

**M-W Drilling, Inc.**

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Job No.: 02 - 107 Project No.: ANTHC-02-C-0186 Permit No. N/A**Groundwater Well As-Built & Log**♦ Well Owner: Village of Old Kasigluk ♦ Use of Well: Public♦ Legal Description: US Survey 8466, Tract 1Wellsite No. 2 as Washeteria - Old Kasigluk, Alaska**Construction**♦ Hole Depth: 180' ♦ Casing Size: 8" ♦ Cased To: 166.66' ♦ Material: A 53 Steel♦ Drill Method: Cabletool♦ Well Completion- Open end Screen X Perforated Perf. Method:♦ Screen description: K-packer & 7" Riser: 163.2'-168.25'; 8T, 0.010" slot 304 SSS: 168.25' - 173.52'; 7" Tailpipe & plate bottom to 179'♦ Grout Notes: (35) Sacks- No. 8 bentonite granules placed in annulus between 12" hole & 8" casing♦ Well Development: Method: Mechanical Surge Notes: Water apparently clean and good quality♦ Static water level (SWL) 10.8' (above) (below) top of casing (TOC).♦ Well yield test at 55 gallons per minute (GPM)/ gallons per hour (GPH) for 24 hours with 25.12' of drawdown (DD) from static level (SWL).♦ Method: Submersible pump♦ Date of completion: 05 June 2003 ♦ Pump Install: \_\_\_\_\_**Well Log**

Depth in feet from top of casing.	Details of formations penetrated, size of material, color and hardness.
0 TO 3	Casing stickup
3 TO 9	Organics
9 TO 35	Clay with organics: frozen
35 TO 37	Clay: gray, frozen
37 TO 70	Sandy silt: hard frozen- slower drilling
70 TO 115	Silty sand: frozen
115 TO 166	Sandy silt: occasional small gravel seams, frozen
166 TO 178	Water sand: slightly gravelly
178 TO 180	As above: little finer, slightly silty
TO	
TO	
TO	
TO	
TO	
TO	
TO	

*Handwritten Signature*

NWWA Certified Contractor  
Certificate No's. 814 & 973