

M-W Drilling, Inc.

♦ P.O. Box 110389 ♦ Anchorage, AK 99511 ♦
♦ 907-345-4000 ♦ 907-345-3287 Fax ♦

Job No. 14-114

Note: Second Attempt

GROUNDWATER WELL LOG

Well 6

Well Owner: Village Safe Water Use of Well: Exploratory
Legal Description: Pad 6 N 62° 05' 13.0" W 163° 43' 24.0" +/- 9'
Mountain Village, Alaska

CONSTRUCTION

Drill Method: Air rotary Hole Size: 6" Hole Depth: 287.4'
Casing Size: 6" Cased to: 286.89 Material: A53 Wall: 0.25"
Well Completion: Open end Screen Perforated x Method: Star perforator
Screen/Perforation description: Perforated 1 row 1/4" x 1" every 2" from 235' to 275'

Grout Notes: (13) Sack(s) of Bentonite

Well Development: Air

Well Disinfected: Y Method: Chlorine circulated

Yield test at 67 GPM for 24 hour(s) with 80' of drawdown (DD) from static level (SWL).

Method: Submersible pump Static Water Level (SWL): 56.95

Start Date: 7/31/14

Completion Date: 8/2/14

Test Pump Date: 8/13/14

Final Pump Install Date:

WELL LOG

Depth in feet from top of casing.	Details of formations penetrated, size of material, color and miscellaneous details.		
0 TO 3	Casing Stick Up		
3 TO 4	Fill: sand, gravel		
4 TO 12	Sand: silty		
12 TO 20	Gravel: silty, sandy		
20 TO 33	Bedrock: weathered		
33 TO 73	": shale		
73 TO 75	": fractured, water bearing, 3 gpm		
75 TO 243	": shale		
243 TO 273	": fractured, water bearing 50 gpm, some sandstone fragmentsP		
273 TO 287	": shale		
TO			
TO	Note: First well attempt on this pad resulted in a cave in; drill pipe twisted off and lost hole on 7/25/14		
TO			
TO			
TO			
TO			