# 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 / 23 / 1981 Pump Install: ____/____/_____

| City/Borough | Subdivision | Block | Lot | Property Owner Name & Address |
|---|---|---|---|---|
| Municipality of Anchorage | DEER PARK ESTATES | B3 | L05 | TERRELL BAILEY , |

**Well location: Latitude** _____ **Longitude** _____
Meridian S Township 015N Range 001W Section 4 , SE 1/4 of NW 1/4 of SE 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 | 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: 82 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: COTTEN-MAGNUSON 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

RETURN TO: Division of Geological and Physical Surveys (DGGS)
3001 Porcupine Drive (Telephone: 277-6615)
Anchorage, Alaska 99501

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JUN 4 1982
Div. of Geological Survey
Anchorage

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES

1358

051-042-43

# WATER WELL RECORD

Drilling Company Name: Cotten-Magnuson Drilling

U.S.G.S. Local No.

A.H.D. No.

LOCATION OF WELL — Please complete either A, B, or C.

| 1a. Borough | Subdivision | Lot | Block | 1b. Fraction | Section No. | Township | Range | Meridian |
|---|---|---|---|---|---|---|---|---|
| Anch. | Deer Park | 5 | 3 | NW¼ | 4 | 18 N WHS | 1 W SAM | SM |

1c. Distance and Direction from Road Intersections

Street Address and Area of Well Location

3. OWNER OF WELL: Mr. Terrell Bailey
Address: PETER CK.

| 2. WELL LOG — Material Type | Feet Below Surface: Top | Bottom |
|---|---|---|
| Gravel | 0 | 45 |
| Sandy gravel | 45 | 67 |
| Clay | 67 | 80 |
| Sandy gravel, water | 80 | 82 |

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DEPT OF HEALTH & ENVIRONMENTAL PROTECTION
MAR 23 1982
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4. WELL DEPTH: (completed) 82 ft. | Surface Elevation ---- | Date of Completion [illegible]

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

6. USE: ☒ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☐ Commercial ☐ Test Well ☐ Other:

7. CASING: ☐ Threaded ☒ Welded
_____ in. to (?) ft. Depth Weight _____ lbs/ft.
_____ in. to _____ ft. Depth

8. FINISH OF WELL: end
Type: Open Hole Diameter:
Slot/Mesh Size: Length:
Set between ft. and ft.
Fittings:

9. STATIC WATER LEVEL: (?) ft.
☐ Above ☐ Below land surface
Type of Measurement:

10. PUMPING LEVEL below land surface
_____ ft. after _____ hrs. pumping _____ g.p.m.
_____ ft. after _____ hrs. pumping _____ g.p.m.

11. WELL HEAD COMPLETION: ☐ In Approved Pit ☐ Pitless Adapter _____ inches above grade

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

13. PUMP: (If available) HP
Length of Drop Pipe _____ ft. capacity _____ g.p.m.
Type: ☐ Submersible ☐ Reciprocating ☐ Jet ☐ Other:

14. REMARKS:
Hole tested 5 D [illegible]

15. 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:

Cotten-Magnuson Drilling 688-3149 694-0121 AK 5385
Registered Business Name Contract License Number

Address: P.O. Box 504 Eagle River, Ak. 99577

Signed: William M Cotten Date: June 23, 1982
Authorized Representative

Form 02-WWR Copy Distribution: WHITE - State DGGS, PINK - Driller, CANARY - Customer

LOCAL NO. [illegible]
USGS SITE ID 612518 149 28 0301

SB 15-14 BBBD-17