WELL FORM

Impact Drilling 867-668-6943

6" - 12" • Water Wells • Pump Installation • Exploration • Dual Rotary Air Rig • Pilings

105D14

sheet _____ of _____

20140338

207

Owner name: Robert & Catherine Millar

Mailing address: _____ City / Town: _____ Prov. / Terr. YT Postal Code _____

Well Location Address: Street No. 1023 Street name 5 mile Road City / Town Whse

OR **Legal description:** Lot 1023 Plan _____ D.L. _____ Block _____

OR **PID:** _____ AND **Description of well location** (attach sketch if nec.): _____

NAD 83: Zone: 8 AV AND **UTM Easting:** 0490503 7 m **UTM Northing:** 6741963 m OR **Latitude:** _____ **Longitude:** _____

Method of drilling: ☐ air rotary ☑ dual rotary ☐ cable tool ☐ mud rotary ☐ auger ☐ driving ☐ jetting ☐ other (specify) _____

Orientation of well: ☒ vertical ☐ horizontal Ground elevation _____ ft (asl) Method: _____

Class of well: _____

Water supply wells, indicate water use: ☐ private domestic ☐ water supply system ☐ irrigation ☐ commercial or industrial

☐ other (specify) _____

LITHOLOGIC DESCRIPTION

From ft (bgl)	To ft (bgl)	Surficial Material: Clay	Silt	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Bedrock Material: Siltstone/Shale	Sandstone	Conglomerate	Limestone	Basalt	Volcanic	Crystalline	Other Surficial Bedrock	Color: Red	Orange	Brown	Tan	Light Grey	Blue	Green	Dark Grey	Hardness: Very Hard	Hard	Dense / Stiff	Loose	Water Content: Dry	Moist	Wet	High Production	Lost circulation	Not available	Observations (e.g. other geological materials (e.g. boulders), est. water bearing flow (USgpm), or closure details)
0	40	○	○	○	◉	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◉	◉	○	○	○	○	○	Sand 15, 11
40	85	○	○	○	◉	○	○	○	○	○	○	○	○	○	○	○	○	○	◉	○	○	○	○	○	○	○	○	◉	◉	○	○	○	○	○	5 ft Sand
85	180	◉	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◉	○	○	○	◉	○	◉	○	○	○	○	
180	188	○	○	○	◉	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◉	○	○	○	○	○	○	◉	○	○	○	
188	194	○	○	○	○	○	○	◉	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◉	○	○	○	○	○	○	◉	○	○	○	
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		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	190	6 5/8	Steel	0.219	N

Surface seal: Type Bentonite Depth 15 ft

Method of installation ☒ Poured ☐ Pumped Thickness _____ in

Backfill: Type _____ Depth _____ ft

Liner: ☐ PVC ☐ Other (specify): _____

Diameter _____ in Thickness _____ in

From _____ ft (bgl) To _____ ft (bgl)

Perforated: From _____ ft (bgl) To _____ ft (bgl)

SCREEN DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Type	Slot Size
190	194	6	wire wrap	30

Intake: ☐ Screen ☐ Open bottom ☐ Uncased hole

Screen type: ☒ Telescope ☐ Pipe size

Screen material: ☒ Stainless steel ☐ Plastic ☐ Other: _____

Screen opening: ☒ Continuous slot ☐ Slotted ☐ Perforated pipe

Screen bottom: ☐ Bail ☒ Plug ☐ Plate ☐ Other: _____

Filter pack: From _____ ft To: _____ ft Thickness: _____ in

Type and size of material: _____

DEVELOPED BY

☒ Air lifting ☐ Surging ☐ Jetting ☐ Pumping ☐ Bailing

Other (specify): _____ Total duration: _____ hrs

Notes: _____

WELL YIELD ESTIMATED BY

☐ Pumping ☒ Air lifting ☐ Bailing ☐ Other (specify): _____

Rate: _____ USgpm Durtation: _____ hrs

SWL before test: _____ ft (btoc) Pumping water level: _____ ft (btoc)

OBVIOUS WATER QUALITY CHARACTERISTICS

☐ Fresh ☐ Salty ☒ Clear ☐ Cloudy ☐ Sediment ☐ Gas

Colour / Odour: _____ Water sample collected: ☐

WELL DRILLER (print clearly)

Name (first, last): Brian MacDonald

Consultant (if applicable; name & company) _____

Signature of Driller Responsible _____

FINAL WELL COMPLETION DATA

Total depth drilled: 194 ft Finished well depth: 194 ft (bgl)

Final stick up: 18 in Depth to bedrock : _____ ft (bgl)

SWL: 76 ft (bgl) Estimated well yield 20+ USgpm

Artesian flow: _____ USgpm, or Artesian pressure: _____ ft

Type of well cap: Locking Well disinfected: ☒ Yes ☐ No

Where well ID plate is attached: _____

WELL CLOSURE INFORMATION

Reason for closure: _____

Method of closure: ☐ Poured ☐ Pumped

Sealant Material: _____ Backfill material: _____

Details of closure: _____

DATE OF WORK (yyyy/mm/dd)

Started: Aug 2013 **Completed** Aug 2013

Comments: _____

PLEASE NOTE: The information recorded in this well report describes the works and hydrogeologic conditions at the time of construction, alteration or closure as the case may be. Well yield, well performance and water quality are not guaranteed as they are influenced by a number of factors, including natural variability, human activities and condition of the works, which may change over time.

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