



STATE OF ALASKA 334
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 6 / 1 / 1980 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	HUNTLEY HEIGHTS		L06	JAMES JR WHITT ,

Well location: Latitude 61.613606000000004 Longitude -149.047113
Meridian S Township 018N Range 002E Section 35 , NE 1/4 of NW 1/4 of NE 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	To
topsoil and rocks	0	11
till, gray	11	35
clay	35	65
till, gray	65	84
sand and pea gravel, water-bearing	84	87
till, gray	87	95
gray till	95	165
gravel	165	175
clay and gravel	175	208
gravel, water-bearing	208	228

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

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: 228 ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: 228 ft

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

Note: _____

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

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): 208 ft on ____ / ____ / ____ Artesian well ☐

Pumping level & yield: 4 feet after 3 hours at 10 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: G. & G. 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: _____ - _____ - _____

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

334
SA 18-2-35-BABA-5

334

USGS locd / No: SA-018-002-35-BABA-005 ADL 40606

Location: Lot 6 Huntley Heights Subd,
N $\frac{1}{2}$ N $\frac{1}{2}$ N $\frac{1}{2}$ NW $\frac{1}{4}$ Sec 35, T18N, R2E, S $\frac{1}{2}$ N WATER WELL DRILLERS LOG

DO NOT FILL IN

DRILLING CO. G & G DRILLING CO. USGS NO. _____
DRILLER LEE H. COHR AREA _____
James H. Whitt Jr.
WELL OWNER JIM WHITT USE OF WELL HOME

Location (address of: Township, Range, & Section, if known; or distance from
Main Road LAZY MTN ROAD, 1 MILE FROM PALMER HWY

SIZE OF CASING 6" DEPTH OF HOLE 95 FEET Cased TO 95 FEET

STATIC WATER LEVEL 75 FEET (ABOVE) (BELOW) LAND SURFACE. FINISH OF WELL
CHECK ONE) OPEN END (): SCREEN (X): PERFORATED ().

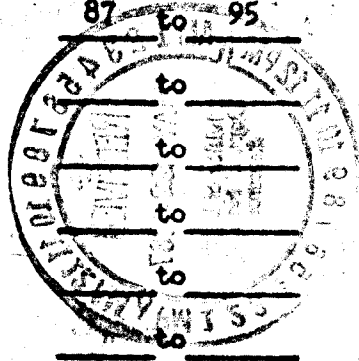
DESCRIBE SCREEN OR PERFORATIONS 14 FT - 4" PERFORATED PIPE

WELL PUMPING TEST AT 300 GALLONS PER (HOUR) (MINUTES) FOR 1 HOURS WITH 10
FEET OF DRAWDOWN FROM STATIC LEVEL.

REMARKS CASED 84 FT. WITH 6" CASING - CASED ~~XXXX~~ FROM 85 TO 95 WITH 4" CASING

Depth in feet from ground surface Give details of formations penetrated, size of material, color, and hardness.

<u>0</u> to <u>11</u>	<u>TOPSOIL & ROCKS</u>
<u>11</u> to <u>35</u>	<u>TILL, GRAY</u>
<u>35</u> to <u>65</u>	<u>CLAY</u>
<u>65</u> to <u>84</u>	<u>TILL, GRAY</u>
<u>84</u> to <u>87</u>	<u>SAND & PEA GRAVEL, WATER-BEARING</u>
<u>87</u> to <u>95</u>	<u>TILL, GRAY</u>



deepening of well to 228 ft (log follows)
because well went dry. owner says
water quality is poorer from the deeper
well

SA 18-2-35-BABA-5

WATER WELL DRILLERS LOG

DO NOT FILL IN

334

Drilling Co. G & G DRILLING CO.

USGS No. _____

Driller LEE H. COHR

Area _____

Well Owner JIM WHITT Jr.Use of Well HOME

Location (address of: Township, Range, & Section (if known); distance from road:

LAZY MTN. ROAD, PALMER, ALASKASize of Casing 6" Depth of Hole 228 feet. Cased to 228 feet.Static water level 208 feet (~~static~~) (below) land surface. Finish of well(check one) Open end (☒): Screen (): Perforated ().

Describe screen or perforations:

Well pumping test at 600 gallons per (hr) (~~min~~) for 3 hours with
4 feet of drawdown from static level.

Remarks _____

WELL LOG

Depth in feet from ground surface	Give details of formations penetrated, size of material, color, and hardness.
<u>0</u> to <u>95</u>	<u>OLD WELL</u>
<u>95</u> to <u>165</u>	<u>GRAY TILL</u>
<u>165</u> to <u>175</u>	<u>GRAVEL</u>
<u>175</u> to <u>208</u>	<u>CLAY & GRAVEL</u>
<u>208</u> to <u>228</u>	<u>GRAVEL, WATER-BEARING</u>
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____

SA 18-2-35 0484 1-5

cc: D665
12/19/80

18N, R.2E

Lots 5 and 6, Huntley Heights Subdivision, Alaska Ranches, N $\frac{1}{2}$ N $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 35, T18N, R2E, S.M. 1978 Tax Map (Palmer)

