 65'.
ESTIMATED			PRILLING	HOURS FOR TOTAL JOB
Sandy Marie Marie Marie Commenter Services				

## WATER WELL ANALYSIS -

