Flowing fracturing sleeve activation balls back to surface after stimulation can be challenging. Halliburton’s RapidBall™ DM (dissolvable metallic) self-removing ball technology is a series of self-removing, fracturing sleeve activation balls that helps eliminate flowback challenges. These specially formulated activation balls quickly break down in a timed reaction, leaving the wellbore open to flow. RapidBall DM ball technology thereby eliminates the cost of post stimulation wellbore intervention and helps provide assurance that the balls used to activate fracturing sleeves in a completion string will not restrict flow during production.

RapidBall DM ball technology is designed specifically to open any of Halliburton’s ball-drop activated RapidSuite™ fracturing sleeve systems. The balls are introduced to the stimulation treatment stream and pumped down the wellbore to open the target fracturing sleeve. RapidBall DM ball technology then provides isolation from previous fracturing stages. In a timed reaction, RapidBall DM ball technology then breaks down under time and temperature.

**Features**
- Specially formulated compound
- Compatible with RapidSuite ball-drop fracturing sleeve systems
- More than 50 possible stages (5 1/2-in. casing)
- Robust design - withstands harsh fracturing conditions
- Impact resistant
- Degrades with time, temperature, and presence of saline well fluids
- Up to 10,000 psi and 300°F

**Benefits**
- Eliminates the need to millout activation balls and ball seats
- Helps ensure production from every target interval
- Improves completion efficiency
- Can save both time and money of post stimulation intervention
- Brings well on to production faster
- Optimizes completion design and results
Environments That Affect Dissolvability Rate

Salinity Effect on Dissolution Rate

- 3% KCI
- 15% KCI

3.30-in. ball at 200°F

Temperature Effect on Dissolution Rate

- 100°F
- 150°F
- 200°F

3.30-in. ball in 3% KCl

For more information on Unconventional Completion solutions from Halliburton, please call your local Halliburton representative or email us at completions@halliburton.com.