

204090015

WELL FORM

Impact Drilling 867-668-6943

sheet _____ of _____

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

#236

Owner name: Richard Mueller
 Mailing address: _____ City/Town: Whice Prov./Terr.: YT Postal Code: _____
 Well Location Address: Street No. Lot 1055 Street name 15m 1374 Alaska Hwy City/Town: Marsh Lake
 OR Legal description: Lot _____ Plan _____ D.L. _____ Block _____
 OR PID: _____ AND Description of well location (attach sketch if nec.): To Lett of driveway
at bottom of driveway
 NAD 83: Zone: 08V UTM Easting: 05341541 Latitude: _____
105D09 UTM Northing: 6710976 OR Longitude: _____
 Method of drilling: air rotary dual rotary cable tool mud rotary auger driving jetting other (specify) _____
 Orientation of well: vertical horizontal Ground elevation 734 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 | | Surficial Material | | | | | | | | Bedrock Material | | | | | | | Color | | | | | | | Hardness | | | | Water Content | | | | Observations (e.g. other geological materials (e.g. boulders), est. water bearing flow (USgpm), or closure details) | | | | | |
|------------------------|-------------|--------------------|------|------|---------------------|----------------|------------------|------------------|-----------------|------------------|--------------|-----------|--------|----------|-------------|-------------------------|-------|--------|-------|-----|------------|------|-------|-----------|-----------|------|---------------|---------------|-----|-------|-----|--|-----------------|------------------|---------------|--|--|
| From ft (bgl) | To ft (bgl) | Clay | Silt | Till | Sand with clay/silt | Sand, fine-med | Sand, med-coarse | Sand with gravel | Siltstone/shale | Sandstone | Conglomerate | Limestone | Basalt | Volcanic | Crystalline | Other Surficial Bedrock | Red | Orange | Brown | Tan | Light Grey | Blue | Green | Dark Grey | Very Hard | Hard | Dense / Stiff | Loose | Dry | Moist | Wet | | High Production | Lost circulation | Not available | | |
| 0 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| CASING DETAILS | | | | | | SCREEN DETAILS | | | | |
|----------------|-------------|--------|-----------------------------|-------------------|------------|----------------|-------------|--------|-----------|-----------|
| From ft (bgl) | To ft (bgl) | Dia in | Casing Material / Open Hole | Wall Thickness in | Drive Shoe | From ft (bgl) | To ft (bgl) | Dia in | Type | Slot Size |
| 0 | 30 | 6 1/2 | Steel | 2.9 | DR | 30 | 34 | 6" | Wire Wrap | 30 |

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)

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 | FINAL WELL COMPLETION DATA |
|---|--|
| <input checked="" type="checkbox"/> Air lifting <input type="checkbox"/> Surging <input type="checkbox"/> Jetting <input type="checkbox"/> Pumping <input type="checkbox"/> Bailing Other (specify): _____ Total duration: _____ hrs Notes: _____ | Total depth drilled: <u>34</u> ft Finished well depth: <u>34</u> ft (bgl) Final stick up: <u>18"</u> in Depth to bedrock: _____ ft (bgl) SWL: <u>11</u> ft (bgl) Estimated well yield <u>25'</u> USgpm Artesian flow: _____ USgpm, or Artesian pressure: _____ ft Type of well cap: <u>locking</u> Well disinfected: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Where well ID plate is attached: _____ |
| WELL YIELD ESTIMATED BY | WELL CLOSURE INFORMATION |
| <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Air lifting <input type="checkbox"/> Bailing <input type="checkbox"/> Other (specify): _____ Rate: _____ USgpm Duration: _____ hrs SWL before test: _____ ft (btoc) Pumping water level: _____ ft (btoc) | Reason for closure: _____ Method of closure: <input type="checkbox"/> Poured <input type="checkbox"/> Pumped Sealant Material: _____ Backfill material: _____ Details of closure: _____ |
| OBVIOUS WATER QUALITY CHARACTERISTICS | DATE OF WORK (yyyy/mm/dd) |
| <input type="checkbox"/> Fresh <input type="checkbox"/> Salty <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Sediment <input type="checkbox"/> Gas Colour / Odour: _____ Water sample collected: <input type="checkbox"/> | Started: <u>Sept 2013</u> Completed: <u>Sept 2013</u> Comments: _____ |
| WELL DRILLER (print clearly) <u>Drum Mac Pougoff</u> Name (first, last): _____ Consultant (if applicable; name & company): _____ | |
| Signature of Driller Responsible <u>D. H. O. J.</u> | |

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.

