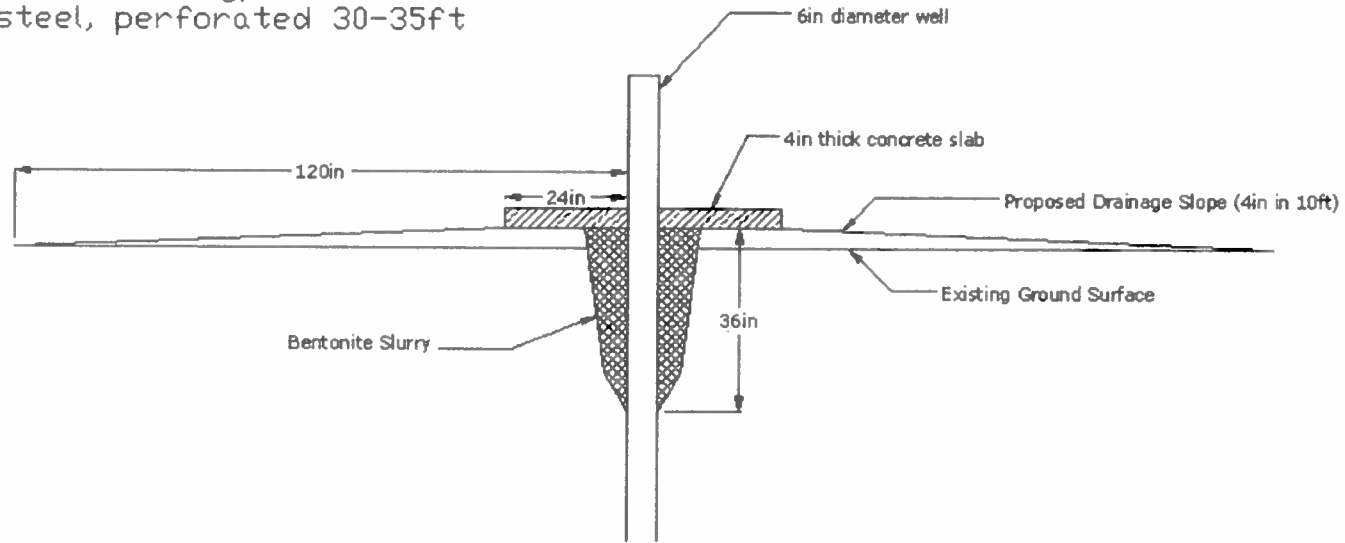


Well Specs:
 Depth: 35ft
 Date Drilled: 16 May 2006
 Pump: Goulds 18GS15, 23gpm @86ft
 Casing: 6" steel, perforated 30-35ft



Lifewater Engineering Co

1963 Donald Ave Phone (907) 458-7024
 Fairbanks, AK 99701 Fax (907) 458-7025

Project:
 Hez Ray Sports Complex PWS

Location:
 Fairbanks, Alaska 99701

Drawing:

Hez Ray- Well Detail

Design:	Drawing: BKH
Date: 27AUG2011	Proj. No.: 1207
Revision:	Figure: 3

ARCTIC DRILLING, INC.

P.O. BOX 58317

FAIRBANKS, ALASKA 99711

Phone: (907) 451-8706 Fax: (907) 452-4465

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF MINING, LAND & WATER

WATER WELL RECORD

Drilling Started: 4 / 24 / 2012, Completed: 4 / 24 / 2012

Legal Description:		BLOCK	LOT	Property Owner Name & Address:	
City/Borough:	Subdivision:			Golden Heart Softball Association	
FNSB				HEZ RAY Ball Field	
Meridian _____ Township _____ Range _____		Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4 of _____ 1/4			
BOREHOLE DATA: (from ground surface)		Depth		Drilling method: <input type="checkbox"/> Air rotary, <input type="checkbox"/> Cable tool <input type="checkbox"/> Other _____	
Material: Type, Color & wetness		From	To	Well use: <input checked="" type="checkbox"/> Public supply, <input type="checkbox"/> Domestic, <input type="checkbox"/> Other _____	
Black sand		35	40	Depth of hole: _____ ft, Casing stickup: <u>2</u> ft	
Gray gravel/water		40	50	Casing type: <u>STEEL</u> Thickness <u>.250</u> inches	
Brown gravel/ water		50	55	Casing diameter: <u>6</u> inches Casing depth _____ ft	
Sandy layer		55	56	Liner type: _____ Diameter: _____ inches Depth: _____ ft	
Grey gravel and water		56	60	Static water (from top of casing): <u>12</u> ft on <u>4 / 24 / 2012</u>	
				Pumping level & yield: <u>15</u> feet after <u>24</u> hours at <u>30</u> gpm	
				Recovery rate: <u>30</u> gpm, Method of testing: <u>Pump test</u>	
				Development method: <u>AIR SURGE</u> Duration: <u>.5 HOURS</u>	
				Well intake opening type: <input type="checkbox"/> Open end <input type="checkbox"/> Open hole	
				<input type="checkbox"/> Screened; Start: <u>N/A</u> ft, Stopped _____ ft	
				Screen type: _____ Slot/mesh size _____	
				<input checked="" type="checkbox"/> Perforated; Start: <u>53</u> ft, Stopped <u>58</u> ft	
				Start: _____ ft, Stopped _____ ft	
				Note:	
				Grout type: <u>Baroid Benseal</u> Volume <u>2</u> cf	
				Depth; from <u>0</u> ft, to <u>20</u> ft	
				Pump intake depth: <u>30</u> ft	
				Pump size <u>2</u> hp Brand name <u>Goulds</u>	
				Was well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
				Method of disinfection:	
				Driller comments/ disclaimers:	
				<u>Pump tested well for 24 hours after drilling, no sand and very little drawdown</u>	
				
				Well driller name: <u>Dan Brotherton</u>	
				Company name: <u>ARCTIC DRILLING, INC.</u>	
				Mailing address: <u>P.O. BOX 58317</u>	
				City: <u>FAIRBANKS</u> State: <u>AK</u> Zip <u>99711</u>	
				Phone number: (<u>907</u>) <u>451</u> - <u>8706</u>	
				Drillers signature:	
				Date: <u>4 / 24 / 2012</u>	

State law requires that a copy of this well log be submitted to the state of Alaska within 45 days. **CITY OF ANCHORAGE ONLY**

(Alaska statutes: 38.05.020, 38.05.035, 41.08.020, 46.15.020 and regulations 11 AAC 93.140.)

DNR/DIVISION OF MINING, LAND & WATER

550 West 7th Ave., Suite 900A

ANCHORAGE AK 99501-3577

Phone (907)269-8503, Fax (907) 269-8947

The City of Anchorage requires that a copy of this log be sent to the city within 60 days and a copy of this log be sent to the owner of the property on which the well is located within 30 days.

REQUIRED BY THE CITY OF ANCHORAGE ONLY:

Permit Number: _____

Date of Issue: ____/____/____

Parcel Identification Number: _____ - _____ - _____

Is well located at approved permit location? Yes No