

**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING & WATER MGMT
WATER WELL RECORD**

TRANSCRIPT OF ORIGINAL
(CVAS Too Poor to read!)

Drilling Started: 1 / 1 / , Completed: 7 / 5 / 84

24623

Legal Description:		BLOCK	LOT	Property Owner Name & Address:			
City/Borough:	Subdivision:			US PHS			
KOLIGANEK	BLUFF #2						
Meridian	Township	Range	Section	¼ of	¼ of	¼ of	¼ of
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 _____			
Brown Silt		0	20	Depth of hole: <u>82</u> ft, Casing stickup: _____ ft			
Boulders		20	25	Casing type: <u>Steel</u> Thickness _____ inches			
Clay		25	40	Casing diameter: <u>6"</u> inches Casing depth _____ ft			
Boulders		40	55	Liner type: _____ Diameter: _____ inches Depth: _____ ft			
Clay		55	60	Static water (from top of casing): <u>55</u> ft on <u>7/5/84</u>			
Boulders		60	63	Pumping level & yield: <u>58</u> feet after <u>12</u> hours at <u>30</u> gpm			
Clay		63	82	Recovery rate: _____ gpm, Method of testing: _____			
(?)				Development method: _____ Duration: _____			
Sand				Well intake opening type: <input type="checkbox"/> Open end <input type="checkbox"/> Open hole			
				<input type="checkbox"/> Screened; Start: <u>75</u> ft, Stopped <u>82</u> ft			
				Screen type: <u>Johnson</u> Slot/mesh size <u>30 x 20 slot</u>			
				<input type="checkbox"/> Perforated; Start: _____ ft, Stopped _____ ft			
				Start: _____ ft, Stopped _____ ft			
				Note: <u>2nd slot: 72-75ft, 3rd slot: to 82ft</u>			
				Grout type: _____ Volume _____			
				Depth; from <u>10ft</u> ft, to _____ ft			
				Pump intake depth: _____ ft			
				Pump size _____ hp Brand name _____			
				Was well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No			
				Method of disinfection: _____			
				Driller comments/ disclaimers: _____			
				<u>Prod. Mercano: 72-75, 75-82ft</u>			
				<u>Prod 4-6ft</u>			
				<u>Non T.I.P.A.C.</u>			
				Well driller name: <u>STEVE St. Anthony</u>			
				Company name: _____			
				Mailing address: _____			
				City: _____ State: <u>AK</u> Zip _____			
				Phone number: (_____) _____ - _____			
				Drillers signature: _____			
				Date: <u> 1 / 1 / </u>			

SCS-47

State law requires that a copy of this well log be submitted to the state of Alaska within 45 days. Faxes are acceptable. (Alaska statutes: 38.05.020, 38.05.035, 41.08.020, 46.15.020 and regulations 11 AAC 93.140.)

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.

DNR/DIVISION OF MINING & WATER MGMT
3601 C St, Suite 800
ANCHORAGE AK 99503-5935
Phone (907)269-8639, Fax (907)562-1384

Required by the City of Anchorage:
Permit Number: _____
Date of Issue: 1 / 1 /
Parcel Identification Number: _____
Is well located at approved permit location? Yes No

U.S. PUBLIC HEALTH SERVICE, DIVISION OF INDIA, HEALTH

LOCATION Koliganth Well #2 on Bluff DATE STARTED 6/25/84
 DATE COMPLETED 7/5/84 DRILLER Steve Sp. Auding
 TOTAL DEPTH OF WELL 82' FT. CASING INSTALLED 72' DIAMETER 6"
 GROUT 10' SCREEN SIZE 30 slt 20 slt MFG Johnson LENGTH 11' 8"
 STATIC WATER LEVEL 55' HRS. PUMPED 12 @ 30 GPM DRAWDOWN 5' 3" FT.

1/3 of
SING DEPTH

HOLE DIAMETER	CASING DIAMETER	FORMATION
		Down till
		from 0 to
		20'
		Soil boulders
		at 20'
		get stuck in
		clay at 25'
		have clay from
		25 to 40
		Soil another
		bould at 40'
		get through
		boulders at
		50'
		hit patch of
		clay to 60'
		hit water at
		63' 30 slt
		and to 80'
		set assume
		30 slt at 75'
		to 82'
		20 slt from
		75 to 79'

SOIL DATA TO 15 FT.
 FEET THAWED Seasonal Frost from 45 to 6'
 BOTTOM OF FROST & MATERIAL
 SEASONAL OR PERMA FROST

WATER DATA FIELD TEST
 TASTE _____
 APPEARANCE FRESH _____
 AFTER 24 HOURS _____
 IRON _____
 CHLORIDES _____
 TDS _____

PUMP TEST 55' STATIC LEVEL
 PUMPING LEVEL 59' 3" @ 30 GPM
 AFTER 12 HRS.

HIGHEST RECOMMENDED PUMP RATE
 WILL STATIC LEVEL CHANGE WITH
 TIDES No OR FROST _____

DEVELOP PROCEDURE Surge

ESTIMATED MAN HOURS FOR DRILLING 600 HOURS FOR TOTAL JOB 120

CREW Steve Sp. Auding