



# DynaEnergetics' Fully Integrated DynaStage™ Perforating Systems Outperform Competition in Head-to-Head Field Trial

**E&P customer reports \$100,000 in cost savings when using DS NLine™ perforating system equipped with FracTune™ equal-entry hole shaped charges**

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## SUMMARY

A reliable perforating system is essential for achieving optimal well performance and limiting costly wellsite downtime. The DS NLine system with FracTune shaped charges delivers highly consistent entry holes, and enable engineers to design larger stages, increase efficiencies and ensure effective placement of fracture energy across the perforating interval. Together, these innovative perforating technologies also provide exceptional cluster efficiency and optimal reservoir contact.



## BACKGROUND

In South Texas, a leading pure-play Eagle Ford producer historically had specified equal-entry hole shaped charges manufactured by a competitor of DynaEnergetics. The selection was based on the belief that the competitor's charges delivered industry-leading equal-entry hole performance. After an analysis of downhole camera data from a 2020 MidCon study comparing FracTune to three competing charges, the operator elected to perform its own head-to-head comparison of DynaEnergetics' system to the incumbent supplier's charges.

The field study was conducted across eight wells and revealed DynaEnergetics' perforating systems delivered superior cluster efficiency due to uniformity of entry hole size.

## CONCLUSION

The four wells completed with the competitor's perforating product cost the client \$100,000 more than the four wells completed with the DS NLine perforating system with FracTune charges. DynaEnergetics is now the perforating system of choice for this operator and is being specified to wireline services companies bidding on the operator's 2022 completions work.



## FIELD-TRAIL RESULTS

DS NLine perforating system with FracTune equal-entry hole shaped charges

- Four wells completed
- Zero nonproductive time related to perforating system
- Consistent entry hole performance
- No cost overruns due to perforating system

Competing perforating product

- Four wells completed
- 29 hours of nonproductive time due to gun failures
- \$100,000+ Increased costs due to nonproductive time



**I'm 100% a Dyna guy now.  
DynaEnergetics has earned  
all of my future work."**

– Completion Manager at Sundance Energy