

## Wraith™ Frac Balls Provide Zonal Isolation For Established Shale Play

The Wraith™ Frac Ball provided zonal isolation for an established job site in an undisclosed province in China containing three horizontal wells.

Each well presented a shale lithology with the TVDs measuring between 10,502 ft – 10,784 ft and bottomhole temperatures topping out at 230° F.







Two of the wells successfully completed 18 stages of fracturing, while the third well completed 19.

Each stage required approximately 4 hours of pump time and reached a maximum pressure of 11,893 psi.

The crew utilized large bore frac plugs run in on wireline followed by the 3.25" Wraith Frac Ball to complete each fracture.

**The combined total of 55 stages realized a 100% success rate with zero failures.**

### Quick Facts

	Location	China
	Wellbore	Horizontal
	Lithology	Shale
	Wells	3
	Stages	55
	Ball Profile	3.25"

### Highlights

- Involved HPHT Conditions
- Required No Additional Interventions
- 100% Success Rate