13059

# 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 / 18 / 1986 Pump Install: ____/____/_____

| City/Borough | Subdivision | Block | Lot | Property Owner Name & Address |
|---|---|---|---|---|
| Municipality of Anchorage | MOUNTAIN PARK ESTATES 2 | B08 | L06 | JAMES ALLIASON , |

**Well location: Latitude** _____ **Longitude** _____

Meridian S Township 012N Range 003W Section 26 , SW 1/4 of SE 1/4 of NE 1/4 of NE 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 |
|---|---|---|
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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: 173 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: FOSS 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

/3059

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

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 |
|---|---|---|---|---|---|---|---|---|
| Anch. | Mt. Park | 6 | 8 | —of—of—of— | | | | |

Ic. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

Street Address and Area of Well Location

3. OWNER OF WELL: James Alliason
Address: 8400 Hartzell Rd.
Anch., Ak. 99507

2. WELL LOG

| Material Type | Feet Below Surface Top | Bottom |
|---|---|---|
| Alluvium: brown color, medium hardness. | 0 | 10 |
| Alluvium: grey color, medium hardness. | 10 | 95 |
| Till: grey and hard. | 95 | 100 |
| Alluvium: grey color, medium hardness. | 100 | 160 |
| Till: grey and hard. | 160 | 165 |
| Alluvium: grey color, medium hardness, and water saturated. | 165 | 172 |
| Sand: brown color, with water; 6 gpm. | 172 | 173 |

4. WELL DEPTH: (final) 173 ft.

5. DATE OF COMPLETION 8 - 18 - 86

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 173 ft. Depth Weight 17 lbs./ft.
diam. ____ in. to ____ ft. Depth Stickup ____ ft.

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

10. STATIC WATER LEVEL: 160 ft. 8/18/86 Date
☐ Above or ☒ Below land surface
Equipment used: sand line

11. PUMPING LEVEL below land surface and YIELD
169 ft. after 2 hrs. pumping 6 g.p.m.
____ ft. after ____ hrs. pumping ____ g.p.m.

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

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;

Foss Drilling — Registered Business Name
AA 758 — Contract License Number

1336 Ingra Anch., Ak. 99501

Signed: Dale C. Foss — Authorized Representative
Date: 8/18/86

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

USGS Local No. SB 12-3-26 AADC