

# Driving Reservoir Growth & Innovation

Stephen R. Ingram

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#### Drilling and Evaluation

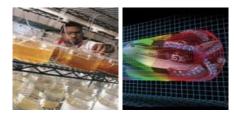
Drill Bits

&Services

Wireline &

Perforating

#### **Completion and Production**



Baroid



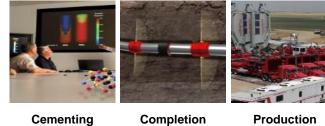
Sperry Drilling

Testing & Subsea



Consulting & Project Management

Landmark



Tools

Cementing

Production Enhancement



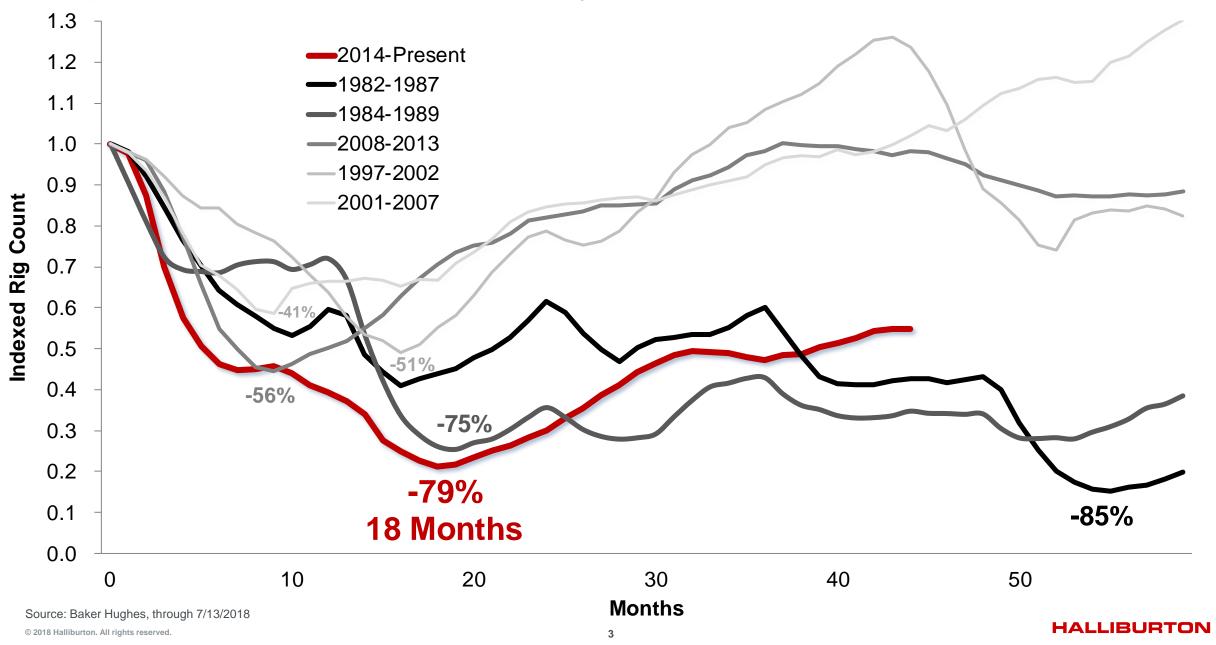
Artificial Lift

Multi-Chem

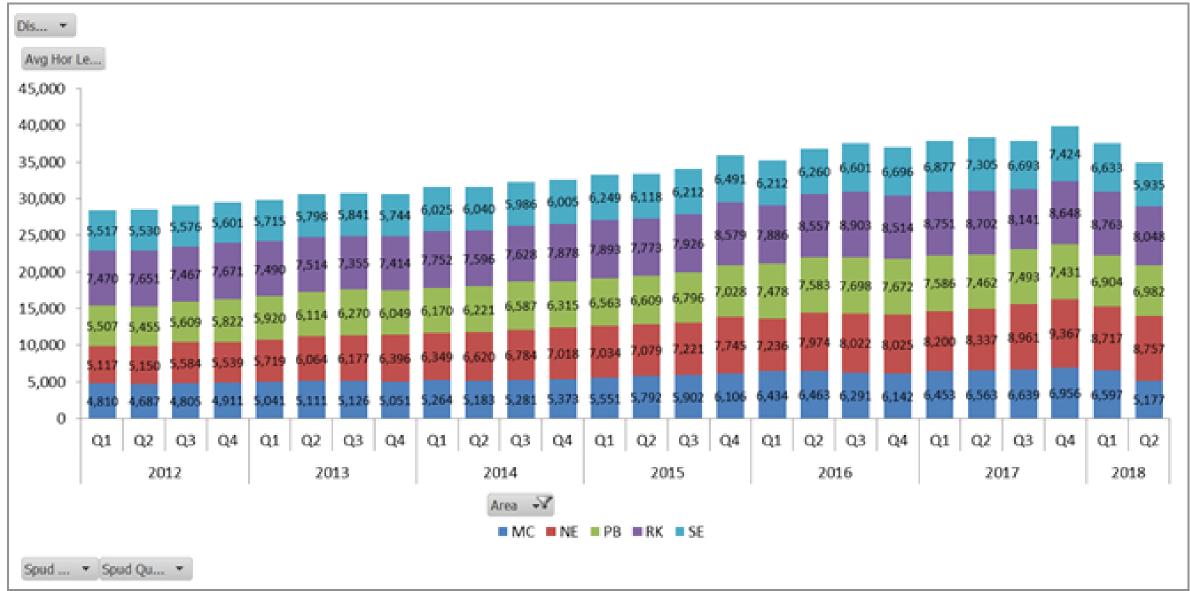
Pipeline & Process Services

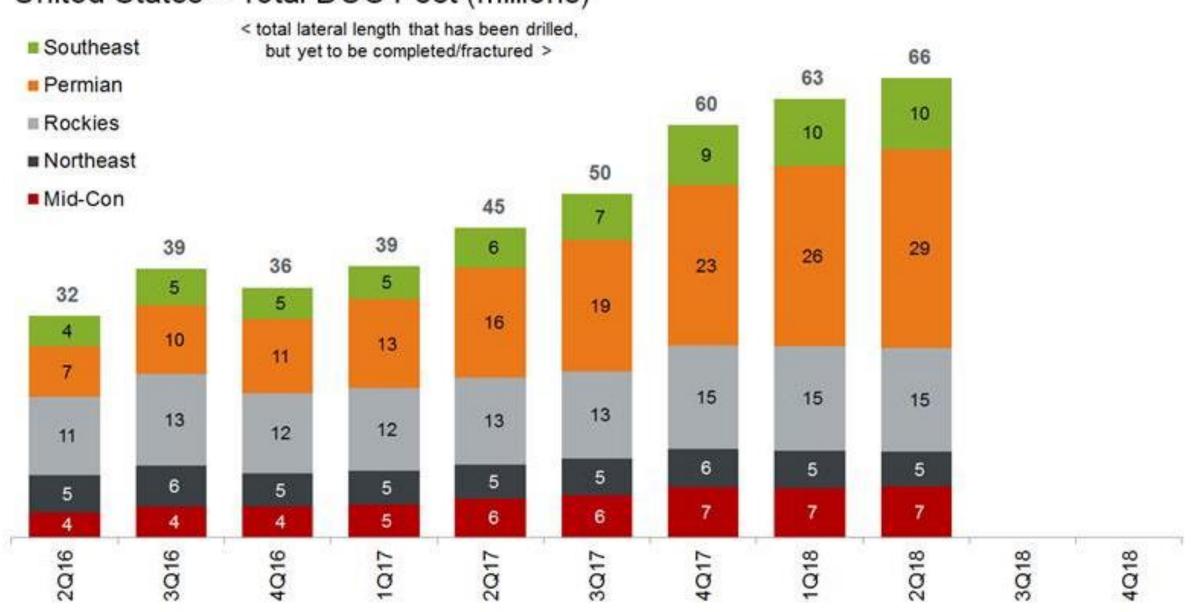


#### Comparison of U.S. Downturns (Monthly) – 5 Years After Peak



#### Average Lateral Lengths





#### United States – Total DUC Feet (millions)

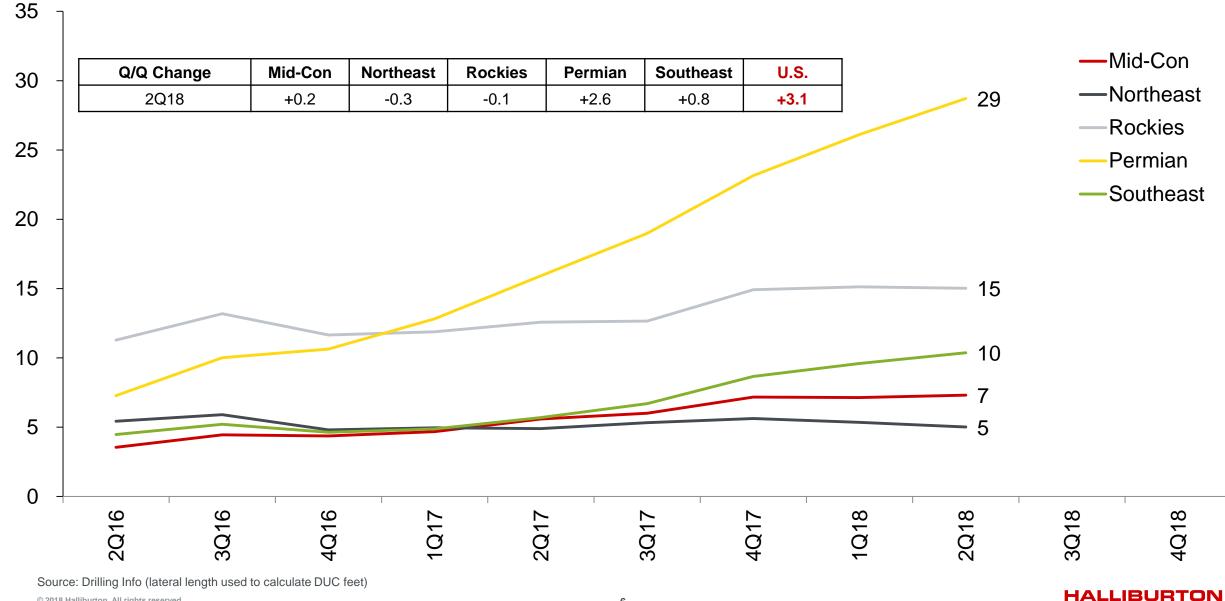
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#### United States – Total DUC Feet (millions)

