

Case Study **ZIPP™ System**

40 Stages Completed with 2 BHAs

Case Study No. 3004

DETAILS:

Location:	Canadian County, OK
Formation:	Woodford
Casing Size:	5 1/2" 20#
Conveyance:	2" Coiled Tubing
Operation Depth:	17,685' (5390m)
Well Orientation:	Horizontal
Number of Stages:	40
Tools Used:	ZIPP™ System

RESULTS:

The customer planned to perforate 40 stages in a horizontal well with 5 1/2" 20# casing. The initial 17 stages were completed with the first BHA, at which time the tools were pulled out of the hole. Upon inspection, the packer was replaced and the remaining 23 stages were completed. Each stage was completed in an average of 4 hours utilizing two **ZIPP™ System** BHAs.

HIGHLIGHTS



- Single Trip Perf-and-Frac
- Accurate Frac Placement
- No Additional Clean Out Run
- Durable Design