



STATE OF ALASKA 31332
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: / / Completed: 5 / 25 / 1997 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage	PARADISE VALLEY	B2	L02	TODD AND TAMMY HEBER ,

Well location: Latitude Longitude
Meridian S Township 011N Range 003W Section 11 , NW 1/4 of SW 1/4 of SW 1/4 of SW 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	To
fine sandy gravel with 35% brown clay binder. cobbles!	0	16
wet fine gravel at 17' and coarse gravel to 45'	16	45
coarse gravel with cobbles and 25% gray clay	45	98
hardpan and cemented gravel - dry material	98	179
a slightly wet/gummy gray clay. hard driving casing. cobbles!	179	235
wet sandy clay. 15% fine gravel. no aquifer.	235	246
wet fine gravel in gray clay material. milky gray water. 1.8 GPM	246	252
slightly wet fine gravel in brown clay. no aquifer of water	252	309
hardpan. not gray, but brown, with a red tint.	309	331
water bearing conglomerate. not bedrock, but broken rock material with water flowing through it. re	331	350

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



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

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: 350 ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: 331 ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: CASSED TO 331 FT

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

Screen type: _____, Screen mesh size: _____

Screen start: _____ ft, Screen stop: _____ 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): 310 ft on / / Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 5.5 gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: _____ 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: RAMPART DRILLING

Mailing address: _____

City: _____ State: AK Zip: _____

Phone number: () -

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**.

City Permit Number: _____

Date of Issue: / /

Parcel Identification Number: - -

RAMPART DRILLING WORKS

1201 Ramona St. 99515

ANCHORAGE, ALASKA**344-7714**

SIX INCH WATER WELL DRILLED -----OUT TO THE DEPTH OF 360 feet.
DRILLED AT THE RATE OF \$25.00 Monwater bearing from 350 to 360'
PER FOOT. Steel casing seated to 331' ft.

PROPERTY OWNER Mr. & Mrs. (Todd & Tammy) Heber. 345-9034. 227-8256LOCATION OF WELL SITE Lt. 2 Blk. 2 Paradise Valley Sub.DRILLER Bernie Claus of Rampart Drilling Works. 344-7714**WELL LOG:**0 - 16' Fine sandy gravel with 35% brown clay binder. Cobbles!16 - 45' Wet fine gravel at 17 feet & coarse gravel to 45 ft.45 - 98' Coarse gravel with cobbles & 25% gray clay.98 - 179' Hardpan. A cemented gravel. Dry material.179 - 235' A slightly wet/gummy gray clay. Hard driving casing. Cobbles!235 - 246' Wet sandy clay. 15% fine gravel. No aquifer.246 - 252' Wet fine gravel in gray clay material. Milky gray water. 1.8 gpm.252 - 309' Slightly wet fine gravel in brown clay. No aquifer of water.309 - 331' Hardpan. Not gray, but brown, with a red tint.331 - 350' A water bearing conglomerate. Not bedrock, but broken rock material with water flowing thru it. A reddish brown conglomerate water bearing material, high in iron oxide. (A water softener may be desired in the future.) A low water static recovery of 40 feet of bottom. 1 horsepower sub pump installed to 331 by AMP. Ridgway. 5.5 gpm continuous.\$1,500.00 initially paid on this well by Todd Heber. (We are charging for 300 feet, only.) \$25.00 x 300 ft: \$7,500.00. Pay \$6,000.00 by June 11, '97.) \$450.00 Hase pitless adapter installed (weld on) - No charge.Thank you, again. Ah! I will see you in the future.**COST INCLUDES ALL LABOR AND MATERIAL FOR COMPLETION OF SAID DRILLING.****WRITE CHECK PAYABLE TO RAMPART DRILLING WORKS FOR THE SUM OF \$6,000.00****THANK YOU VERY MUCH.**
BERNIE CLAUS OF RAMPART DRILLING WORKS**DATE** Sunday afternoon, May 25, 1997! It's about time!I will present a copy to the bank after June 11, 1997.
SERVICE CHARGE OF 1% PER MONTH WILL BE ASSESSED ON PAST DUE ACCOUNTS.