



STATE OF ALASKA 33671
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: / / Completed: 11 / 9 / 2009 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	USS 3365			LOWELL POINT COMMUNITY COUNCIL ,

Well location: Latitude 60.072283 Longitude -149.445983
Meridian S Township 001S Range 001W Section 22 , SW 1/4 of SW 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	To
sandy gravel, cobbles, few boulders	0	10
sandy gravel grey, some brown	10	13
sand, gravel, cobbles (fewer)	13	22
sandy gravel, cobble layers. water 33-34	22	34
2" minus sand, gravel and some cobbles	34	45
gravel, cobbles, less sand	45	52
3" minus sand, gravel, some cobbles	52	65
sandy gravel at least 3" minus. cobbles at intervals.	65	77

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

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: 80 ft Casing stickup: 3 ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: 71.5 ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: CASE TO 71.5 FT, SCREEN TO 80 FT

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened

Screen type: _____, Screen mesh size: .04

Screen start: 71.5 ft, Screen stop: 80 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): 36.8 ft on 11 / 11 / 2009 Artesian well ☐

Pumping level & yield: 36.71 feet after 1 hours at 66 gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: bentonite Volume 4 sacks

Depth: From _____ ft, To _____ ft

Final pump intake depth: 65 ft Model: _____

Pump size: 3 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: WOODROW 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: - -

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 & CONSTRUCTION
GENERAL CONTRACTOR



LOCATION OF WELL

(Please complete either 1a, 1b or 1c.)

LPEC Well #2

1a. Borough <u>Kenai</u>	Subdivision	Lot	Block	1b. 1/4 qtrs. — of — of — of —	Section No. <u>21/22</u>	Township N <u>1</u>	Range <u>5</u>	E <u>W</u>	Meridian <u>Seward</u>
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1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

LPEC Lease Parcel U553365
Penny Hardy Replat Tract D

Street Address and Area of Well Location

3. OWNER OF WELL: Lowell Point Community

Address: PO Box 709
Seward AK 99664

2. WELL LOG

Material Type	Feet Below Surface	
	Top	Bottom
Stick-up	0	3
Sandy gravel, cobbles, few boulders	3	13
Sandy gravel gray, some brown	13	16
Sand, gravel, cobbles (fewer)	16	25
Sandy gravel, cobble layers H ₂ O 36-37	25	37
2" minus shale sand & gravel some brown 37-38 wet	37	48
Gravel, cobbles less sand	48	55
3" minus sandy gravel some cobbles	55	68
Sandy Gravel at least 3" minus Cobbles at intervals	68	80

Well developed by air method: pump/burge/pump
Partial developing @ 54' bbl and
75'-80' shows rapid clearing and
no odor at 50 gpm open end

Grout surface seal 4 sacks 3'-36'

4. WELL DEPTH: (final)

80 ft.

5. DATE OF COMPLETION

11-9-09

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

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

8. CASING: ☐ Threaded ☒ Welded .25 wall
diam. 8 in. to 71.5 ft. Depth Weight lbs./ft.
diam. in. to ft. Depth Strickup 3 ft.

9. FINISH OF WELL: Johnson Stainless
Type: Screen Diameter: 8" Tele.
Slot/Mesh Size: .040 Length: 10' Parker
Set between 71.5 ft. and 80 ft. 8-5'
Backfilling Gravel pack Reveal

10. STATIC WATER LEVEL: 36.79 ft. 11/11/09

☐ Above or ☒ Below land surface Date
Equipment used: Top of casing 09:03
Electric Sounder

11. PUMPING LEVEL below Top of casing and WELD
* 36.71 ft. after 1 hrs. pumping 66 g.p.m.
37.38 ft. after 23.1 hrs. pumping 66 g.p.m.

12. GROUTING Well Grouted: ☒ Yes ☐ No 4 sacks
Material: ☐ Neat Cement ☐ Other: Benomite

13. PUMP: (if available) HP 3
Length of Drop Pipe 65 ft. capacity 105 g.p.m.
☒ Subm. ☐ Jet ☐ Centrifugal ☐ Other

14. REMARKS:
* Well is affected by tidal action.
Max. variation in H₂O level during
observation 11/11-12/09 = 36.8' - 37.9'

15. Water Temperature 38.8 ☒ F ☐ C

16. WATER WELL CONTRACTOR'S CERTIFICATION:

WOODROW DRILLING & CONSTRUCTION

P.O. BOX 917

This well was drilled by SEWARD, ALASKA 99664

PH. 907-224-5602

BOB JONES, OWNER

, or it is true to the best of my knowledge and belief;

Contract License Number 10830

Address:

Signed: Bob JonesDate: 11/13/09