WELL PLUGGING NOTES – WELL LICENCE #12143

Well Location

Lincoln County, Caistor Township, Concession 20, Lot I
Caistorville, Ontario

Well Coordinates

N 43° 2’ 46.728” W 79° 42’ 50.924”
UTM Zone 17T: 604730 E, 4766760 N

Operator

DeHaan Homes Inc. (Landowner)
P.O. Box 142
Ridgeville, ON L0S 1M0

Prepared By

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Date: March 27, 2026

Summary of Work Completed

The well was no longer being used as a private gas well and was plugged in preparation for future property development.

Plugging operations commenced on March 16, 2026, and were completed on March 27, 2026. Refer to the MNR Form 10 – Plugging of a Well Report for additional details.

The well plugging and abandonment activities completed on Well T012143 exceeded the requirements outlined in Part 11 of the *Oil, Gas and Salt Resources of Ontario Provincial Operating Standards*, Version 3.0, effective July 1, 2023.

For detailed information regarding the well construction and plugging configuration, refer to the attached:

- *Schematic Diagram of Well Completion – Well Licence #12143*
- *Schematic Diagram of Well Plugging – Well Licence #12143*

The diagrams illustrate the geology, wellbore configuration, and cement plug intervals.

The well plugging and abandonment program for Well T012143 was completed between November 2025 and March 2026 and included pre-plugging preparation, regulatory coordination, cement bond log evaluation, continuous cement placement, and final surface abandonment activities.

Pre-Plugging Preparation

- **November 12, 2025** – Pulled 3/4-inch tubing string, flooded the well, and disconnected the pipeline from the well.
- **November 14, 2025** – Discussed well status and plugging approach with Inspector Mohns and provided photographs to MNR POS.
- **November 24, 2025** – Received licence transfer.
- **December 5, 2025** – Completed cement bond logging, interpreted the logging results, and prepared the well schematic and plugging program. A cement bond log and caliper log were completed to assess the condition of the 114 mm casing and verify the presence of competent cement behind casing. Interpretation of the log indicated a competent and continuous cement bond from approximately 19 m to the 95 m casing shoe, including an excellent bond response between 68 m and 95 m. These results confirmed that the casing was effectively cemented to formation and that a competent annular cement seal existed prior to commencement of plugging operations.
- **December 6, 2025** – Issued and coordinated the plugging notice with MNR POS.

Plugging Sequence

Plugging operations were completed as a staged continuous cement plugging program extending from approximately 145 m depth to surface, with each successive plug tagged and verified prior to placement of the next plug.

Plug #1 – March 16, 2026

Mixed slurry containing 0.72 tonne (36 × 20 kg cement sacks) of Lafarge Type HSL (Type IL-HS) high sulphate-resistant hydraulic cement and 317 litres of fresh water to provide a cement volume of 0.55 m^3 with a density of 1.9 kg/L.

The slurry was pumped through tubing set at 145 m depth, below the deepest gas-bearing zone. Prior to placement of Plug #2 on March 21, 2026, the top of Plug #1 was tagged at approximately 107 m (350 ft).

Plug #2 – March 21, 2026

Mixed slurry containing 0.40 tonne (20 × 20 kg cement sacks) of Lafarge Type HSL (Type IL-HS) high sulphate-resistant hydraulic cement and 176 litres of fresh water to provide a cement volume of 0.31 m^3 with a density of 1.9 kg/L.

Following verification of the top of Plug #1, the slurry was pumped through tubing set just above the tagged plug. Prior to placement of Plug #3 on March 22, 2026, the top of Plug #2 was tagged at approximately 70 m (230 ft).

Plug #3 – March 22, 2026

Mixed slurry containing 0.36 tonne (18 × 20 kg cement sacks) of Lafarge Type HSL (Type IL-HS) high sulphate-resistant hydraulic cement and 158 litres of fresh water to provide a cement volume of 0.28 m^3 with a density of 1.9 kg/L.

Following verification of the top of Plug #2, the slurry was pumped through tubing set just above the tagged plug. Prior to placement of Plug #4 on March 24, 2026, the top of Plug #3 was tagged at approximately 40 m (130 ft).

Plug #4 – March 24, 2026

Mixed slurry containing 0.40 tonne (20 × 20 kg cement sacks) of Lafarge Type HSL (Type IL-HS) high sulphate-resistant hydraulic cement and 176 litres of fresh water to provide a cement volume of 0.31 m^3 with a density of 1.9 kg/L.

Following verification of the top of Plug #3, the slurry was pumped through tubing set just above the tagged plug. Prior to placement of Plug #5 on March 26, 2026, the top of Plug #4 was tagged at approximately 4 m (12 ft).

Plug #5 – March 26, 2026

Mixed slurry containing 0.06 tonne (3 × 20 kg cement sacks) of Lafarge Type HSL (Type IL-HS) high sulphate-resistant hydraulic cement and 26 litres of fresh water to provide a cement volume of 0.045 m^3 with a density of 1.9 kg/L.

Following verification of the top of Plug #4, the slurry was pumped through tubing set just above the tagged plug. Cement was circulated to surface.

Surface Abandonment

March 27, 2026

- Casings cut greater than 2 m below grade.
- Welded steel cap installed on the 178 mm and 114 mm casings.
- Site remediation completed.

Technical Confirmation

Prior to placement of each successive cement plug, the top of the previous plug was tagged and verified. Each successive plug was then placed from the top of the previously verified plug, resulting in a continuous cement column extending from approximately 145 m depth to surface.

In addition, pre-plugging cement bond logging confirmed the presence of competent cement behind the 114 mm casing from approximately 19 m to the 95 m casing shoe, providing verification of annular isolation prior to placement of the plugging cement column.

Photographic Documentation

Photograph 1. Pre-Plugging Condition

(a) View of wellsite.
(b) Natural gas pressure on well showing 102psi on gauge.
(c) View of wellhead. Cement is visible between 178mm and 114mm casings.


André LeBlanc
Well License #T012143
905-549-2433


psi


André
Well Licens
905-549

Photograph 2. Cement Verification and Casing Cutt-Off Operations

(a) Cement is visible within the 114 mm casing and within the annular space between the 114 mm and 178 mm casings.
(b) Illustration of the depth of excavation for casing cut-off and surface abandonment.





Photograph 3. Surface Abandonment

(a) Surface abandonment completed with welded steel cap installed on the 114 mm and 178 mm casings.



Photograph 4. Final Site Conditions

(a) Backfilled excavation and graded surface with all debris removed.

