



WELL #1 DATA (RESERVE WELL)

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER  
WATER WELL LOG

Drilling Started: 9 / 18 / 2011 , Completed: 9 / 20 / 2011

City/Borough:	Subdivision:	BLOCK	LOT	Property Owner Name & Address:
DNP - Denali	Wonder Lake #1			National Park Service 240 West 5th Ave Anchorage AK 99501
Meridian	Township	Range	Section	1/4 of 1/4 of 1/4 of 1/4
<b>BOREHOLE DATA:</b> (from ground surface) Depth				Drilling method: <input checked="" 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 _____
Gravels, Styrofoam, and pad material	0	3		Depth of hole: 85 ft, Casing stickup: 1.5 ft
Sandy dark brown gravel	3	5		Casing type: Steel Thickness .250 inches
Rock (cobble), gray	5	6		Casing diameter: 6 inches Casing depth 78 ft
Sandy gravel and fractured rock, gray	6	9		Liner type: _____ Diameter: _____ inches Depth: _____ ft
Dark gray shale	9	13		Note: _____
Sandy gravel and gray fractured rock	13	31		Static water (from top of casing): 75 ft on 9 / 20 / 2011
Brown sandy and washed gravel, moist	31	36		Pumping level & yield: 76.4 feet after 4 hours at 14.5 gpm
Brown clay, moist	36	49		Recovery rate: 14.5 gpm, Method of testing: 3 hp pump
Gray hardpan (silty, sand and gravel)	49	60		Development method: pumping Duration: 4 hours
Brown clay gravel and water	60	62		Well intake opening type: <input checked="" type="checkbox"/> Open end <input type="checkbox"/> Open hole, Other <input type="checkbox"/>
Brown gravel and silty water	62	74		<input checked="" type="checkbox"/> Screened; Start: 78 ft, Stopped 83 ft
Coarse washed gravel and water	74	83		Screen type: Stainless Steel Slot/mesh size 10 slot
Silty gravel, less water	83	85		<input type="checkbox"/> Perforated; Start: _____ ft, Stopped _____ ft
				Start: _____ ft, Stopped _____ ft
				Gravel packed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft to _____ ft
				Note: _____
				Grout type: Granular casing seal Volume 5 sacks
				Depth; from 0 - ground surface ft, to 10 ft
				Pump intake depth: _____ ft
				Pump size _____ hp Brand name _____
				Was well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
				Method of disinfection: 50 PPM Chlorine washed in from surface
				Driller comments/ disclaimers: _____
				_____
				Well driller name: Travis Denevan
				Company name: Valley Well Drilling
				Mailing address: PO Box 3253
				City: Palmer State: AK Zip 99645
				Phone number: ( 907 ) 373 - 4855
				Drillers signature: <i>Travis Denevan</i>
				Date: 9 / 27 / 2011

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

Alaska DNR, Division of Mining, Land and Water,  
550 W 7<sup>th</sup> Avenue, Suite 1020  
Anchorage, AK 99501-3562

Phone (907)269-8639 and fax (907)269-8947

If the well is within city limits, the City of Anchorage requires that a copy of this well log be forwarded to the city within 60 days and another copy of this log be forwarded to the owner of the property, on which the well is located, within 30 days.

City Permit Number: \_\_\_\_\_

Date of Issue: \_\_\_\_/\_\_\_\_/\_\_\_\_

Parcel Identification Number: \_\_\_\_\_

Is well located at approved permit location? Yes  or No