

## **SD HOPPER DRILLING**

3014 RD 119 ST. MARYS, ON N4X 1C9  
PH (519) 272-5490 WWW.HOPPERWELLS.CA

*"Where Hopper goes, the water flows."  
Since 1915*

Date: November 8, 2021

RE: Candace King 60 Rd 120 St Marys ON

This letter will serve to state that we were contacted regarding a water well at a property located at the above address and a Well Inspection was conducted.

The well is constructed using 5.5" Steel well casing, with a measured total depth of 131 feet. This type of construction is consistent with other wells in the area, used for domestic purposes. Audit # 5003120 is consistent with the Water Well Record found on the MOECP database. (attached) The well casing was found to be in good physical condition, The top the casing is not above the current required height above ground surface, however it is at the required height for the Regulation as at the time of construction.

**See Attached photos**

The well was pumped by allowing water to flow uninterrupted from the outside hose bib on the home for a period of 1 hour at a flow rate of 7.2 gallons per min. The flow rate capacity of the installed pump system is approx 10 GPM based on the cycle time. The pump performance is consistent with the expected model of 1/2HP 10 series. Pressure Tank is a WellXtrol model 202. The system, which is older but in reasonable condition appears to function acceptably. The water level was measured during pumping and drawdown was minimal at approx 1.5 feet below the static level of 72'.

Recommendations – Install Vermin Proof Well Cap.

As professionals in the water well industry and based on all known factors, we would conclude that this well and water system would continue to be a reliable source of water for the property.

*Shawn Hopper*

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Shawn Hopper WWT Lic # 2315  
CWT Lic # 7643



Pump Control Box, Electrical connections and Pressure tank under southeast corner of Home.



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# The Ontario Water Resources Act WATER WELL RECORD

5003120

50601

COP

1. PRINT ONLY IN SPACES PROVIDED  
2. CHECK  CORRECT BOX WHERE APPLICABLE

COUNTY OR DISTRICT: [REDACTED] TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **St Marys** CON. BLOCK, TRACT, SURVEY ETC.: **19** LOT: **25-27**

DATE COMPLETED: DAY **28** MO **06** YR **84**

ADDRESS: **2 St. Marys Ont.**

RC: **17** ELEVATION: **470.880** BC: **4789.680** AC: **4** ELEVATION: **1070** BC: **4** BASIN CODE: **23**

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
yellow	clay	stones		0	23
grey	sand			23	25
blue	clay	stones		25	50
brown	limestone			50	140

OCT 17 1986

31 0023501/2 0025228 000301/2 0140615

<p>4 WATER RECORD</p> <p>WATER FOUND AT - FEET: <b>125</b></p> <p>KIND OF WATER: <b>1</b> FRESH <b>3</b> SULPHUR <b>4</b> MINERAL</p> <p>19-23: <b>0139</b> <b>1</b> FRESH <b>3</b> SULPHUR <b>4</b> MINERAL</p> <p>20-23: <b>1</b> FRESH <b>3</b> SULPHUR <b>4</b> MINERAL</p> <p>25-28: <b>1</b> FRESH <b>3</b> SULPHUR <b>4</b> MINERAL</p> <p>30-33: <b>1</b> FRESH <b>3</b> SULPHUR <b>4</b> MINERAL</p>	<p>5 CASING &amp; OPEN HOLE RECORD</p> <table border="1"> <thead> <tr> <th>INSIDE DIAM. INCHES</th> <th>MATERIAL</th> <th>WALL THICKNESS INCHES</th> <th>DEPTH - FEET</th> </tr> </thead> <tbody> <tr> <td>10-11</td> <td>STEEL</td> <td></td> <td>0-188</td> </tr> <tr> <td>11-18</td> <td>GALVANIZED</td> <td></td> <td>188-52</td> </tr> <tr> <td>18-18</td> <td>STEEL</td> <td></td> <td>52-140</td> </tr> <tr> <td>18-18</td> <td>GALVANIZED</td> <td></td> <td>140-20-23</td> </tr> <tr> <td>24-25</td> <td>STEEL</td> <td></td> <td>27-30</td> </tr> <tr> <td></td> <td>GALVANIZED</td> <td></td> <td></td> </tr> <tr> <td></td> <td>CONCRETE</td> <td></td> <td></td> </tr> <tr> <td></td> <td>OPEN HOLE</td> <td></td> <td></td> </tr> </tbody> </table>	INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	10-11	STEEL		0-188	11-18	GALVANIZED		188-52	18-18	STEEL		52-140	18-18	GALVANIZED		140-20-23	24-25	STEEL		27-30		GALVANIZED				CONCRETE				OPEN HOLE			<p>6 PLUGGING &amp; SEALING RECORD</p> <table border="1"> <thead> <tr> <th>DEPTH SET AT - FEET</th> <th>MATERIAL AND TYPE</th> <th>CEMENT GROUT LEAD PACKER, ETC.</th> </tr> </thead> <tbody> <tr> <td>10-13</td> <td></td> <td></td> </tr> <tr> <td>18-21</td> <td></td> <td></td> </tr> <tr> <td>26-29</td> <td></td> <td></td> </tr> </tbody> </table>	DEPTH SET AT - FEET	MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC.	10-13			18-21			26-29		
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PUMPING TEST METHOD: **1** PUMP **2** RAILER

PUMPING RATE: **0012** GPM

DURATION OF PUMPING: **01** HOURS **00** MINS

STATIC WATER LEVEL: **090** FEET

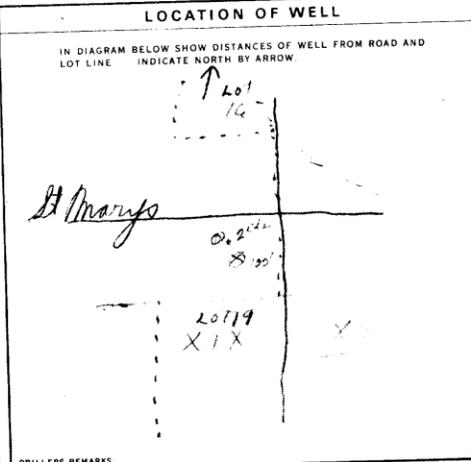
WATER LEVELS DURING PUMPING:

15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

RECOMMENDED PUMP TYPE: **1** SHALLOW **2** DEEP

RECOMMENDED PUMP SETTING: **110** FEET

RECOMMENDED PUMPING RATE: **008** GPM



FINAL STATUS OF WELL: **1** WATER SUPPLY **2** OBSERVATION WELL **3** TEST HOLE **4** RECHARGE WELL

WATER USE: **1** DOMESTIC **2** STOCK **3** IRRIGATION **4** INDUSTRIAL **5** OTHER

METHOD OF DRILLING: **2** ROTARY (CONVENTIONAL) **3** ROTARY (REVERSE) **4** ROTARY (AIR) **5** AIR PERCUSSION

CONTRACTOR: **Mervin Jones** LICENCE NUMBER: **3009**

ADDRESS: **R. 4, 3 Thorndale Ont.**

NAME OF DRILLER OR BORER: **Mervin Jones**

SIGNATURE OF CONTRACTOR: *Mervin Jones* SUBMISSION DATE: **029** NO. **6** YR **84**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **3009** DATE RECEIVED: **24 08 84**

DATE OF INSPECTION: **5/11/85** INSPECTOR: *Peter...*

REMARKS: *Peter...*

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