TAM SOLUTIONS:

TAMPlug Permanent Bridge Plug System
ROBUST TECHNOLOGY FOR THE TOUGHEST OF DOWNHOLE CONDITIONS.

- Ideal for a variety of applications including:
  - Plugback of lost circulation zone while drilling
  - Base for cement in sidetrack and plugback operations
  - Plug & abandonment
  - Gas/water shut off

- Flexible system can be run:
  - “Open” for a clean fluid environment
  - “Closed” with a fluid-isolation-barrier in the work string to provide clean setting fluid to inflate the plug

- Utilizes a modular-designed valve sub:
  - Adapts to work in multiple open hole sizes
  - Allows the use of an assortment of element sizes
  - Enables quicker job preparation and timely field deployment

- Bottom Hole Assembly (BHA) is customized for your specific wellbore conditions
TAMPlug Permanent Bridge Plug System
Isolating a Lost Circulation Zone in a Horizontal Eagle Ford Well - South Texas

CHALLENGES: While drilling the lateral into the production zone, the operator encountered a formation at 15,300 ft that resulted in lost circulation prior to reaching the target depth of 16,200 ft. The customer fought the lost circulation for several days before deciding to pull out of the hole. They pumped over 1,600 bbl of oil base mud (OBM) with lost circulation material (LCM) while retrieving the drilling bottom hole assembly (BHA).

SOLUTION: TAM was contacted and provided a solution using the TAMPlug Permanent Bridge Plug System. The system, which uses a specialized BHA, provides a high probability of success in an LCM and mud environment. The equipment and a TAM service specialist were on-site within 24 hours. A TAMPlug was set in the 8 ¾ in. open hole at 15,187 ft.

RESULTS AND BENEFITS: TAM’s system offered the customer maximum flexibility and confidence in handling the downhole conditions. Using the TAMPlug allowed the customer to seal off the lost circulation zone on the first run, regain circulation, condition the well, and ultimately run and cement a 5 ½ in. liner.