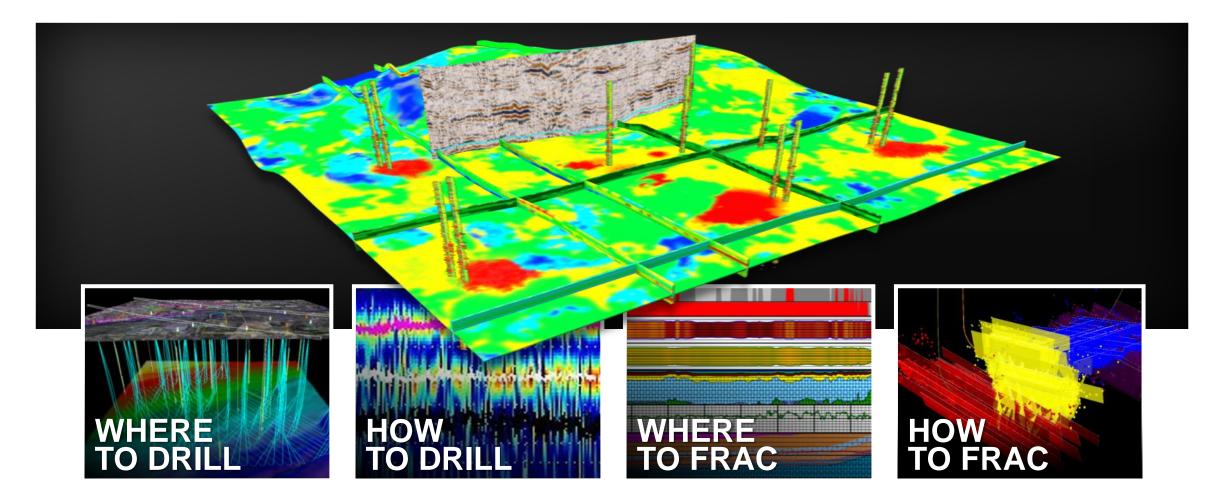
< total lateral length that has been drilled, but yet to be completed/fracked >



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| Basin      | Plays  | Avg Lat. | Avg Stgs | Sand  | ННР | Pad<br>Drilling |
|------------|--|----------|----------|-------|-----|-----------------|
| Midland    | Lower Sprayberry, Wolfcamp A, B, C & D,<br>Cline   | 10,100   | 54       | 19M   | 30k | 45%             |
| Delaware   | Avalon, Bone Spring 1, 2 & 4, Wolfcamp   | 8,500    | 44       | 20.4M | 38k | 60%             |
| Eagle Ford | Eagle Ford, Austin Chalk, Eagle Bine   | 7,500    | 25-40    | 8-11M | 40k | 93%             |
| DJ         | Niobrara, Codell   | 7,500    | 40       | 12M   | 28k | 99%             |
| Williston  | Bakken, Three Forks  | 10,000   | 35-50    | 10M   | 28k | 95%             |
| Marcellus  | Lower & Upper Marcellus, Geneseo /<br>Burkett  | 7,250    | 45       | 20.5M | 28k | 94%             |
| Utica (OH) | Point Pleasant   | 10,000   | 50       | 23M   | 32k | 90%             |
| Anadarko   | SCOOP/STACK, Cana, Woodford, Osage,<br>Merge, Mississippi Lime, Barnett, Granite<br>Wash | 7,800    | 26       | 10M   | 34k | 25%             |

# Our Environment dynamic choices



### Frac Site Advances

#### Frac Sight Advancement



## Frac Site Advances

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