



**PRODUCTION PLUS**  
ENERGY SERVICES INC.

### The Problem: Frac hit

A frac hit occurs when an offset well is fracture stimulated and the fracture communicates with another wellbore.

A frac hit can cause:

- severe damage to the artificial lift system
- well to fill with frac sand resulting in productivity losses
- a well control event with excessive pressures at surface

Today's method to protect against frac hits often involves pulling the full artificial lift system and production string to run a deep bridge plug to protect the well.

## HEAL FRAC HIT SYSTEM™

### For Frac-Hit Protection

### The Solution: HEAL Frac Hit System

Frac hit protection solution that offers:

- slickline retrievable components that allows access to set a deep barrier
- no tubing movement required to install
- option of a pressure gauge recorder

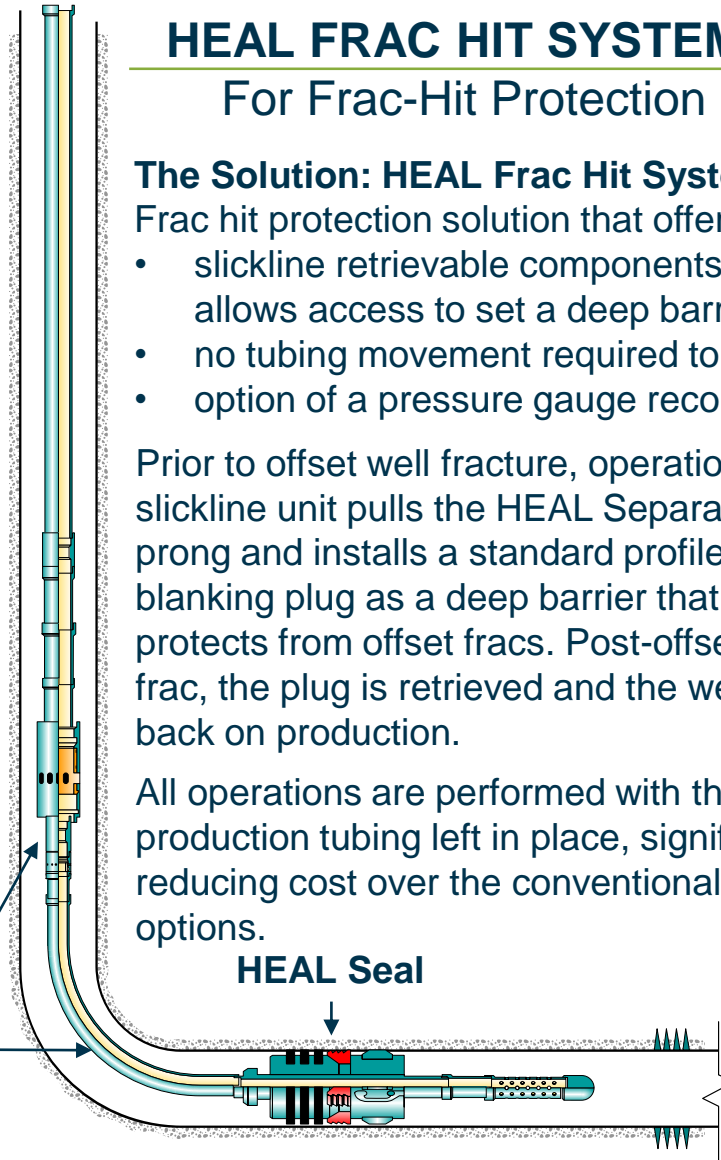
Prior to offset well fracture, operations a slickline unit pulls the HEAL Separator prong and installs a standard profile blanking plug as a deep barrier that protects from offset fracs. Post-offset well frac, the plug is retrieved and the well put back on production.

All operations are performed with the production tubing left in place, significantly reducing cost over the conventional options.

HEAL Slickline Separator

HEAL SRS

HEAL Seal



Learn more about frac-hit protection with the HEAL Frac Hit System

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