Atlas Sand brings an experienced team with a track record of successfully executing on early stage oil & gas ventures.

**Brigham Exploration**
- 2006: 120,000 net acres at year end; 3.0 net wells drilled
- 2007: 143,000 net acres at year end; 3.9 net wells drilled
- 2008: 302,000 net acres at year end; 8.7 net wells drilled
- 2009: 282,600 net acres at year end; 6.9 net wells drilled
- 2010: 364,300 net acres at year end; 38 net wells drilled
- 2011: Sale to Statoil for $4.7bn

**Brigham Resources**
- 2012: 14,375 net acres Illinois Basin at year end
- 2013: 91,090 net acres at year end (43,510 in Southern Delaware Basin); 1 well drilled
- 2014: 97,230 net acres at year end (49,650 in Southern Delaware Basin) 21 wells drilled
- 2015: 51,471 net acres in SDB and 17 wells drilled in ‘15. Step change in completions moving to 2,200 lbs / ft
- 2016: 76,319 net acres in SDB and 17 wells drilled in ‘16. Completions move up in size to 2,700 – 3,200 lbs / ft

**Brigham Minerals**
- 2012: Begin acquiring minerals in SCOOP. Acquire 300 net mineral acres
- 2013: Acquire 7,600 net mineral acres in SCOOP, DJ & Williston Basins
- 2014: Acquire 13,000 net mineral acres in SCOOP, DJ, Williston and Permian Basin
- 2015: Acquire 5,450 net mineral acres in the STACK
- 2016: Acquire 9,900 net mineral acres focused in the Permian Basin

**YE 2016**
- Sale to Diamondback Energy for $2.55bn ($30,000 / net acre)
- Sale of a portion of assets to Diamondback Energy for $158mm ($27,500 / net acre)
The Shift Towards In-Basin Sand Originated from the Massive Disparity in Transportation Costs

Legacy Sand Providers Poorly Positioned due to High Transportation Costs

Permian Sand Consumption:~70% Northern White

Northern White: $75/ton

Brady Brown: $65/ton

Permian Sand Consumption:~30% Brady Brown

Zoom in on Permian – last 6 month’s permits

Circle Radius = 100 Miles
The Permian Local Sand Market is Crowded

- 19 mines in the Winkler / Ward Sand Trend
- 22 total In-Basin Permian Mines

<table>
<thead>
<tr>
<th>Mines outside of the Trend</th>
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<tbody>
<tr>
<td><strong>North</strong></td>
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<tr>
<td><img src="image" alt="US Silica" /></td>
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<tr>
<td><strong>West</strong></td>
</tr>
<tr>
<td><img src="image" alt="Barno Mine" /></td>
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<tr>
<td><img src="image" alt="Alpine Silica" /></td>
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Mapping the Employee Experience

<table>
<thead>
<tr>
<th>CHOOSING TO JOIN</th>
<th>RAMPING</th>
<th>EMPLOYMENT</th>
<th>LEAVING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANDIDATE EXPERIENCE</td>
<td>NEW HIRE EXPERIENCE</td>
<td>EMPLOYEE ENGAGEMENT</td>
<td>EMPLOYEE ATTRITION</td>
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<tr>
<td>Candidate Reaction Surveys</td>
<td>Onboarding Surveys</td>
<td>Engagement / Pulse Surveys</td>
<td>Exit Surveys</td>
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<tr>
<td>ONBOARDING PROCESS &amp; EFFECTIVENESS</td>
<td>Onboarding Surveys</td>
<td>Training Feedback/ Evaluation</td>
<td>Performance 360s/ Performance Reviews</td>
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<td>CONTINUAL DEVELOPMENT</td>
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<td>MANAGEMENT</td>
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<td>Performance Reviews</td>
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</tr>
</tbody>
</table>

- CUSTOMER EXPERIENCE
- PERFORMANCE & PRODUCTIVITY
- QUALITY / SAFETY
To truly drive better experiences and key outcomes, we realized we needed to measure and optimize key employee experiences across the entire employee journey.
Thank You
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