WHAT IS CLAIMED IS:

1. A method for cementing in a wellbore comprising:

introducing a conduit into a wellbore, wherein the conduit comprises a reactive metal element disposed on an exterior of the conduit, wherein the reactive metal element is disposed between a pair of retaining elements which are disposed on the conduit, wherein a spacer element is disposed on the conduit on each of the opposing sides of the retaining elements relative to the reactive metal element, wherein the spacer elements are outside of the retaining elements relative to the reactive metal element; wherein the retaining elements are cup seals, end rings, or stamped rings; wherein the spacer elements comprises a polymer-based material, and wherein the reactive metal element comprises a reactive metal having a first volume;

circulating a cement over the exterior of the conduit and the reactive metal element;

setting the cement; wherein the set cement comprises a void;

then contacting the reactive metal element with a fluid that reacts with the reactive metal to produce a reaction product having a second volume greater than the first volume; and

contacting a surface of the cement adjacent to the reactive metal element with the reaction product.

2. The method of claim 1, wherein the reactive metal comprises a metal selected from the group consisting of magnesium, calcium, aluminum, tin, zinc, beryllium, barium, manganese, and any combination thereof.

3. The method of claim 1, wherein the reactive metal comprises a metal alloy selected from the group consisting of magnesium-zinc, magnesium-aluminum, calcium-magnesium, aluminum-copper, and any combination thereof.

4. The method of claim 1, wherein the reactive metal element comprises a swellable non-metal element.

5. The method of claim 4, wherein the swellable non-metal element is an elastomer.

6. The method of claim 1, wherein the conduit is a surface casing or intermediate casing.

7. The method of claim 1, wherein the reactive metal element is continuous along the entire exterior length of the conduit.

8. The method of claim 1, wherein the reactive metal element is disposed along only a portion of the exterior length of the conduit.

9. A system for cementing in a wellbore comprising:

a conduit disposed in the wellbore;

a reactive metal element disposed on the exterior of the conduit, the reactive metal element comprising a reactive metal having a first volume, wherein the reactive metal element is disposed between a pair of retaining elements which are disposed on the conduit, wherein a spacer element is disposed on the conduit on each of the opposing sides of the retaining elements relative to the reactive metal element, and wherein the spacer elements are outside of the retaining elements relative to the reactive metal element; wherein the retaining elements are cup seals, end rings, or stamped rings; wherein the spacer elements comprises a polymer-based material;

a reaction-inducing fluid capable of reacting with the reactive metal to produce a reaction product having a second volume that is greater than the first volume; and

a cement circulated in the wellbore such that it surrounds the conduit and the reactive metal element; wherein the cement is set after surrounding the conduit; and wherein the reaction-inducing fluid contacts the reactive metal element and reacts with the reactive metal after the cement is set.

10. The system of claim 9, wherein the reactive metal comprises a metal selected from the group consisting of magnesium, calcium, aluminum, tin, zinc, beryllium, barium, manganese, and any combination thereof.

11. The system of claim 9, wherein the reactive metal comprises a metal alloy selected from the group consisting of magnesium-zinc, magnesium-aluminum, calcium-magnesium, aluminum-copper, and any combination thereof.

12. The system of claim 9, wherein the reactive metal element comprises a swellable non-metal element.

13. The system of claim 12, wherein the swellable non-metal element is an elastomer.

14. The system of claim 9, wherein the conduit is a surface casing or intermediate casing.

15. The system of claim 9, wherein the reactive metal element is continuous along the entire exterior length of the conduit.

16. The system of claim 9, wherein the reactive metal element is disposed along only a portion of the exterior length of the conduit.

17. The method of claim 1, wherein the reactive metal element was formed in a solid solution process.

18. The method of claim 1, wherein the reactive metal element was formed in a powder metallurgy process.

19. The system of claim 9, wherein the reactive metal element was formed in a solid solution process.

20. The system of claim 9, wherein the reactive metal element was formed in a powder metallurgy process.