84014

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: ___/___/_____ Completed: 3 / 24 / 2004 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	PERISH PARCEL	1	5	Ken Gitlein ,

Well location: Latitude 61.56099999999998 **Longitude** -149.29233
Meridian S Township 017N Range 001E Section 16 , NE 1/4 of SE 1/4 of NW 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	Depth To
gravel	0	30
sand	30	65
clay	65	95
sand and gravel	95	101

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

North

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: 101 ft Casing stickup: 2 ft
Casing type: steel Casing thickness: .25 inches
Casing diameter: 6 inches Casing depth: 95 ft
Liner type: _____ Depth: _____ ft Diameter: _____ inches
Note: _____

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened
Screen type: jonsons, Screen mesh size: .010
Screen start: 95 ft, Screen stop: 101 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): 41 ft on ___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 50 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: PIONEER PACIFIC.....
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: _____-_____-_____

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

(1.) OWNER:

Name Ken Gittlein

Address

(2.) TYPE OF WORK (check):

New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment describe procedure in Item 12.

(3.) TYPE OF WELL:

Rotary Air ☑ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Board ☐

(4.) PROPOSED USE (check):

Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐
Withdrawal ☐ Reinjection ☐
Thermal:

(5.) CASING INSTALLED: Steel ☑ Plastic ☐ Threaded ☐ Welded ☑

6 "Diam. from 2 ft. to 95 ft. Gauge .250

"Diam. from ft. to ft. Gauge

LINER INSTALLED:

"Diam. from ft. to ft. Gauge

(6.) PERFORATIONS: Perforated? ☐ Yes ☑ No

Type of perforator used

Size of perforations in. by in

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7.) SCREENS: Well Screen Installed? ☑ Yes ☐ No

Manufacturer's Name Johnsons

Type Model No.

Diam. 5 Slot Size .010 Set From 95 ft. to 101 ft.

Diam. Slot Size Set From ft. to ft.

(8.) WELL TESTS: Breakdown is amount water level is lowered below static level

Yield gal./min. with ft. drawndown after hrs.

Yield gal./min. with ft. drawndown after hrs.

50 gal./min. with drill stem at ft. hrs.

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name PIONEER PACIFIC Wasilla, AK 99654

Address 3564 Ultramingo

(Signed) Ray Fuesser

Date March 24 04

6732 AST 4-9-98

(10.) LOCATION OF WELL:

Borough Mat-Su Driller's well number

¼ ¼ Section T R W.M.

Tax Lot # 2514 B01 L004

Address at well location: 2010 S Church ST.

(11.) WATER LEVEL: Completed Well

ft.

Static Level 41 ft. Below land surface. Date

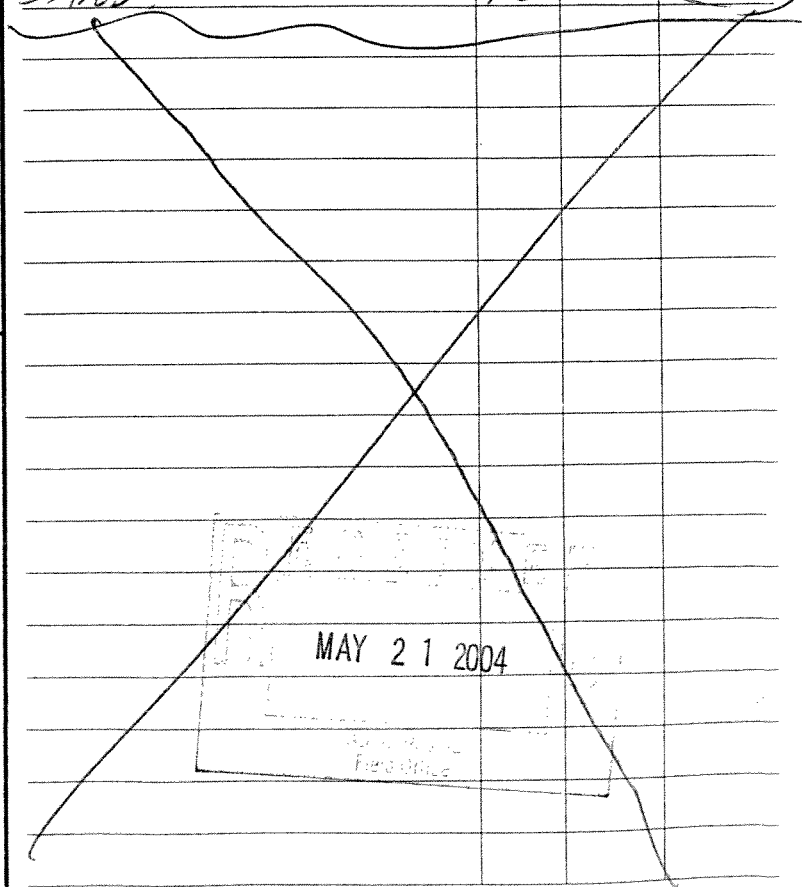
Artesian pressure lbs. per square inch. Date

(12.) WELL LOG:

Depth drilled 101 ft. Depth of completed well 101 ft.

Formation: *Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	FROM	TO	SWL
Gravel	0	30	
SAND	30	65	5 GPM
Clay	65	95	
SAND & Gravel	95	101	50 GPM



Completed date: March 24 04