32899

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: 6 / 4 / 2007 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough				T ANGEL ,

Well location: Latitude _____ **Longitude** _____
Meridian S Township 016N Range 003W Section 30 , SW 1/4 of SE 1/4 of _____ 1/4 of _____ 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

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

North

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: 201 ft Casing stickup: _____ft
Casing type: _____ Casing thickness: _____ inches
Casing diameter: _____ inches Casing depth: 201 ft
Liner type: _____ Depth: _____ ft Diameter: _____inches
Note: FULL CASE

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): 120 ft on___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 7+ 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: WAYNE WESTBERG
Company name: M-W DRILLING
Mailing address: PO BOX 110378
City: ANCHORAGE State: AK Zip: 99511
Phone number: (907) 945 - 3287
Driller's signature: _____
Date: _____/_____/_____

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

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

328799

M-W Drilling, Inc.

♦P.O. Box 110378♦Anchorage, AK 99511♦
♦907-345-4000 ♦ 907-345-3287 Fax♦

Job No. 07-126

GROUNDWATER WELL AS-BUILT & LOG

Well Owner: Thomas Angel, Triple A Builders **Use of Well:** Domestic
Legal Description: SW Quarter of SE Quarter, Section 30, Township 16N, Range 3W, Seward Meridian
Pt. McKenzie Rd. & Goose Creek Rd., Wasilla

CONSTRUCTION

Hole Depth: 201' **Casing Size:** 6" **Cased To:** 200.33 **Material:** A 53 Steel
Drill Method: Air Rotary **Wall:** 0.250"

Well Completion: **Open end** X **Screen** __ **Perforated** ____ **Perf. Method:** ____
Screen/ Perforation description: ____
Grout Notes: 2 Sacks of No. 8 Bentonite granules
Notes: ____
Disinfected: No **Method:** ____
Well Development Method Air Surge
Notes: ____
Static water level (SWL) 120' **below top of casing (TOC).**
Well yield test at 7-10 **gallons per minute (GPM) for** 1 **hour(s) with** 100% **of drawdown (DD) from static level(SWL).**
Method: Air lift
Start Date: June 4, 2007 **Completion Date:** June 6, 2007
Pump Install Date: ____

WELL LOG

Depth in feet from top of casing.			Details of formations penetrated, size of material, color and miscellaneous details.
0	TO	2.5	Casing Stick Up
2.5	TO	3.5	Fill: Gravel
3.5	TO	94	Gravel: Cobbley, Very Loose
94	TO	118	Sand: w/some Gravel
118	TO	131	Sand: Wet, Runny
131	TO	197	Clay: Dark Grey w/some gravel
197	TO	201	Sandy Gravel: Water
	TO		
	TO		
	TO		
	TO		
	TO		
	TO		
	TO		
	TO		
	TO		