



Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2793 Whitehorse, Yukon Y1A 2C8

Well ID:

To be assigned by Dept. Of Environment

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

Metric Imperial

INSTRUCTIONS FOR COMPLETING THE FORM

1. Additional information is provided at the bottom of this form on page 2
2. Question can be directed to Water Resources at 867 667-3171
3. All well construction measurements shall be reported to 0.1 m or 0.3 ft.
4. Please print clearly in blue or black ink.
5. Completion and submission of this form is the responsibility of the drilling contractor
6. 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:

First Name Last Name Company / Department / Organization

A3 Street Address of Well Location: 235 OLD ALASKA HWY

A4 Town / Village / Area / Lot #: LOT 1018 SILVER CITY

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

Easting Northing

A6 Elevation of Top of Casing: m @ASL

A7 Accuracy of GPS: +/- m /Ⓢ

A8 Purpose of Wells

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

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

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
0	BROWN	CLAY	SAND, GRAVEL	
2	"	"	SAND	
20		GRAVEL		
40		"		

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2020 08 27
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 (cm /Ⓢ)
 C4 Casing Material Steel Plastic Other
 C5 Casing Wall Thickness 219 (cm /in)
 C6 Casing Depth to: 60 (m /Ⓢ)

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: Bentonite (i.e. Bentonite)
 C9 Diameter of Seal: 10 (m) (ft)
 C10 Seal Depth from: 0 (m) (ft)
 C11 Seal Depth to: 15 (m) (ft)
 C12 Volume Placed: _____ (m³) (ft³)

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

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

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

C14 Outside Diameter: 6 (m) (ft)
 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: Screen 1. 55 (m) (ft) Screen 2. _____ (m) (ft) Screen 3. _____ (m) (ft)
 C18 Depth to: 60 (m) (ft) _____ (m) (ft) _____ (m) (ft)
 Slot Size / Perforation Dia: 40 Thou / mm / in (ft) _____ Thou / mm / in (ft) _____ Thou / mm / in (ft)
 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: 0 (m) (ft) Well Pit (NOT PERMITTED) None (well not completed)
 D3 Well Head Stick-up (above ground surface): 2 (m) (ft) (Use negative if below grade)
 D4 Static Water Level (below top of casing): 4 (m) (ft) (Use negative if below grade)
 D5 Well Yield Estimate: 50 (Lps) (gpm)
 D6 Final Well Status: Water Supply (in use) Stand by (Back-up) Observation Not in use Doepened Other _____
 Abandoned Dry Poor Quality Insufficient yield At less an conditions
 D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES NO
 If YES, Indicate Date: _____
 D8 Method Used to Estimate Well Yield: Air Lifting Bailing Pumping Test (if test conducted, complete Pumping Test Record)
 Y Y Y Y M M D D

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)

G1 GROUNDWATER QUALITY

Field Data
 Date Measurements Taken: _____
 Y Y Y Y M M D D

Electrical Conductivity: _____ uS
 pH: _____
 Temperature: _____ °C

Groundwater Type

- Salty
- Sulphur / Egg Odour
- Organic Taste / Odour
- Metallic Taste
- Other _____

RECOMMENDATIONS

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

Turbidity/Sand Content

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

Well Disinfection

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

Briefly describe method of well disinfection: _____

F1 Well Water Level Drawdown/Recovery DATA

Time (min)	Drawdown		Recovery	
	Water Level (m) (ft)	Time (min)	Water Level (m) (ft)	Time (min)
0 (SWL)		0 (FWL)		
1		1		
2		2		
3		3		
4		4		
5		5		
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		

Bacteria Testing

Was a sample taken? YES NO
 Date Sample Taken: _____
 Y Y Y Y M M D D

Chemical Analysis of Water

Was a sample taken? YES NO
 Date Sample Taken: _____
 Y Y Y Y M M D D

WE

H1
 H2
 H3

 Signature of Primary Driller
 Y Y Y Y M M D D
 Date Submitted to Dept. Of Environment

SULTANT (if applicable)

Company Name: _____
 Company Address: _____
 Report Reference: _____
 Report Date: _____
 Y Y Y Y M M D D

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) 667-3195. E-mail: Water.Resources@gov.yk.ca

Personal information contained 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: _____