

Well ID: 101160003  
To be assigned by Dept. Of Environment

#256

## Well Record Page 1 of 2 WATER WELL DRILLERS FORM

Metric  Imperial

195  
115A16

### INSTRUCTIONS FOR COMPLETING THE FORM

- Additional information is provided at the bottom of this form on page 2.
- Question can be directed to Water Resources at 867 667-3171.
- All well construction measurements shall be reported to 0.1 m or 0.3 ft.
- Please print clearly in blue or black ink.
- Completion and submission of this form is the responsibility of the drilling contractor.
- Please specify metric or imperial units for all measurements.

### WELL LOCATION AND OWNER'S INFORMATION

A1 Well Name:  Optional (i.e. City Well No. 2)

A2 Drilled For:

Company / Department / Organization

A3 Street Address of Well Location: Lot 32

A4 Town / Village / Area / Lot #: Mendenhall, YT

A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone 8N

435 546 Easting 6738118 Northing

A6 Elevation of Top of Casing:  m / ft ASL

A7 Accuracy of GPS:  +/- m / ft

**Sketch of Well Location**  
In sketch, indicate distances from property line, septic field, fuel tank(s) and building. Please include North arrow.

### A8 Purpose of Wells

- Domestic  Test Well  Irrigation  Environmental (Quality)  
 Commercial  Municipal  Observation - Water Level  Other (please identify use)  
 Industrial  Agricultural  Public/Recreational

### LOG OF OVERBURDEN AND BEDROCK MATERIALS (All depths are below ground surface, circle appropriate units, use descriptors provided)

EXAMPLE ONLY

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials		B7 General Description
B2 From	B3 To			trace gravel	some silt	
0	110	grey	gravel	and sand	dry	dry moist saturated
110	120	grey	Bedrock			
			Bedrock			

B8 Permafrost Encountered:  NO  YES If yes, indicated depth (m / ft): from:  to:

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 20140615  
Y Y Y Y M M D D

Example:  
2005 01 31

- C1 Drilling Method  Air Rotary (Conventional)  Dug  Other (please specify)   
 Reverse Air Rotary  Cable Tool  
 Mud Rotary  Auger (Hollow / Solid Stem)
- C2 Well Type: In what geological material is the water producing zone located?  
 OVERBURDEN  BEDROCK

Casing (depth below ground surface, please circle appropriate units)

- C3 Outside Diameter 6.5 (cm / in)  
C4 Casing Material  Steel  Plastic  Other   
C5 Casing Wall Thickness 2.19 (cm / in)  
C6 Casing Depth to: 110 (m / ft)  
C7 Other Comments Regarding Casing:

Surface / Environmental Seal (depth below ground surface, please circle appropriate units)

C8 Seal Material Type: Bentone (i.e. Bentonite) C9 Diameter of Seal: 10 (cm/in) C10 Seal Depth from: 10 (m/ft) C11 Seal Depth to: 18 (m/ft) C12 Volume Placed: 4 Bags (m³/ft³)

Gravel Pack (depth below ground surface, please circle appropriate units)

C13 Gravel Pack:  NO If yes, indicated depth (m/ft):  YES from:  to:  Indicate diameter of material:  (mm/inches) Material type:  (i.e. silica)

Well Screen Information (depth below ground surface, please circle appropriate units)

C14 Outside Diameter (cm/in) C15 Screen Material  Stainless Steel  Steel  Plastic  N/A  Other C16 Screen Type  Continuous Wire Wrap  Louver Screen  Perforated  Slotted  Open Hole C17 Depth from: C18 Depth to: Slot Size / Perforation Dia: Screen 1, 2, 3. C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by  Surge Block  Water Jetting  Air Jetting / Air Lifting  Bailing  Pumping  Other: D2 Well Head Completion  Well House  Pitless Adaptor Depth of adaptor: (m/ft)  Well Pit (NOT PERMITTED)  None (well not completed) D3 Well Head Stick-up (above ground surface) 1.5 (m/ft) (Use negative if below grade) D4 Static Water Level (below top of casing) 4.2 (m/ft) (Use negative if below grade) D5 Well Yield Estimate 3.5 (Lps/gpm) D6 Final Well Status  Water Supply (in use)  Stand by (Back-up)  Observation  Not in use  Deepened  Other: D7 Well Abandonment Status Was the well properly decommissioned with bentonite grout?  YES  NO If YES, Indicate Date: Y Y Y Y M M D D D8 Method Used to Estimate Well Yield  Air Lifting  Bailing  Pumping Test (if test conducted, complete Pumping Test Record)

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: Y Y Y Y M M D D

Static Water Level (SWL): (m/ft)

Pump Intake Set at: (m/ft)

Duration of pumping: hrs min

Final Water Level (FWL) at end of Pumping Test: (m/ft)

RECOMMENDATIONS

Recomm. Pump Depth: (m/ft) Recomm. Pumping Rate: (Lps/gpm) If flowing, provide rate: (Lps/gpm)

F1 Well Water Level Drawdown/Recovery DATA

Table with 4 columns: Time (min), Water Level (m/ft), Time (min), Water Level (m/ft). Rows for 0 (SWL), 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

G1 GROUNDWATER QUALITY

Field Data

Date Measurements Taken: Y Y Y Y M M D D

Electrical Conductivity: uS pH: Temperature: °C

Turbidity/Sand Content

Clear  Slightly turbid/cloudy  Moderately turbid/cloudy  Turbid/cloudy  Trace sand present  No sand present

Groundwater Type

Salty  Sulphur / Egg Odour  Organic Taste / Odour  Metallic Taste  Other:

Well Disinfection

Was the well disinfected upon completion of the pump installation?  YES  NO

Briefly describe method of well disinfection.

Bacteria Testing

Was a sample taken?  YES  NO If yes, indicate the name of the laboratory. Date Sample Taken: Y Y Y Y M M D D

Chemical Analysis of Water

Was a sample taken?  YES  NO If yes, indicate the name of the laboratory. Date Sample Taken: Y Y Y Y M M D D

Clear Form Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Anchor Water H2 Name of Driller(s): H3 Address of Driller: Date Submitted to Dept. Of Environment: 2015 05 20

CONSULTANT (if applicable)

I1 Company Name: I2 Company Address: I3 Report Reference: I4 Report Date:

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to:

Water Resources Section (V-310), Department of Environment, Government of Yukon Box 2703, Whitehorse, Yukon, Canada Y1A 2C6

Please feel free to contact us at: Phone: (867) 667-3171, Toll free (in Yukon): (1-800) 661-0408, local 3171) Fax: (867) 667-3185 E-mail: Water.Resources@gov.yk.ca

Personal information collected on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP) Act, Section 29 (c) and will be used to compile a public database of well and ground water information. For further information contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0408 Ext. 3223.

I have read the above clause and understand the purpose for collection of personal information.

Signature of Well Owner