

# HOOK Hanger™ Multilateral Systems Add to Your Barnett Shale Production!

## HOOK Hanger™ System

Baker Oil Tools HOOK Hanger™ System combines simple design and operational efficiency to deliver reliable multilateral junctions for widely-used TAML Level 3, 4, and 5 completions. HOOK Hanger Systems provide mechanical support for junctions that join cased and cemented mainbores with laterals in wells for either commingled or dual production.

The HOOK Hanger System has simplified multilateral completion operations and has been *successfully used in over 300 installations.*

### Increased Production with Fewer \$\$\$\$'s

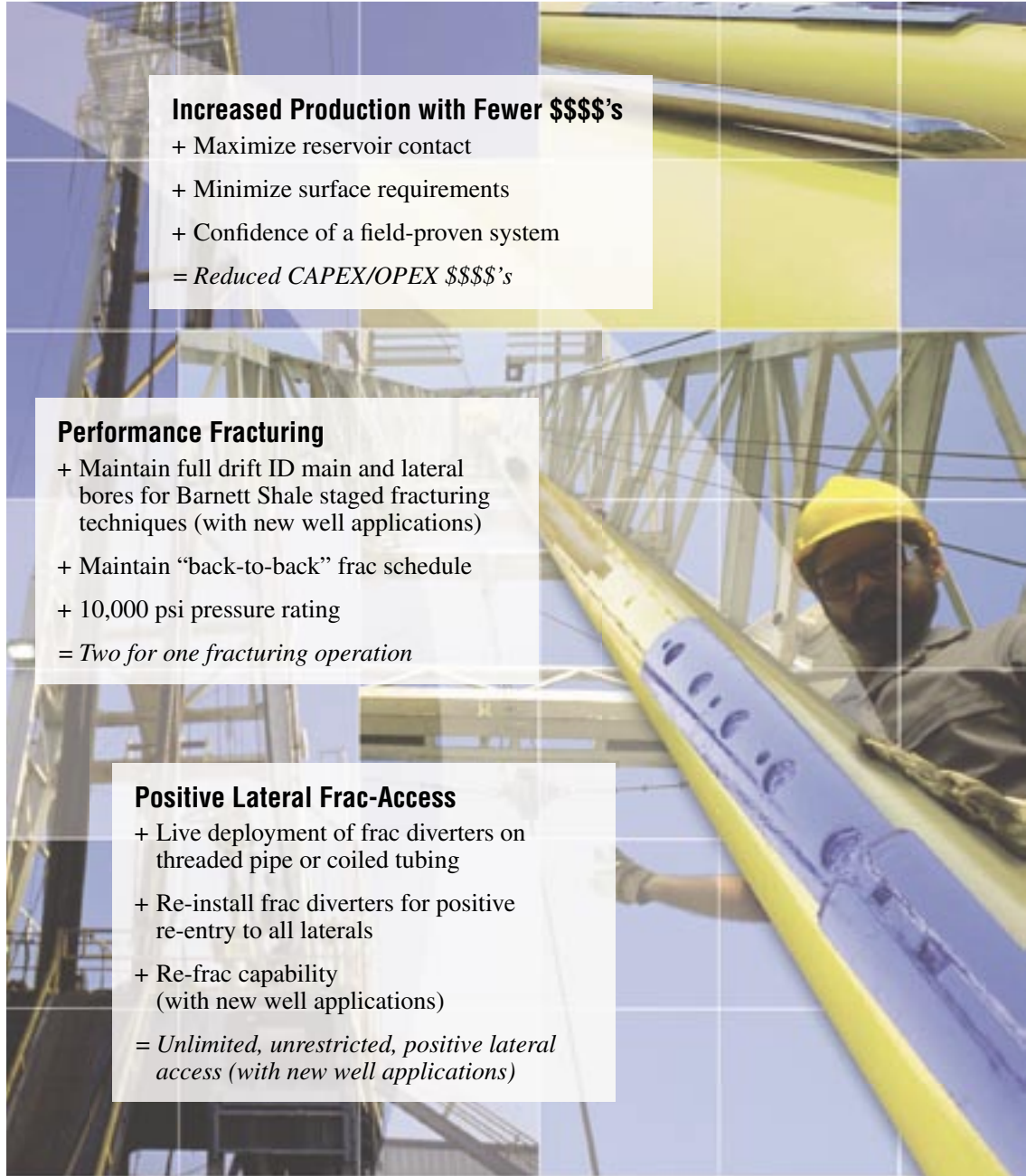
- + Maximize reservoir contact
- + Minimize surface requirements
- + Confidence of a field-proven system
- = *Reduced CAPEX/OPEX \$\$\$\$'s*

