



Government
Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C6

COPY 95

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

Well ID:

To be assigned by Dept. Of Environment

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:

A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD Zone

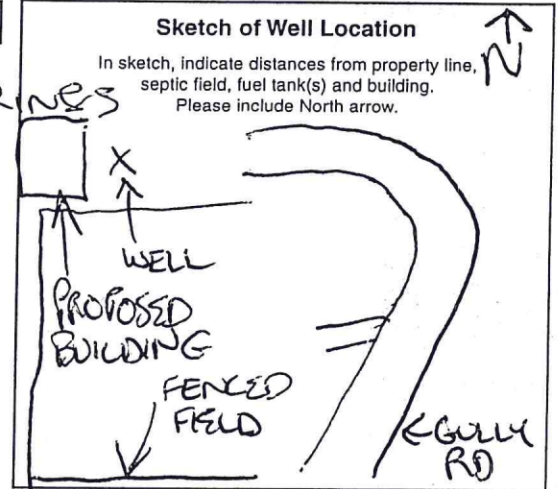
WESTING Easting Northing

A6 Elevation of Top of Casing: m ft ASL

A7 Accuracy of GPS: +/- m / ft

A8 Purpose of Wells

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



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 <small>(brown, grey, green, black, redish, beige, olive, yellowish)</small>	B5 Most Common Material <small>CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK</small>	B6 Secondary Materials <small>"trace" <10% (i.e. SILT trace gravel) "some" 10-20% (i.e. SAND some gravel) "silty / sandy / gravelly" 20-30% (i.e. silty SAND) "and sand" or "and gravel" 35-50%</small>		B7 General Description <small>MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard</small>
B2 From	B3 To			trace gravel	some silt	
0	5	TAN				
5	15	BRN	DRY SILT SAND			MOIST
15	35	BRN/TAN	SAND	AND GRAVEL		STICKY
35	88	GREY	SAND	TRACE FINE GRAVEL		W/B @ 45 VERY SILTY.
88	91	GREY	SAND	TRACE GRAVEL		
91	166	GREY	SAND	SOME SILT AND GRAVEL		MOIST VERY STICKY
166	175	BRN	FINE-MED SAND	AND FINE-MED GRAVEL		W/B @ 166 FT
175	185	GREY	SILT	AND SAND FINE		20 G.P.M. CUT WATER OFF.

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed
Y Y Y Y M M D D

Example: 2005 01 31

31 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)

3 Outside Diameter (cm (in))
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness (cm/in)
C6 Casing Depth to: (m/ft)

C7 Other Comments Regarding Casing:

WELL CONSTRUCTION (Continued from Page 1)

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

C8 Seal Material Type: BENTONITE (i.e. Bentonite)
 C9 Diameter of Seal: 4 (cm) (in)
 C10 Seal Depth from: 0 (m) (ft)
 C11 Seal Depth to: 15 (m) (ft)
 C12 Volume Placed: 8 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: 5 (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: 169 (m / ft)
 C18 Depth to: 173 (m / ft)
 Slot Size / Perforation Di: 030 (mm / inch)
 Screen 1: (m / ft) (m / ft) (mm / inch)
 Screen 2: (m / ft) (m / ft) (mm / inch)
 Screen 3: (m / ft) (m / ft) (mm / inch)
 C19 Screen Comments: 2.5 FT RISER, RACER THREADED PWS BOTTOM

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 Well Adaptor Depth of adaptor: 9 (m / ft) Well Pit (NOT PERMITTED) None (well not completed)
 D3 Well Head Stick-up (above ground surface): 2 (m) (ft)
 D4 Static Water Level (below top of casing): 21 (m) (ft)
 D5 Well Yield Estimate: 20 (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 Artesian conditions
 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: 20080918
 Y Y Y Y M M D D

Static Water Level (SWL): 21 (m) (ft)

Pump Intake Set at: 150 (m) (ft)

Duration of pumping: 2 hrs 0 min

Final Water Level (FWL) at end of Pumping Test: 34 (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.

INJECT 1/2 GAL 5% BLEACH PRIOR TO INSTALL 1/2 GAL AFTER PUMPING

F1 Well Water Level Drawdown/Recovery DATA

Drawdown		Recovery	
Time (min)	Water Level (m / ft)	Time (min)	Water Level (m / ft)
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 If yes, indicate the name of the laboratory
 Date Sample Taken: 20080911 EHS
 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: 20080911 ALS
 Y Y Y Y M M D D

WELL CONTRACTOR DRILLER ID.# WJ06032802

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

CONSULTANT (if applicable)

I 1 Company Name:
 I 2 Company Address:
 I 3 Report Reference:
 I 4 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