

COPY 104

WATER WELL DRILLERS FORM

Well Record Page 1 of 2

Well ID: [] To be assigned by Dept. Of Environment

Yukon Government Department of Environment Water Resources Section Yukon Water Well Registry Box 3 Whitehorse, Yukon, Y1A 2C6

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)

First Name Last Name Company / Department / Organization

A2 Drilled For: []

A3 Street Address of Well Location: MARSH LAKE

A4 Town / Village / Area / Lot #: LOT 13 JUDAS CREEK

A5 UTM Coordinates (using handheld GPS): NAD 83 Zone: []

Easting Northing

A6 Elevation of Top of Casing: [] m / ft ASL

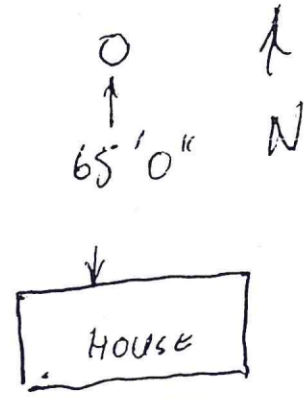
A7 Accuracy of GPS: [] +/- m / ft

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)

Table with 5 columns: B2 From, B3 To, B4 General Colour, B5 Most Common Material, B6 Secondary Materials, B7 General Description. Includes handwritten entries for various soil and rock layers.

B8 Permafrost Encountered: [X] NO [] YES If yes, indicated depth (m / ft): from: 0 to: 67.6'

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 27/08/2009

Example: 31 01 2005

C1 Drilling Method: [X] Air-Rotary (Conventional), [] Reverse Air Rotary, [] Mud-Rotary, [] Dug, [X] Cable-Tool, [] Auger (Hollow / Solid Stem), [] Other (please specify)

C2 Well Type: In what geological material is the water producing zone located? [] OVERBURDEN [] BEDROCK

C3 Outside Diameter: 6.625 (in) C4 Casing Material: [X] Steel [] Plastic [] Other C5 Casing Wall Thickness: 0.196 (in) C6 Casing Depth to: 67.6' (m / ft) C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: CLAY (i.e. Bentonite)
C9 Diameter of Seal: 10 (m / ft)
C10 Seal Depth from: 2 (m / ft)
C11 Seal Depth to: 17 (m / ft)
C12 Volume Placed: (m^3 / ft^3)

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

C13 Gravel Pack: NO (If yes, indicated depth (m / ft):)
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: (m / ft)
C18 Depth to: (m / ft)
Slot Size / Perforation Dia: (Thou. / mm / inches)
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block, Water Jetting, Air Jetting / Air Lifting, Pailing, Pumping, Other
D2 Well Head Completion: Well House, Pitless Adaptor, Well Pit (NOT PERMITTED), None
D3 Well Head Stick-up (above ground surface): 2 (m / ft)
D4 Static Water Level (below top of casing): (m / ft)
D5 Well Yield Estimate: (Lps / gpm)
D6 Final Well Status: Water Supply (in use), Stand by (Back-up), Observation, Not in use, Deepened, Other, Abandoned, Dry, Poor Quality, Insufficient Yield
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES/NO
D8 Method Used to Estimate Well Yield: Air Lifting, Pailing, Pumping Test

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: 21/8/10 9:20:09
Static Water Level (SWL): 45 (m / ft)
Pump Intake Set at: 60 (m / ft)
Duration of pumping: hrs min
Final Water Level (FWL) at end of Pumping Test: (m / ft)

RECOMMENDATIONS

Recomm. Pump Depth: 60 (m / ft)
Recomm. Pumping Rate: 10 (Lps / gpm)
If flowing, provide rate: (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

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

G1 GROUNDWATER QUALITY

Field Data: Date Measurements Taken: (D D M M Y Y Y Y)
Electrical Conductivity: (uS)
pH:
Temperature: (C)

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: BLEACH

Bacteria Testing

Was a sample taken? YES/NO
Date Sample Taken: 14/10/10 9:20:09
If yes, indicate the name of the laboratory:

Chemical Analysis of Water

Was a sample taken? YES/NO
Date Sample Taken: 14/10/10 9:20:09
If yes, indicate the name of the laboratory: ALS

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: 13624 GLEKON IUL
H2 Name of Driller(s):
H3 Address:
Signature of Primary Driller:
Date Submitted to Dept. Of Environment: (D D M M Y Y Y Y)

CONSULTANT (If applicable)

I-1 Company Name:
I-2 Company Address:
I-3 Report Reference:
I-4 Report Date: (D D M M Y Y Y Y)

ADDITIONAL INSTRUCTIONS