### Performance Fracturing

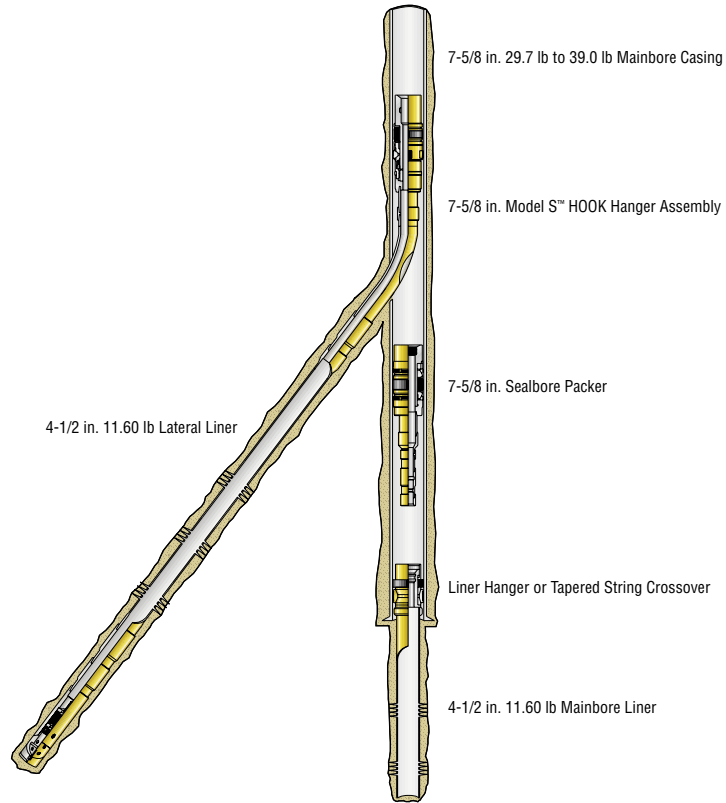
- + Maintain full drift ID main and lateral bores for Barnett Shale staged fracturing techniques (with new well applications)
- + Maintain “back-to-back” frac schedule
- + 10,000 psi pressure rating
- = *Two for one fracturing operation*

### Positive Lateral Frac-Access

- + Live deployment of frac diverters on threaded pipe or coiled tubing
- + Re-install frac diverters for positive re-entry to all laterals
- + Re-frac capability (with new well applications)
- = *Unlimited, unrestricted, positive lateral access (with new well applications)*



# Barnett Shale Casing Frac



**HOOK Hanger™ Multilateral System**

Performance Details	New Drill System	Re-Entry System
<b>Casing Required</b>	7-5/8 in. 29.7 ppf - 39 ppf	7 in. 26 ppf - 32 ppf
<b>Total Number of Wellbores</b>	3	2 (including existing bore)
<b>Wellbore Nomenclature</b>	Mainbore and Lateral	Mainbore and Lateral
<b>Deviation Permitted</b>	0 - 90 degrees	0 - 90 degrees
<b>Max Wellbore Access</b>	Mainbore: 4-1/2 in. 11.6 lb (3.875 in. drift)	Mainbore: 4-1/2 in. 13.5 lb (3.795 in. drift)
	Lateral: 4-1/2 in. 11.6 lb (3.875 in. drift)	Lateral: 4-1/2 in. 11.6 lb (3.875 in. drift)
<b>Casing Frac Permitted</b>	Mainbore: YES	Mainbore: NO*
	Lateral: YES	Lateral: YES
<b>Diverter Nomenclature</b>	Mainbore Frac Diverter: Allows entry to Mainbore	Mainbore Frac Diverter: Allows entry to Mainbore
	Lateral Frac Diverter: Allows entry to Lateral	Lateral Frac Diverter: Allows entry to Lateral
<b>Pressure Rating</b>	10,000 psi	10,000 psi (only on Lateral side)

\*A mainbore casing frac is not permitted after the installation of the HOOK Hanger™.

Where to go for more information on multilateral products

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