



CASE STUDY

DISSOLVABLE SUCCESS STORY

New beginnings in the Eagle Ford

Date: March 2018

Shale: Eagle Ford

County: Dewitt, Texas

Well Type: Horizontal

Bottom Hole Temp: 280° F

Plug Count: 19

Casing Size: 4"

Casing Weight: 11.6#

PROBLEM: A major operator had a refrac job scheduled in the Eagle Ford shale. The well designated for the refrac had a 4" 11.6# P110 semi-flush liner that was cemented inside of 5-1/2" 20# casing. The operator needed a plug that could be set inside the 4" liner and that would fully dissolve without leaving behind any debris.

SOLUTION: The operator contacted Nine Energy Service who developed the 4" Magnum Vanishing Plug™. Nine qualified a version of the tool that could be set in 4" casing, perfect for a refrac job like this one.

RESULT: The operator set 19 MVP™s in the 4" liner, performing a refrac on the entire lateral. After the job was completed, all plugs dissolved on time as designed. The well was put back on production with substantially better performance than before the refrac. The operator has completed several more wells using this method and has earmarked dozens of future wells utilizing the MVP™.

