21538

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: 8 / 30 / 1990 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage	SUNNY KNIK ACRES	B2	L03	BRIAN JOHNSON ,

Well location: Latitude _____ **Longitude** _____

Meridian S Township 016N Range 003W Section 24 , _____ 1/4 of _____ 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

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: 91 ft Casing stickup: _____ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: _____ ft

Liner type: _____ Depth: _____ ft Diameter: _____inches

Note: _____

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): _____ ft on____/____/_____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at _____ 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: DELTA 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: _____-_____-_____

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

21538

WATER WELL RECORD
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURES
Division of Geological & Geophysical Surveys

[redacted]

Drilling Permit No. _____
A.D.L. No. _____

LOCATION OF WELL (Please complete either Ia, Ib or Ic.)

Ia. Borough	Subdivision	Lot	Block	Ib. 1/4 qtrs.	Section No.	Township N☐ S☐	Range E☐ W☐	Meridian
GAAB	Sunny	3	2	___of___of___of___				

Ic. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

Street Address and Area of Well Location

3. OWNER OF WELL:
Address: Brian & Lisa Johnson
11730 Trails End.
Anch. AK. 99516

2. WELL LOG

Material Type	Feet Below Surface Top	Bottom
Very Hard Sand Gravel & Silt	1	48
Soft Tan Sand & gravel &	48	60
Some water 2 GPM @ 58'		
Soft Tan Sand & Some Water	60	73
4 GPM @ 68'		
Hard Sand & Gravel	73	81
Soft Tan Sand & Bedrock	81	90
@ 91'		
Perf. Between 65' &		
71'		

4. WELL DEPTH: (final) 91 ft.

5. DATE OF COMPLETION 8-30-90

6. ☒ Cable tool ☐ Rotary ☐ Driven ☐ Dug ☐ Auger ☐ Jetted ☐ Bored ☐ Other:

7. USE: ☒ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☐ Commerical ☐ Test Well ☐ Other:

8. CASING: ☐ Threaded ☒ Welded
diam. 6 in. to 91 ft. Depth Weight 17 lbs./ft.
diam. ____ in. to ____ ft. Depth Stickup 2½ ft.

9. FINISH OF WELL:
Type: Open Diameter:
Slot/Mesh Size: Length:
Set between ____ ft. and ____ ft.
Backfilling ____ Gravel pack ____

10. STATIC WATER LEVEL: 31 ft. 8/31/90 Date
☐ Above or ☒ Below land surface
Equipment used: Tape

11. PUMPING LEVEL below land surface and YIELD
35 ft. after 1 hrs. pumping 7 g.p.m.
____ ft. after ____ hrs. pumping ____ g.p.m.

12. GROUTING Well Grouted: ☐ Yes ☒ No
Material: ☐ Neat Cement ☐ Other:

13. PUMP: (if available) HP
Length of Drop Pipe ____ ft. capacity ____ g.p.m.
☐ Subm. ☐ Jet ☐ Centrifical ☐ Other

14. REMARKS:

15. Water Temperature ____° ☐ F ☐ C

16. WATER WELL CONTRACTOR'S CERTIFICATION:

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

Delta Drilling — Registered Business Name
AA 4059 — Contract License Number
Address: HC-30 Box 5310 Wasilla AK.
Signed: _____ Date: 9/1/90
Authorized Representative

USGS Local No. SB 16-3-

Form 02-WWR (11/81) Copy Distribution: WHITE - State DGGS, PINK - Driller, CANARY - Customer