

# DUAL PAD BYPASS PLUNGER

## IDEAL FOR

### Reducing shut-in times due to high gas and liquids.

If you have a high volume gas and liquid well that requires too much shut-in time for standard plungers, our Dual bypass Plunger can reduce or even eliminate shut-in times.

## HOW IT WORKS

A Bypass Plunger opens and closes an adjustable bypass valve, enabling it to fall against flow so that the well can continue production as the plunger works. This plunger makes more trips with faster fall times, delivering continuous fluid removal with little or no shut-in time. It often helps wells achieve a significant increase in daily production.

## APPLICATIONS

- Flowing wells
- High gas or liquid volume
- Wells in the beginning stages of liquid loading

## FALL SPEEDS

- Gas - 1200 ft./min.
- Liquid - 800 ft./min.

## FEATURES

- Stainless steel
- Friction-type seal
- Economical one-piece design
- Optional lubricator available for all bypass plungers



### Tubing Sizes

2-3/8"

2-7/8"

3-1/2"

# Utilizing the well's own energy to cost-effectively remove liquids and extend the economical life of the well.

Plunger lift is one of the most economical ways to achieve maximum deliquification, particularly in marginal and aging wells. It uses only the well's own energy to effectively lift and remove accumulated liquids.

Our plunger lift products are thoroughly tested, manufactured to the highest standards, and backed by our decades of experience in the field.

## Benefits of Plunger Lift:

- Increased production with minimal cost
- Quick and easy implementation
- Low capital and operating expenses
- Unrivalled expertise, service, training, and line out assistance
- Largest selection of custom-engineered equipment addressing the full range of well conditions
- Highest quality manufacturing processes and materials

## Plunger Lift is Ideal for:

- Removing accumulated liquids in gas wells, allowing them to produce
- Wells with low bottom hole pressures or higher gas-to-liquid ratios
- Wells with liquid production of roughly 130 barrels per day or less
- Unloading a well when gas velocity is at, or near, critical flow rate
- Controlling paraffin and hydrate buildup

## Plunger Lift Economics:

Requiring low capital investment and minimal operating expense, plunger lift provides an excellent return on investment, producing production gains that can offset the cost of the system in as little as a few weeks and almost always within a few months.

The investment in a PCS Ferguson Plunger Lift system typically runs between \$2,500 and \$10,000. A plunger lift system could increase production by 100 Mcf/day or more.

