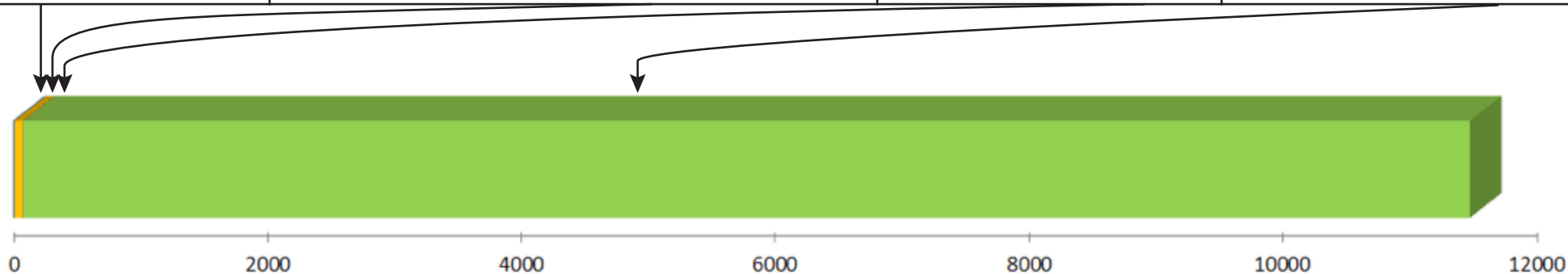


THE BASICS

Drill Time Basics

<u>Site Preparation</u>	<u>Drilling & Hauling</u>	<u>Hydraulic Fracturing</u>	<u>Production & Reclamation</u>
<p>Estimated Time: 7-14 days depending on the size of the pad</p> <p>On Site</p> <ul style="list-style-type: none"> • Construct roads to the well site. • Clear the surface for the wellpad • Average pad space is 5 acres 	<p>Estimated Time: Drilling: 3-4 days for directional wells and 10-15 for horizontal wells</p> <p>Hauling: 30-45 days – Depending when the completion contractor can be scheduled, there may be some time when no hauling occurs directly after drilling</p> <p>On Site</p> <ul style="list-style-type: none"> • Use fresh water and bentonite clay to drill the well • Install casing and cement • Conduct pressure testing and cement bond logging • Remove drilling equipment • Haul water and tanks for hydraulic fracturing operations 	<p>Estimated Time: 1-3 days per well</p> <p>On Site</p> <ul style="list-style-type: none"> • Hydraulic fracturing crews pump a mixture of water on site, sand, and chemicals for each well • Crews remove pumps and trucks 	<p>Estimated Time: 30 years production</p> <p>On Site</p> <ul style="list-style-type: none"> • Reclaim any surfaces that do not require permanent infrastructure for production • Ongoing facility operations and monitoring



Stages of the Life of a Well in Days