

# The Pure *Green* Completion



**T**he goal of our Pure Green Completion is to minimize/prevent venting of natural gas during the completion process. This process allows the operator to sell gas during the completion and minimize the vapors of foul smelling odors caused by condensate, fracturing chemicals, and bacteria. It also reduces the carbon emissions. The Pure Green process helps capture additional revenue and shows a strong community commitment to provide sound environmental solutions.

Common practice used after a frac is to clean up the well to an open top tank. The well is flowed to the open top tank until the water cut is acceptable to be put through the production facilities. This process has several draw backs including negative environmental impact, safety concerns, and loss of revenue.

- **Environmental**—Less venting gas to atmosphere, control and containment of fluids, reducing carbon emissions and reducing the impact of foul smelling byproducts and chemicals.
- **Safety**—Commitment to safety through our four stage separation system, eliminating flowing to an open top tank.
- **Economical**—Capture additional revenue by reduction of venting, and flowing directly into the sales line.

The four stages of separation begin with the sand. Pure Energy's separator will knock the sand out of the flow before continuing on to the next phase. The sand is then sent to the proper disposal tanks.

The second phase is the separation of the water from the flow where it is gathered and shipped to the proper disposal tanks. All of the water flow is metered for accuracy of water recovered / produced.

After this phase of the flow you are left with any oil / condensate. This is the third phase. The oil is gathered and then shipped to the storage tanks or if required it can be sent down the pipeline for immediate sales. The oil is metered to ensure accuracy.

The last phase of Pure Energy's separation for Pure Green Completion is natural gas. Pure Energy's separators allow operators to sell the natural gas as the well is being completed and meter all gas flow.

All Pure Energy packages come with flare stacks. In the event that there is a pipeline blockage/over pressuring or no production facilities exist, the flare stack allows for cleanup of the well while still gather all data and flowing the well back safely. We also provide sand traps or junk catcher to allow for the sale of natural gas during the drill out process.

While using Pure Energy to separate your fluids, solids, and gas after a frac and during well completions, the gas and oil/condensate can go straight to sales. This not only leaves a green completion, but gives a return on investment in Pure Energy's separation services.

